



Path: C:\Desktop\QI\Inventory\GrainBeltAC\GrainBeltAC_Pro\GrainBeltAC_Pro.aprx catenbus 5/15/2024
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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

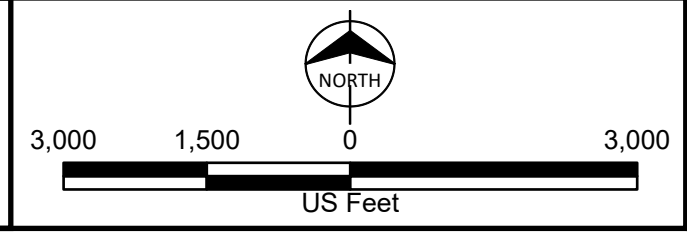
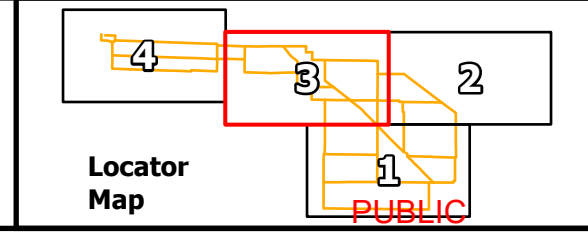
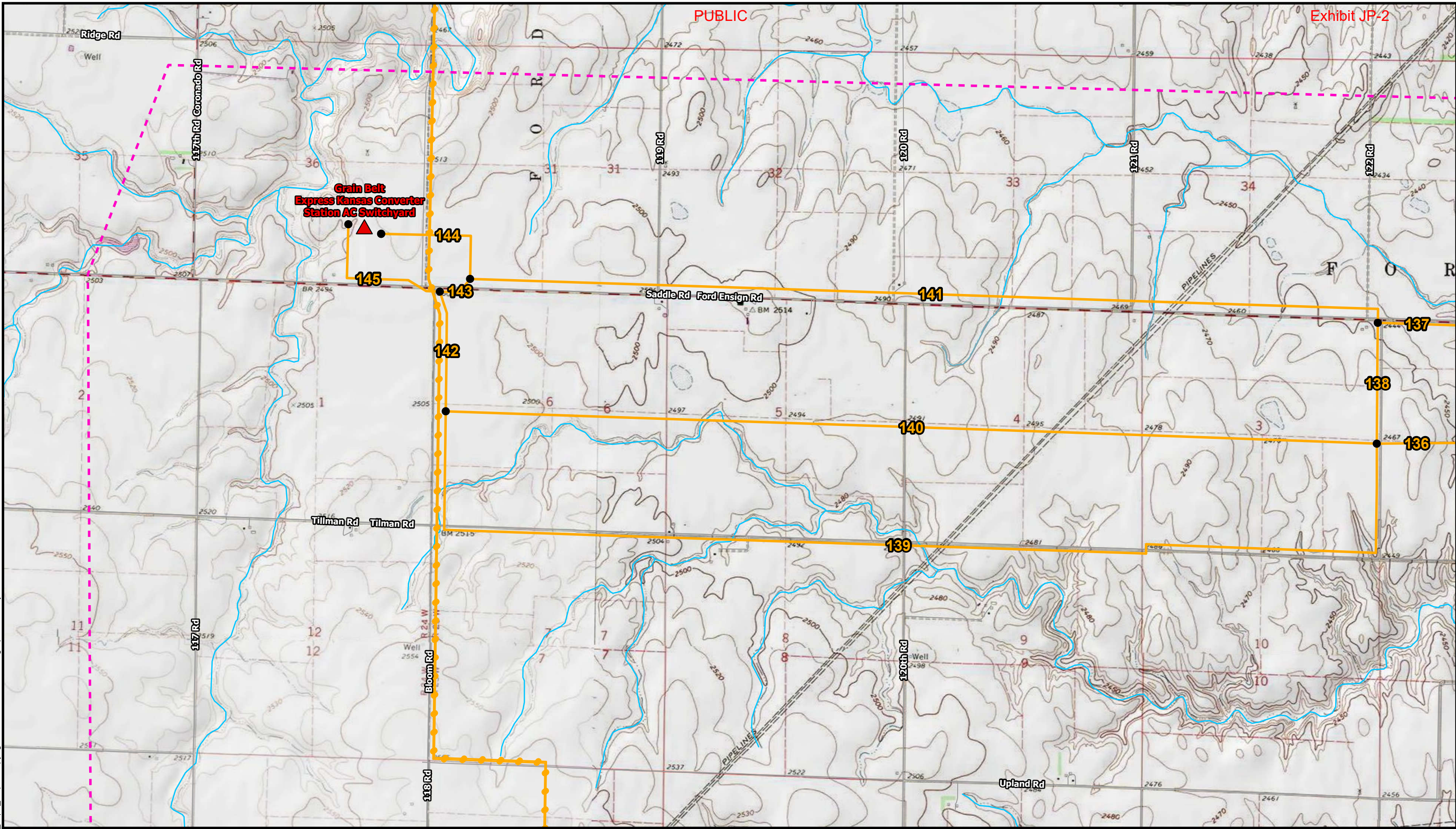


Figure B-1
 Bucklin Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford County
 Exhibit JP-2



Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

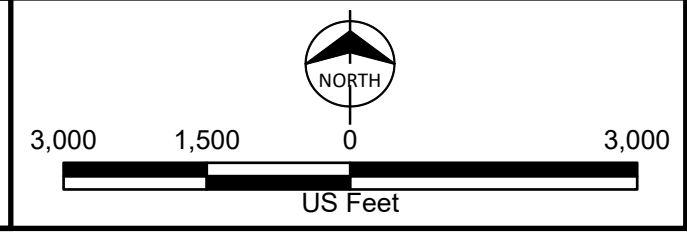
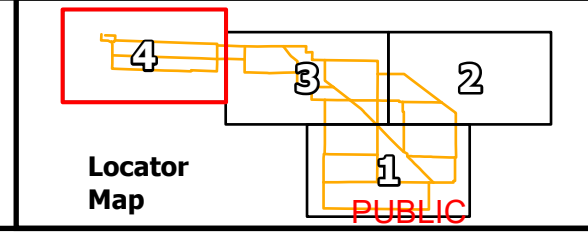
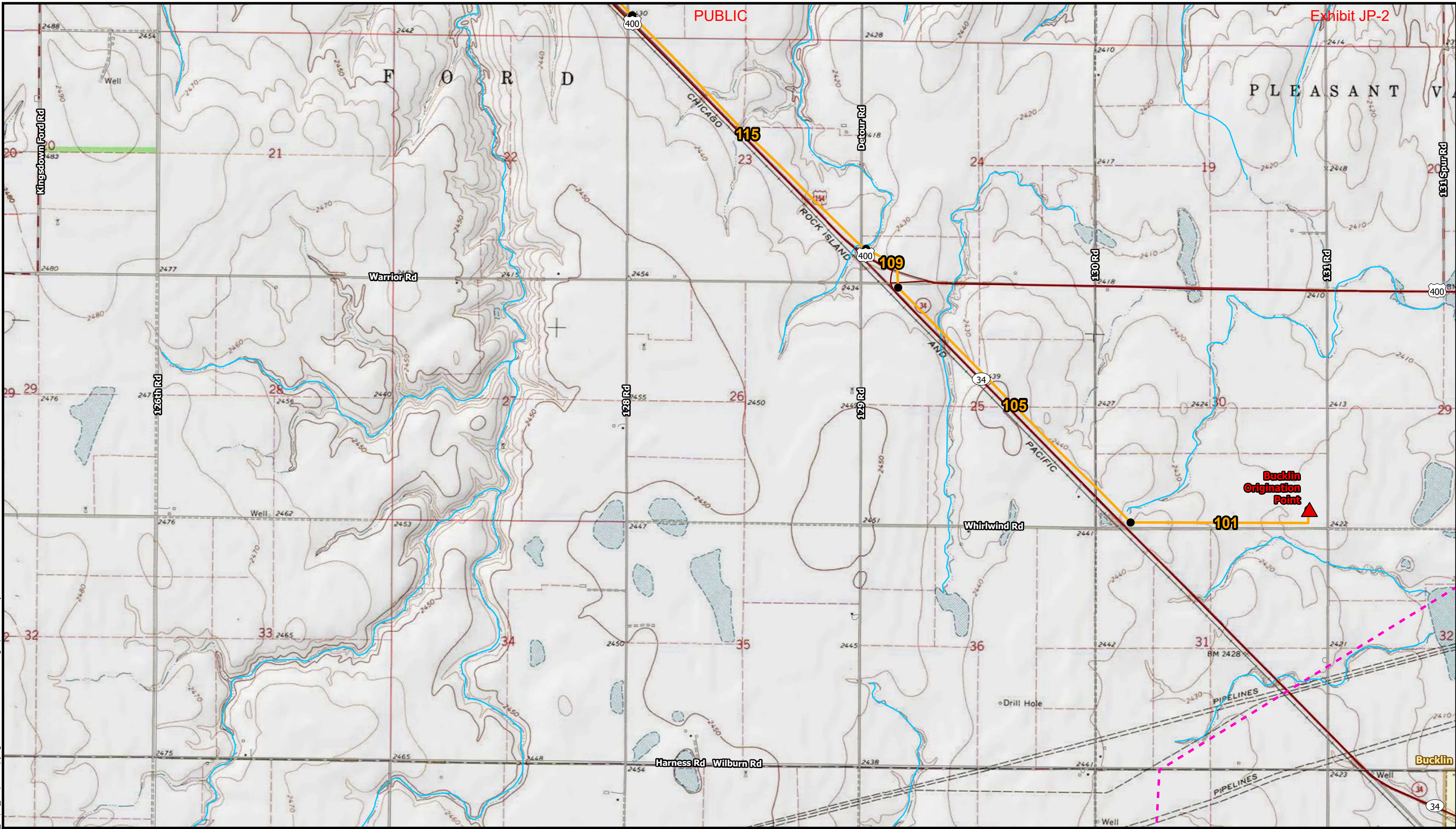


Figure B-1
Bucklin Line
Refined Alternate Route Network
Kansas AC Collector System
Grain Belt Express
Ford County
Page 103 of 506

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Project Endpoint	Railroad	Existing Transmission Line
Proposed Route Link Endpoint	Highway	115kV
Proposed Route (Route 444)	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

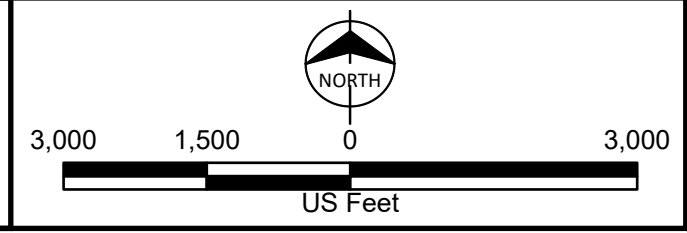
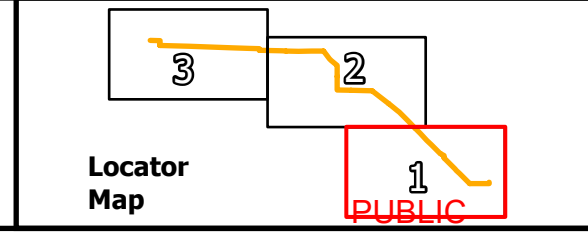


Figure B-2
 Bucklin Line Proposed Route
 Kansas AC Collector System
 Grain Belt Express
 Ford County
 Page 1 of 3
 Exhibit JP-2



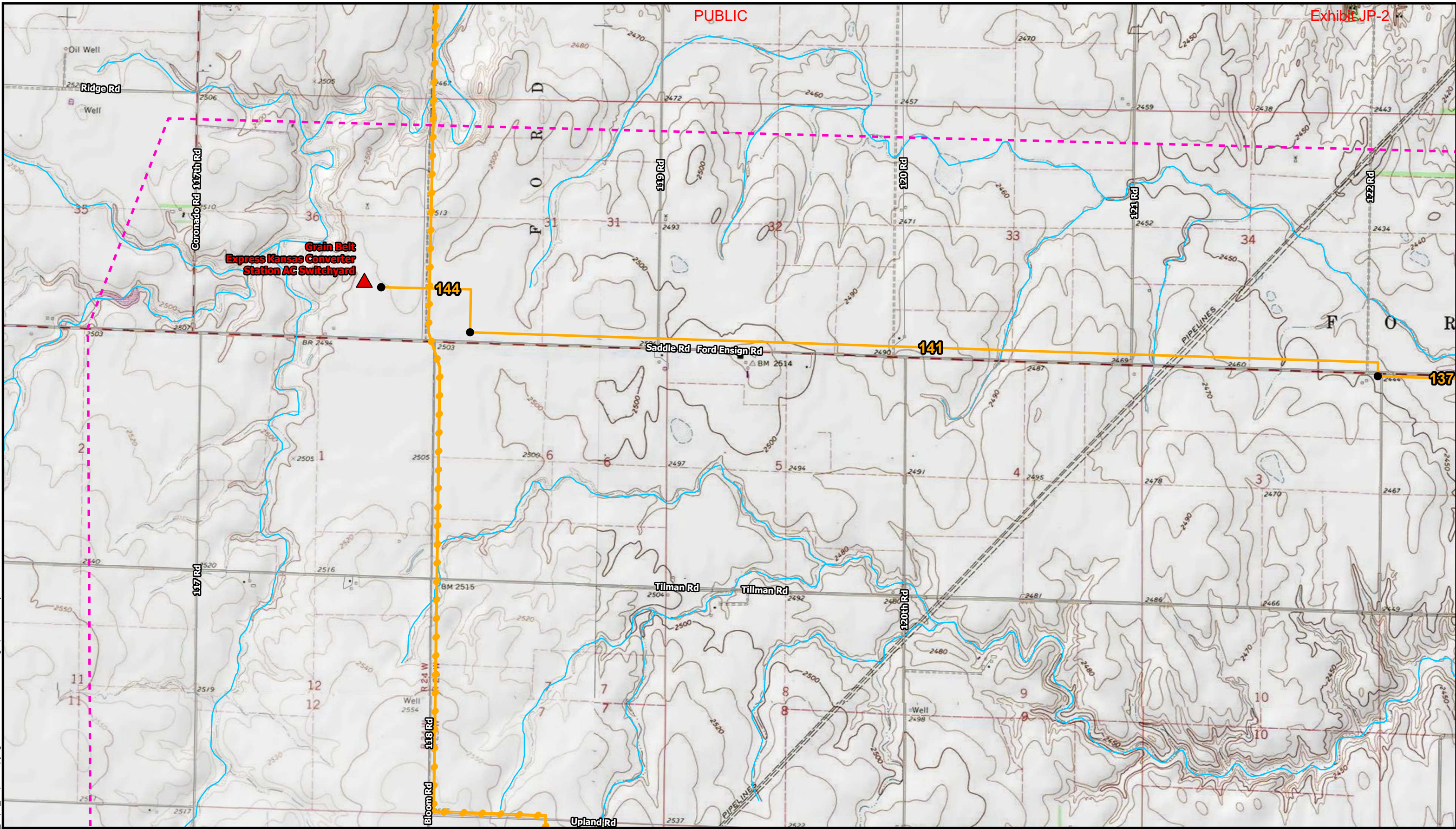
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Project Endpoint	Railroad	Existing Transmission Line
Proposed Route Link Endpoint	Highway	115kV
Proposed Route (Route 444)	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

Locator Map



Figure B-2
 Bucklin Line Proposed Route
 Kansas AC Collector System
 Grain Belt Express
 Ford County
 Page 2 of 3
 Exhibit JP-2



Project Endpoint	Railroad	Existing Transmission Line
Proposed Route Link Endpoint	Highway	115kV
Proposed Route (Route 444)	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

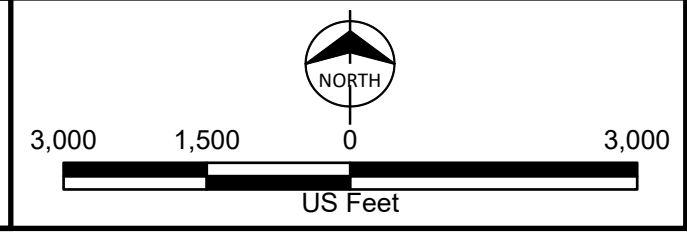
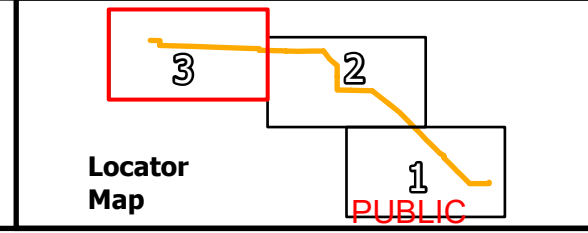
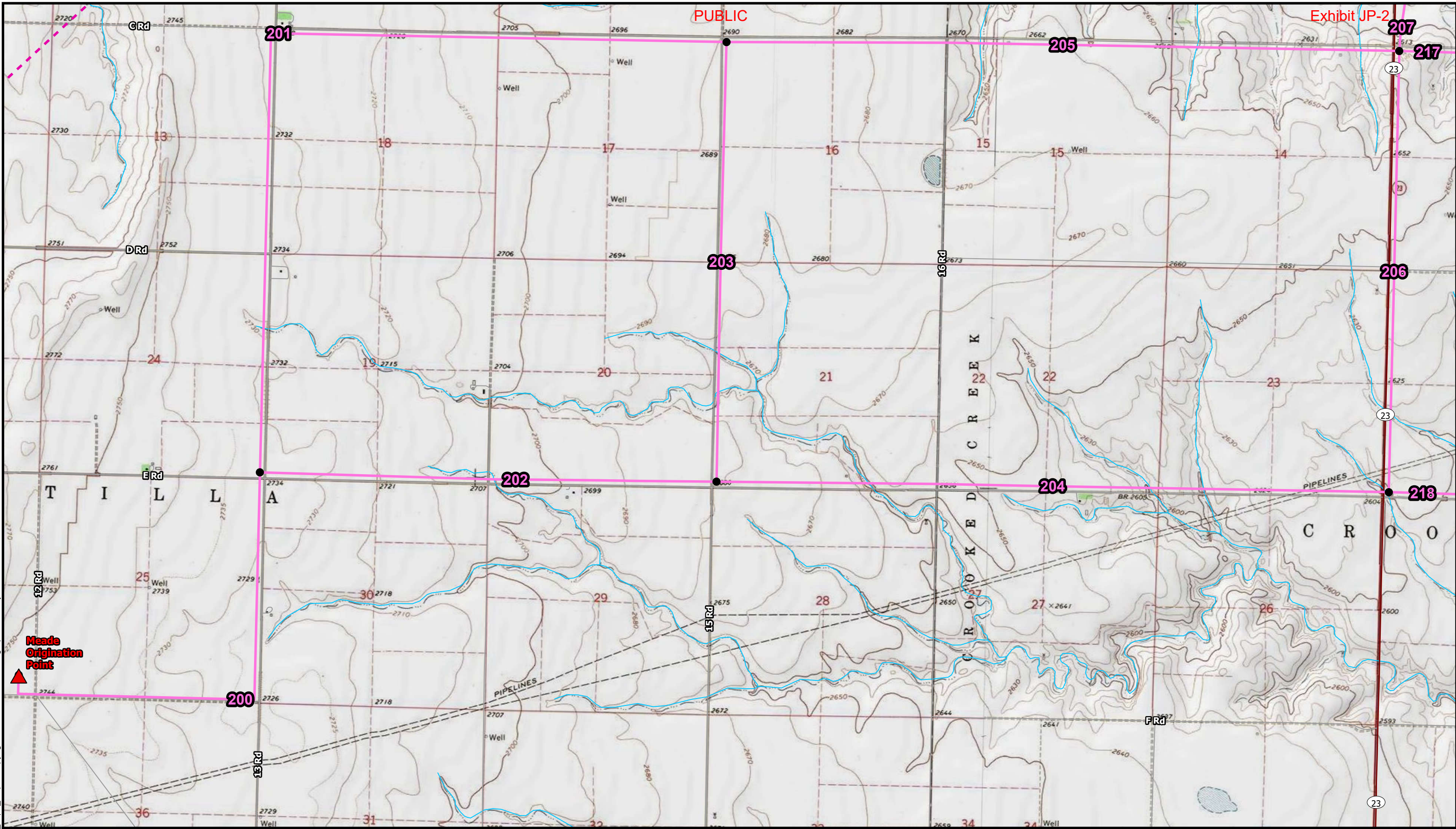


Figure B-2
 Bucklin Line Proposed Route
 Kansas AC Collector System
 Grain Belt Express
 Ford County
 Page 3 of 3
 Exhibit JP-2

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Meade Line

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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

Locator Map

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PUBLIC

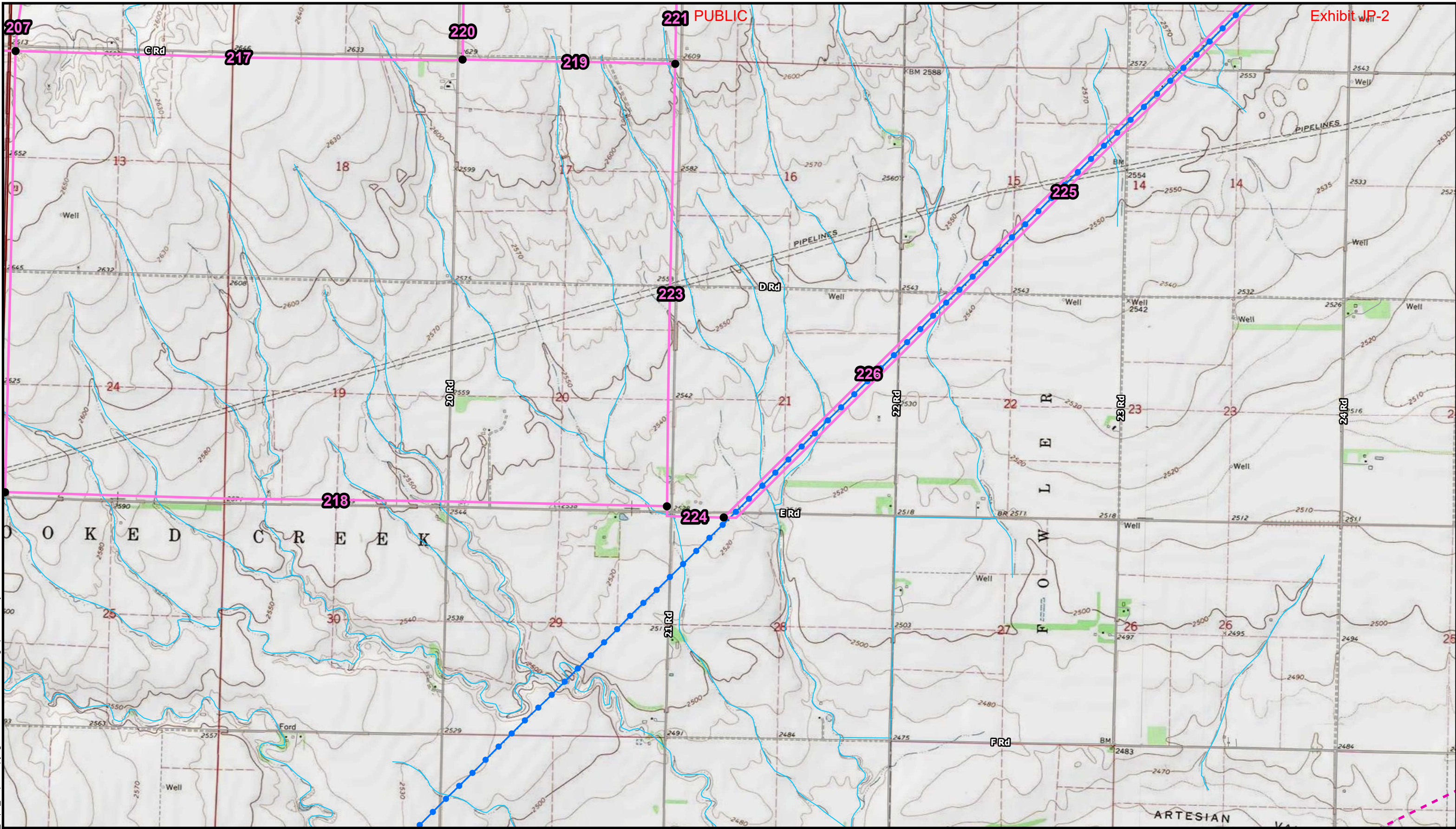
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US Feet

NORTH



Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Exhibit JP-2



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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

Locator Map

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PUBLIC

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US Feet

NORTH



Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties

Page 109 of 506

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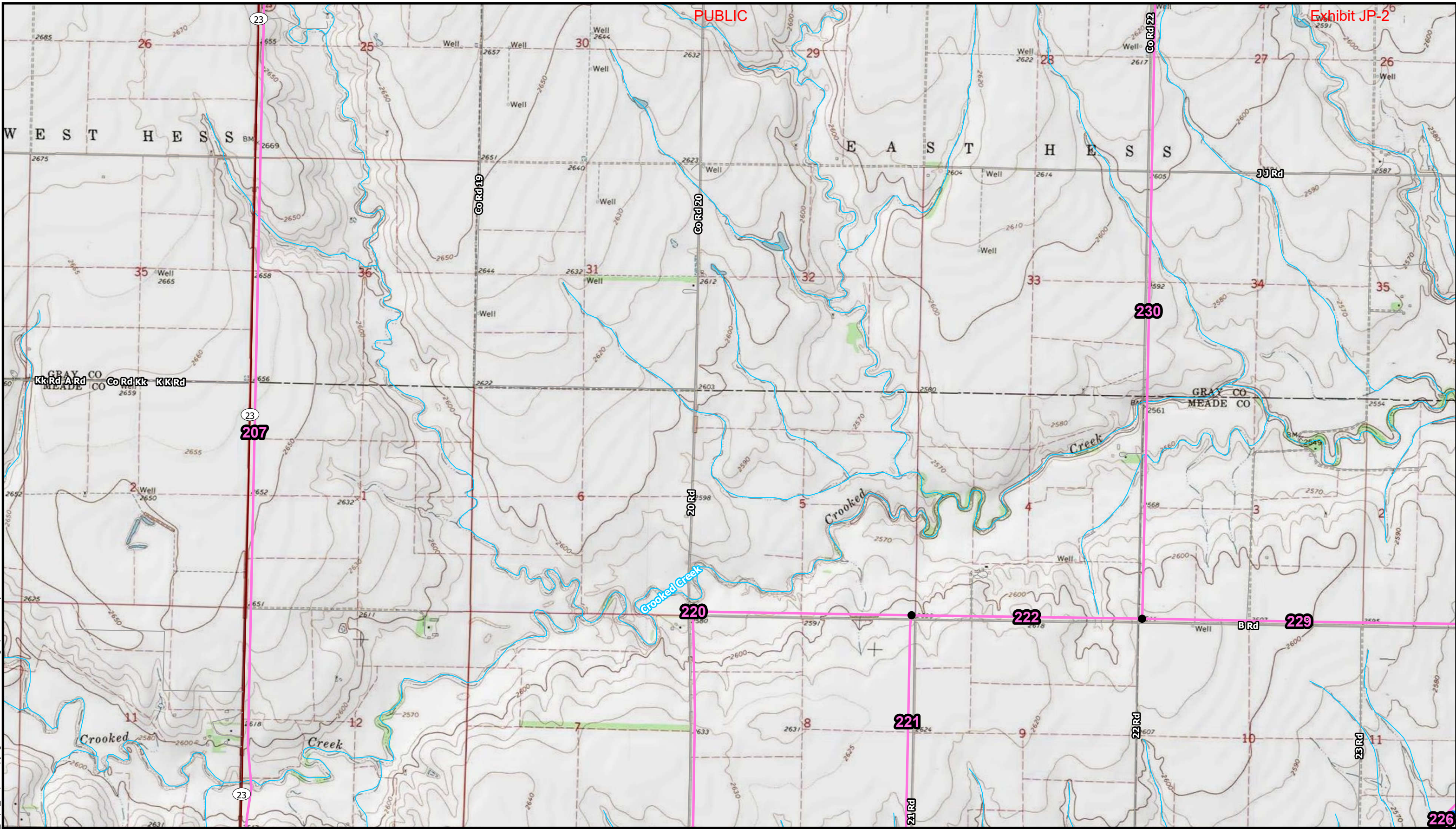


Exhibit JP-2

Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

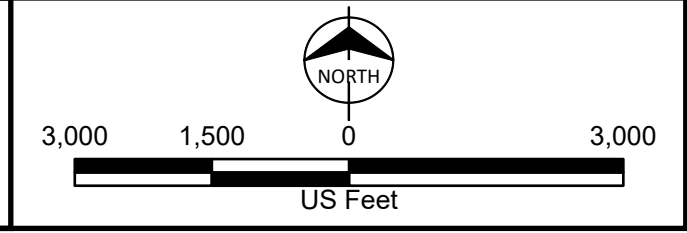
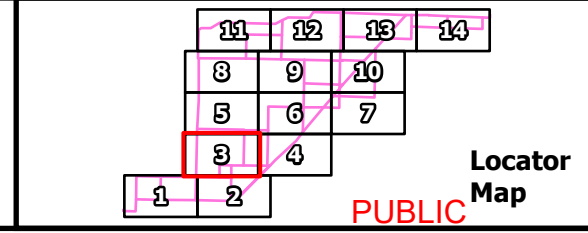
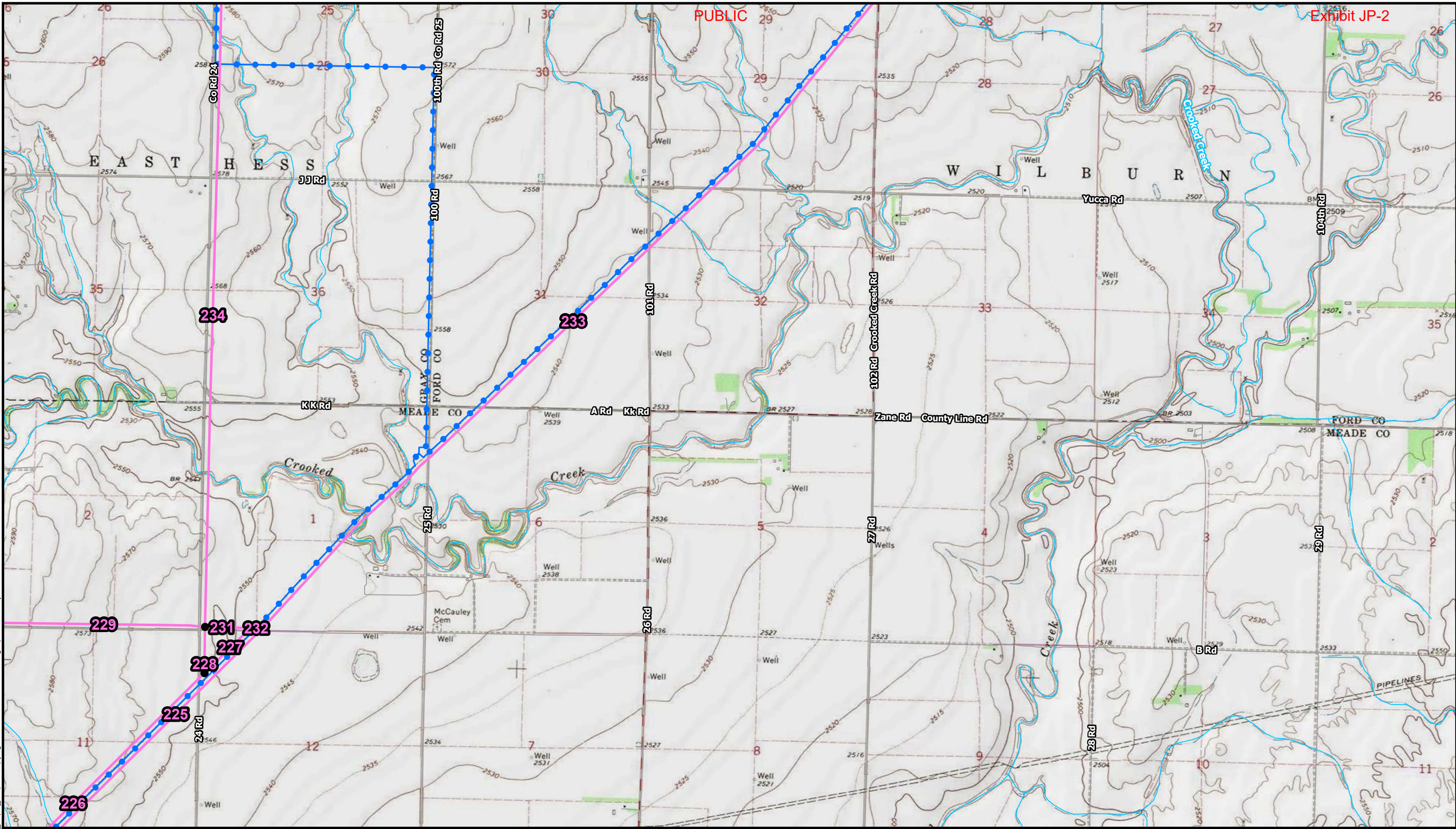


Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Exhibit JP-2



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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

Locator Map

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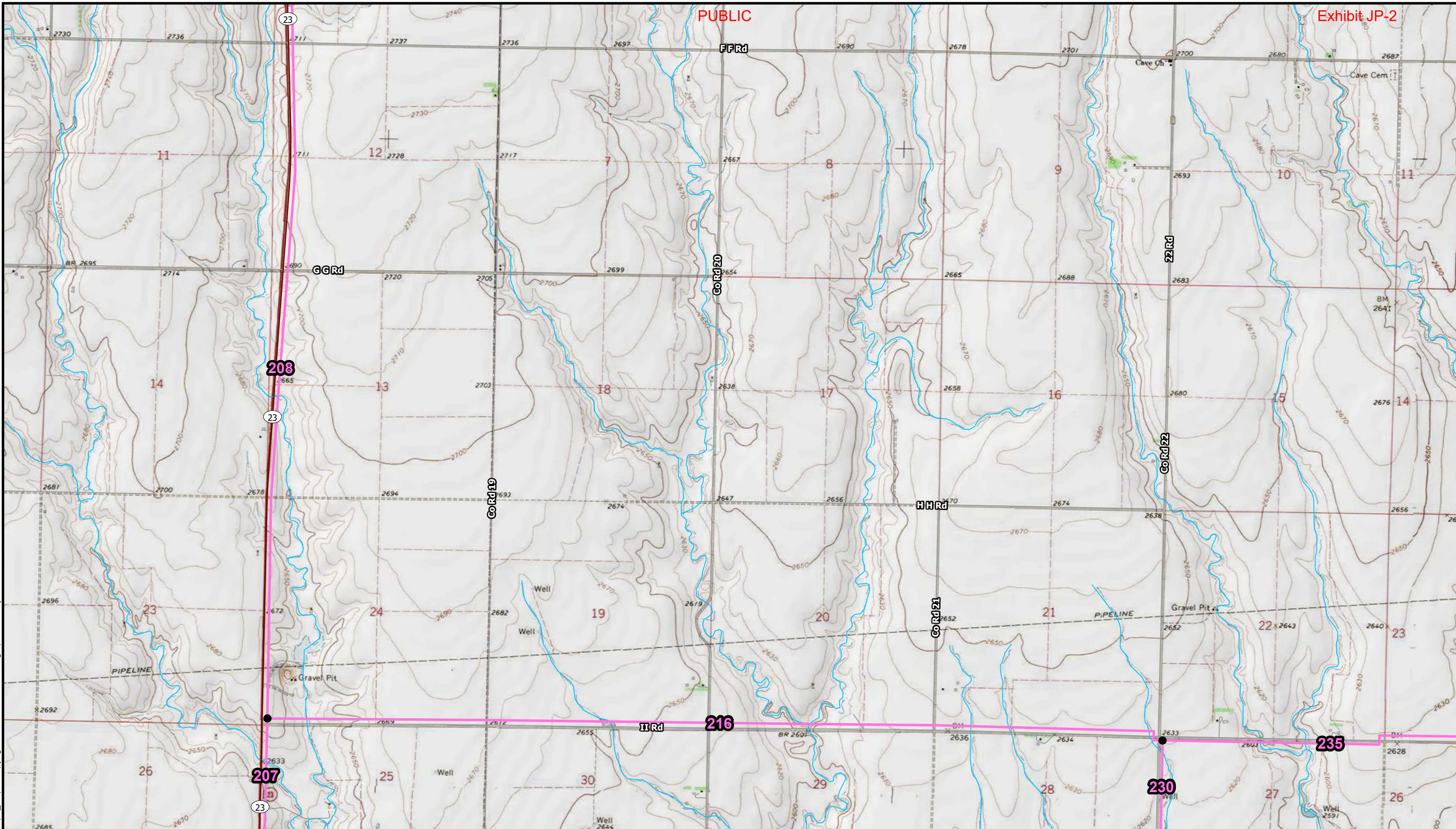
US Feet

NORTH



Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties

Exhibit JP-2



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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

Locator Map

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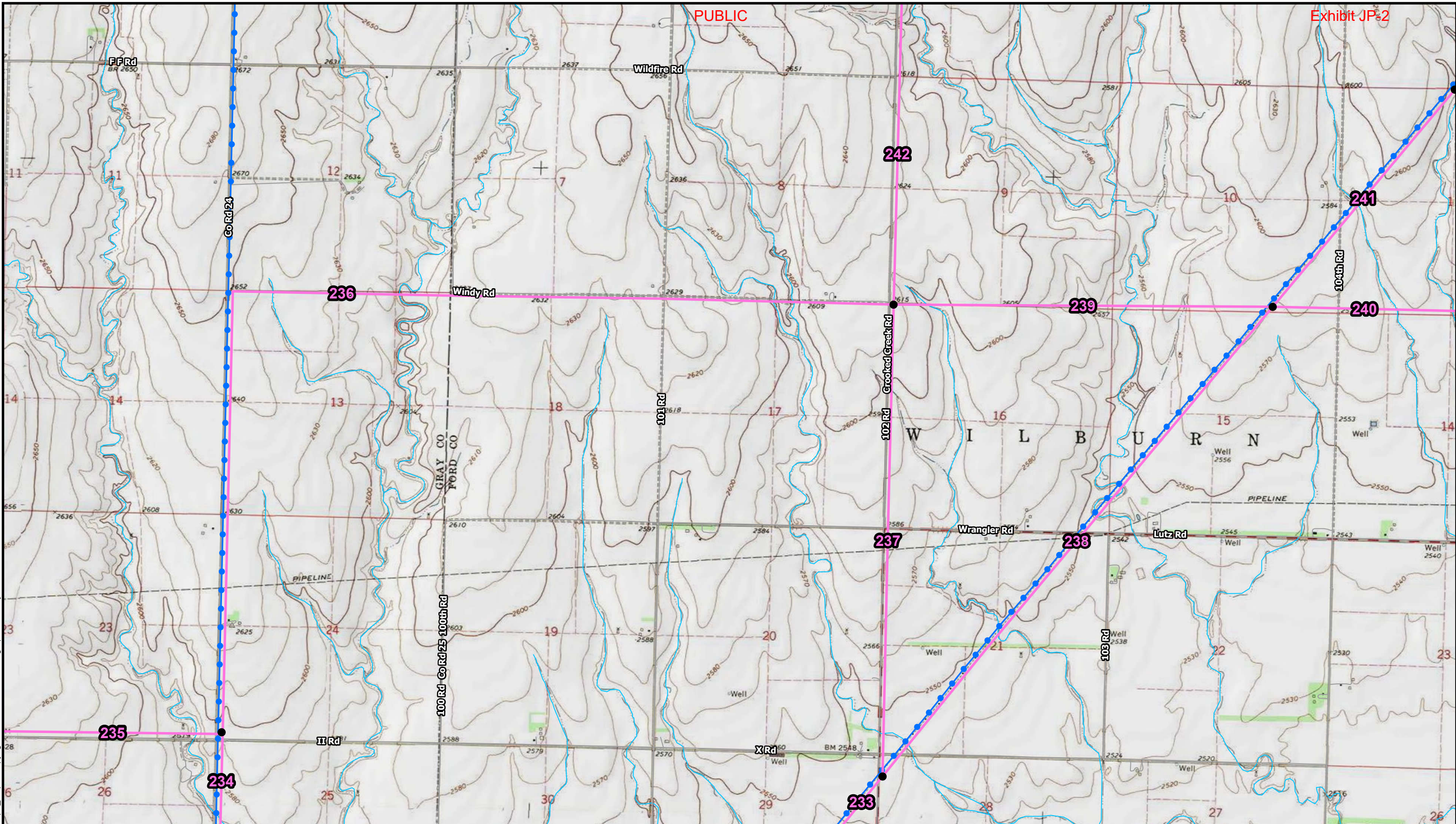
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US Feet

NORTH



Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties



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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

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Locator Map

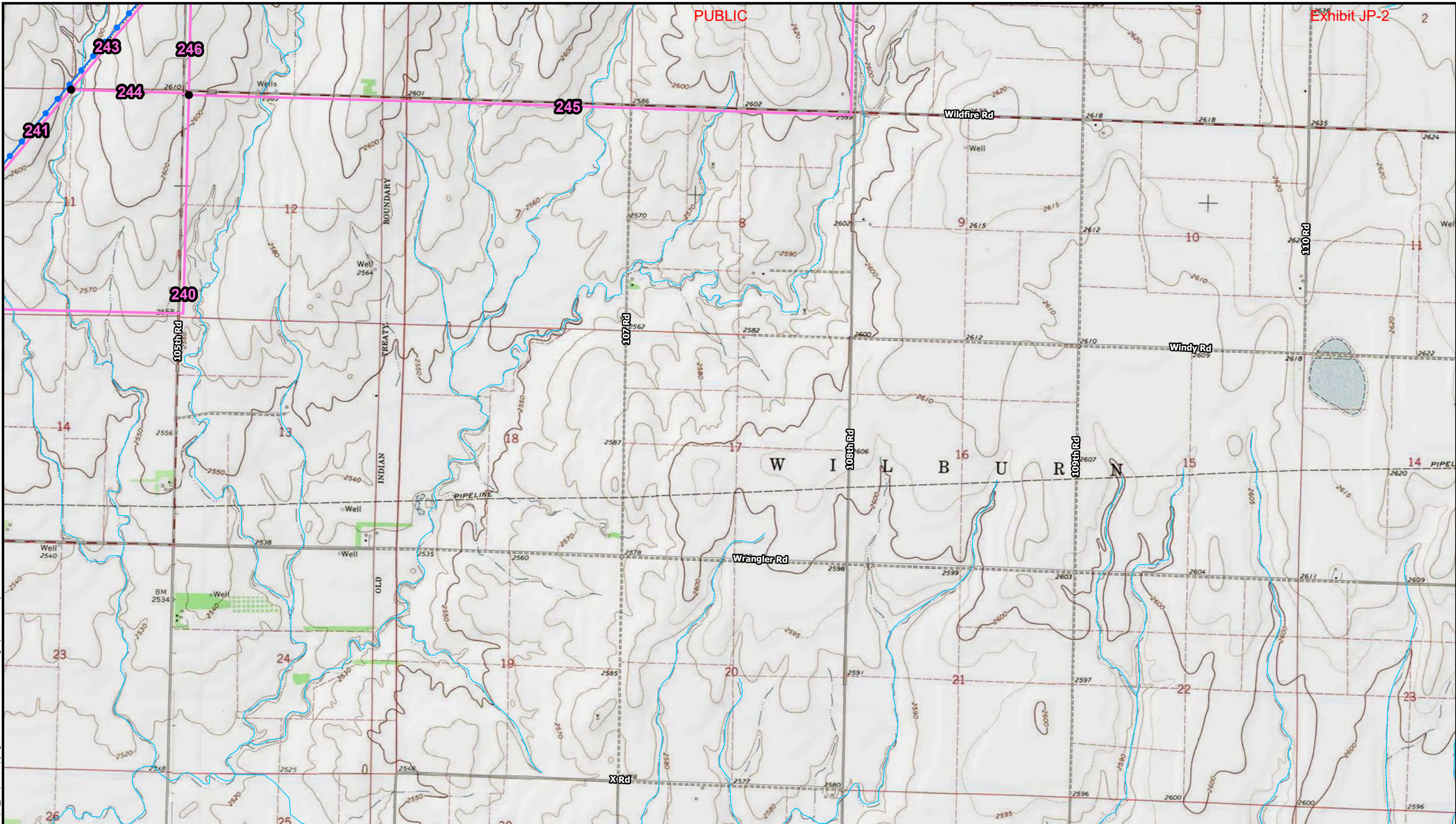
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US Feet

NORTH



Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties



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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

Locator Map

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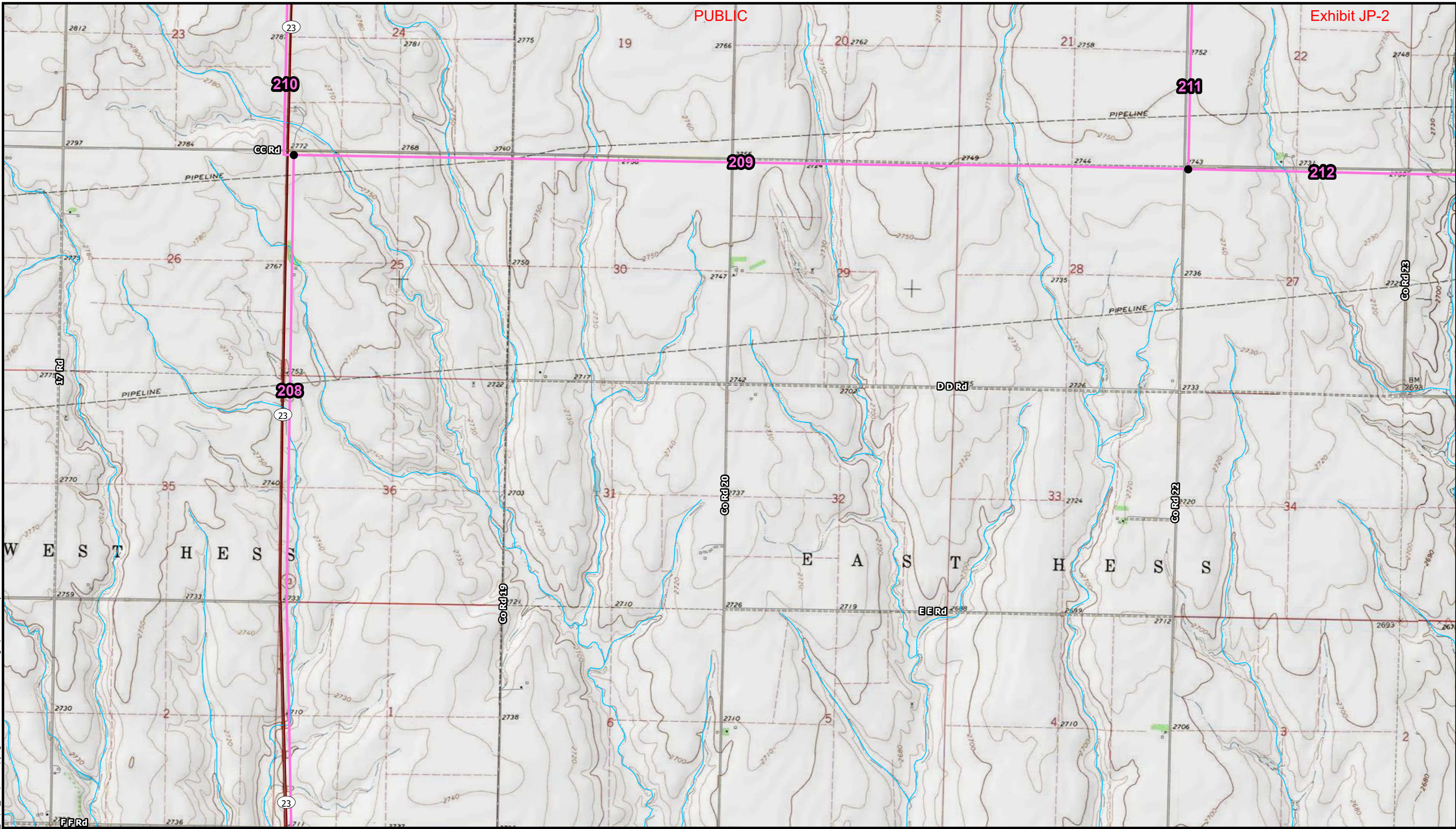
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US Feet

NORTH



Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties



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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

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Locator Map

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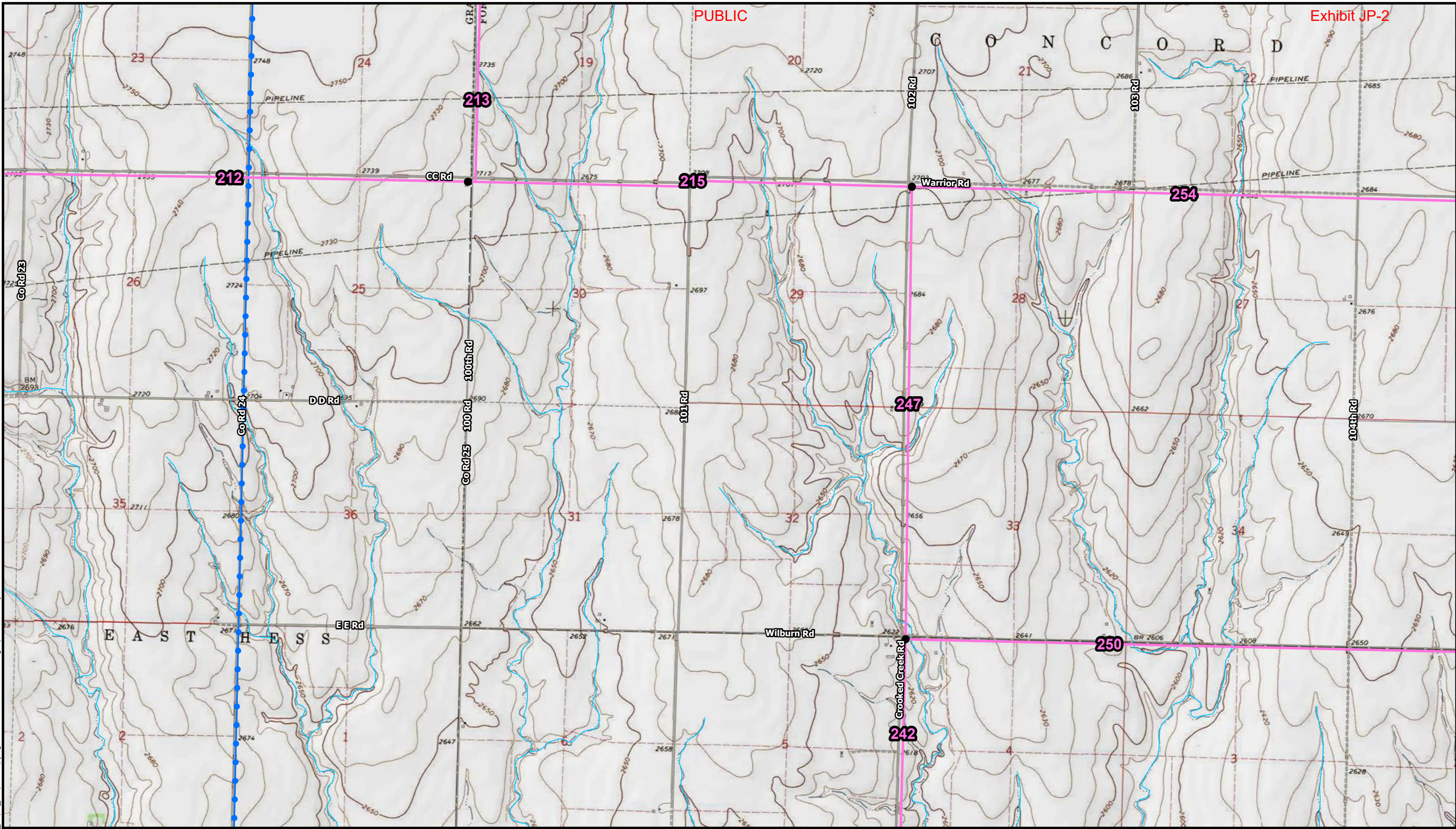
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US Feet

NORTH



Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties



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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

Locator Map

PUBLIC

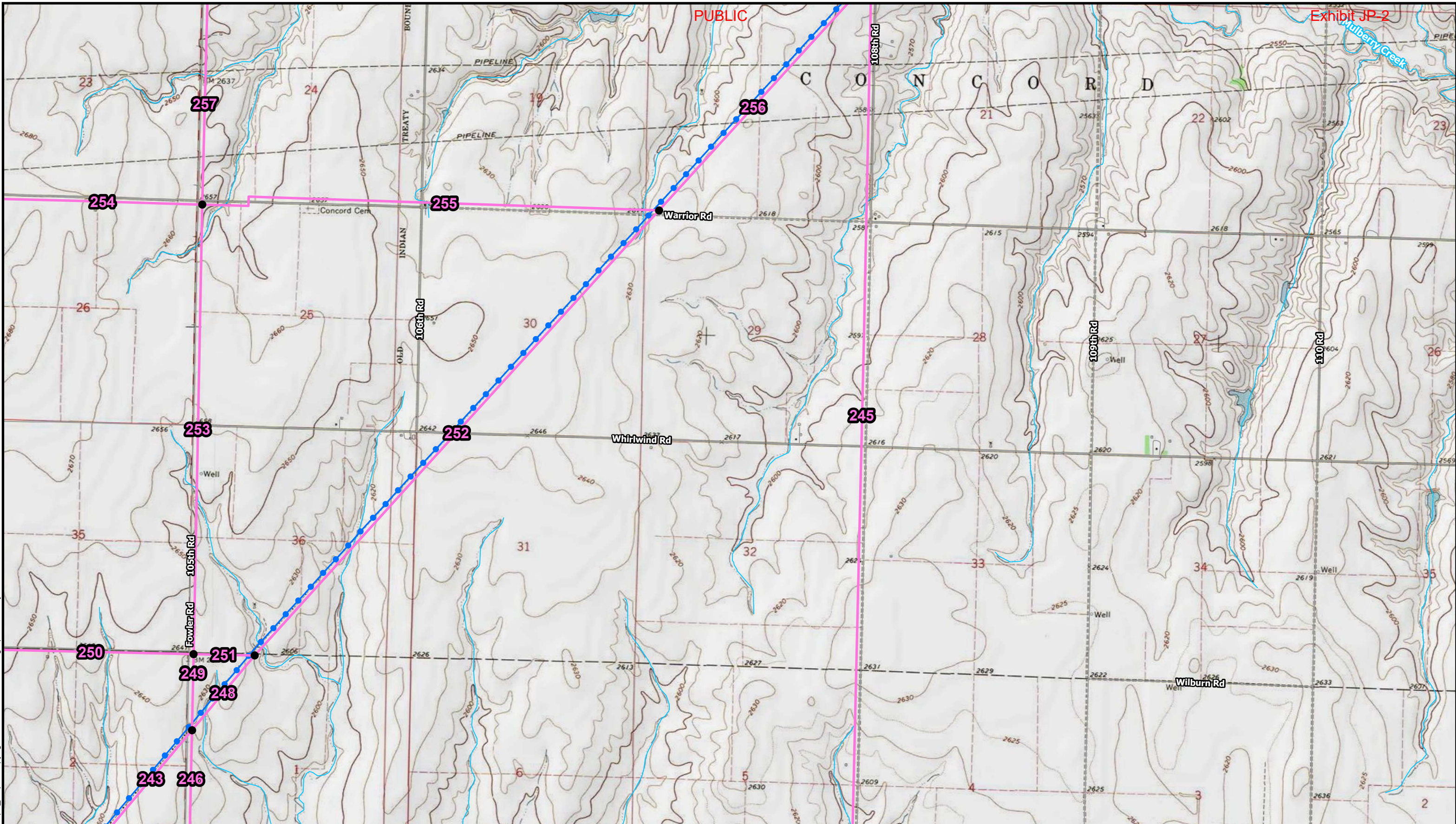
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US Feet



Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties

Page 116 of 506



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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

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Locator Map

PUBLIC

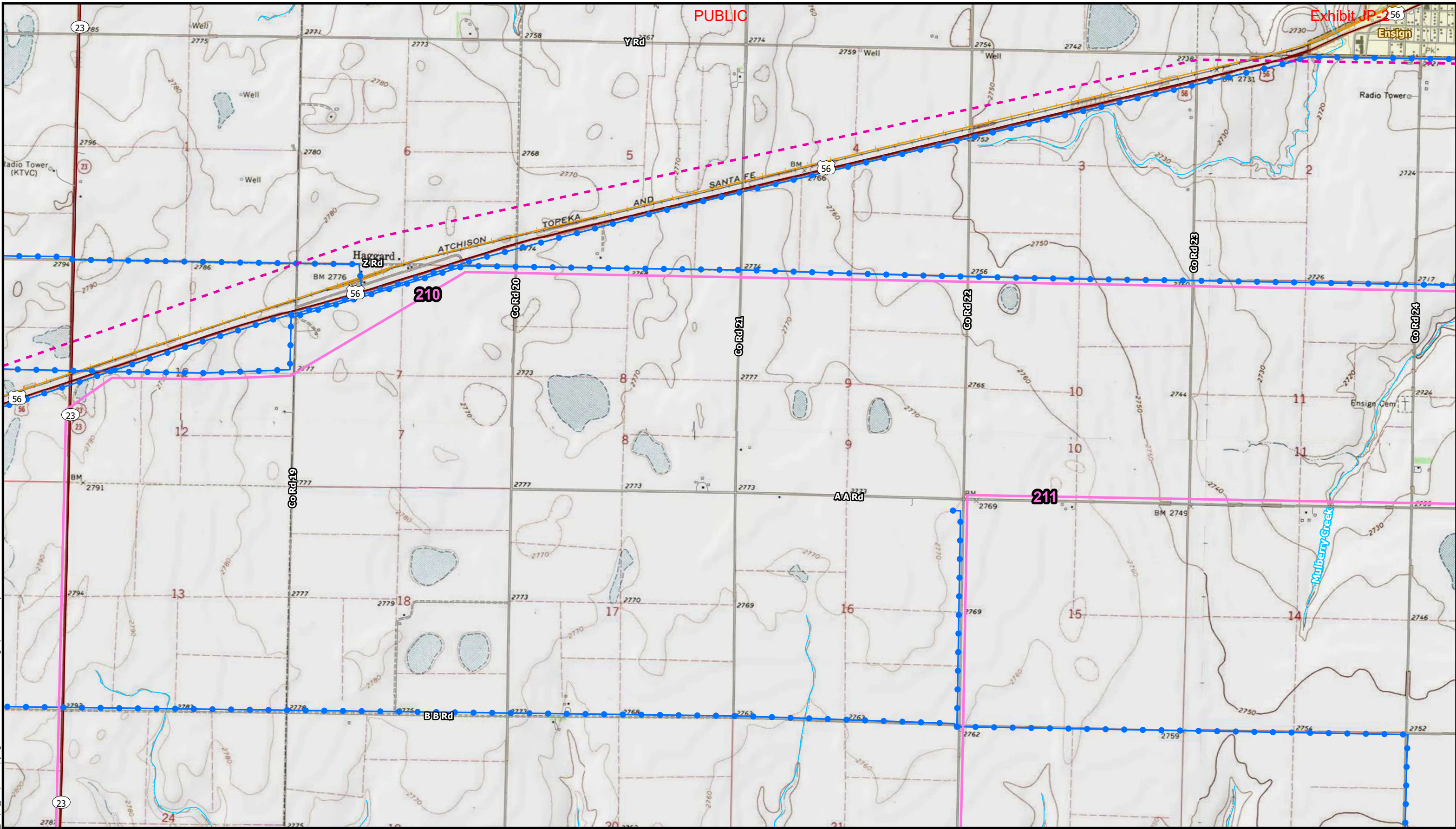
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US Feet



Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Exhibit JP-2

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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

Locator Map

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PUBLIC

3,000 1,500 0 3,000

US Feet

NORTH



Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Exhibit JP-2

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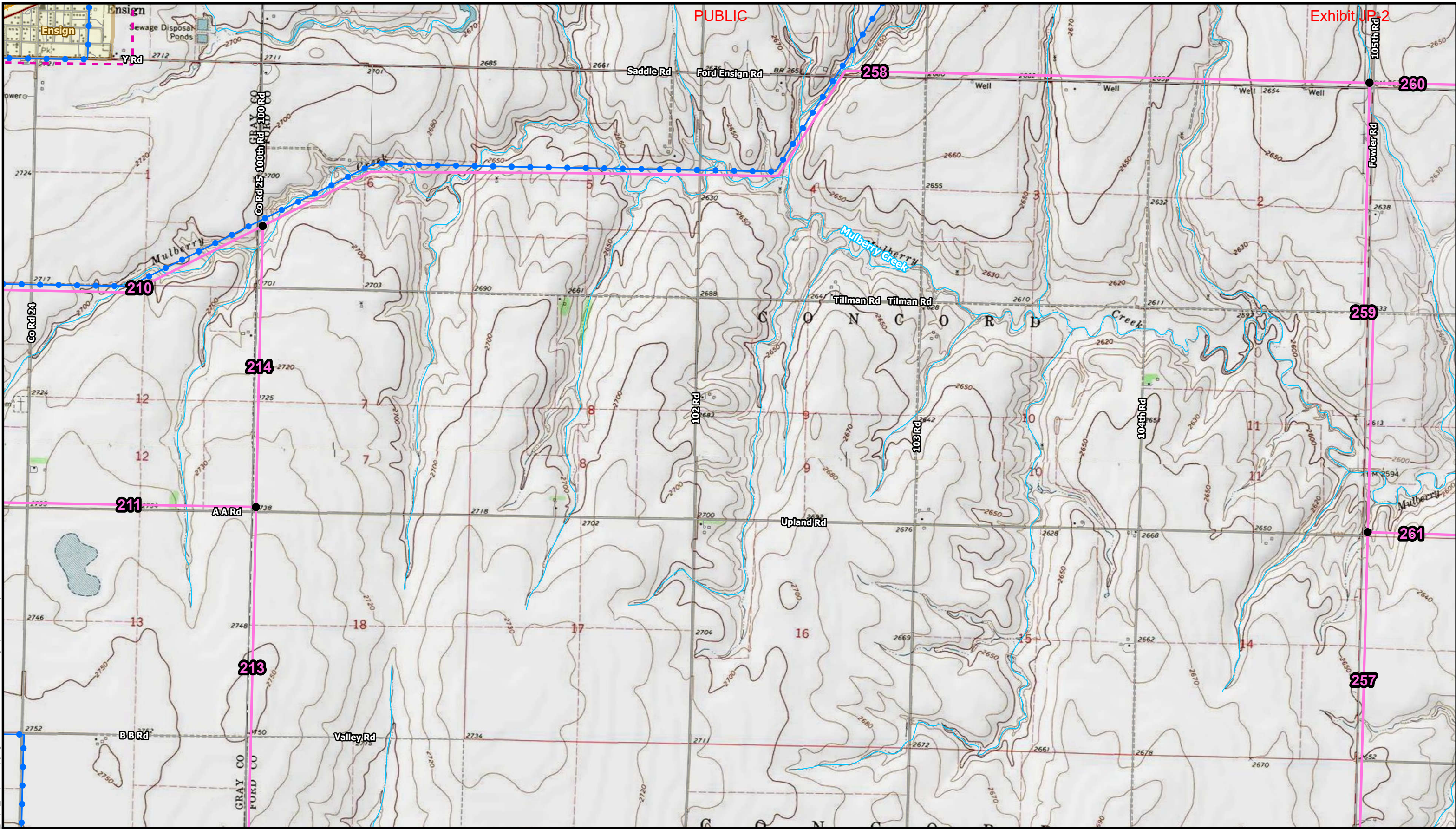


Exhibit JP 2

Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

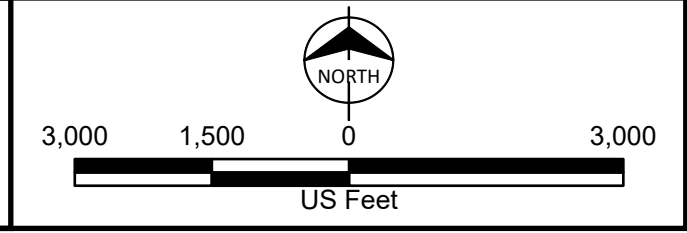
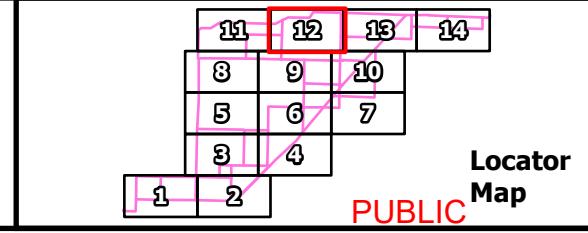
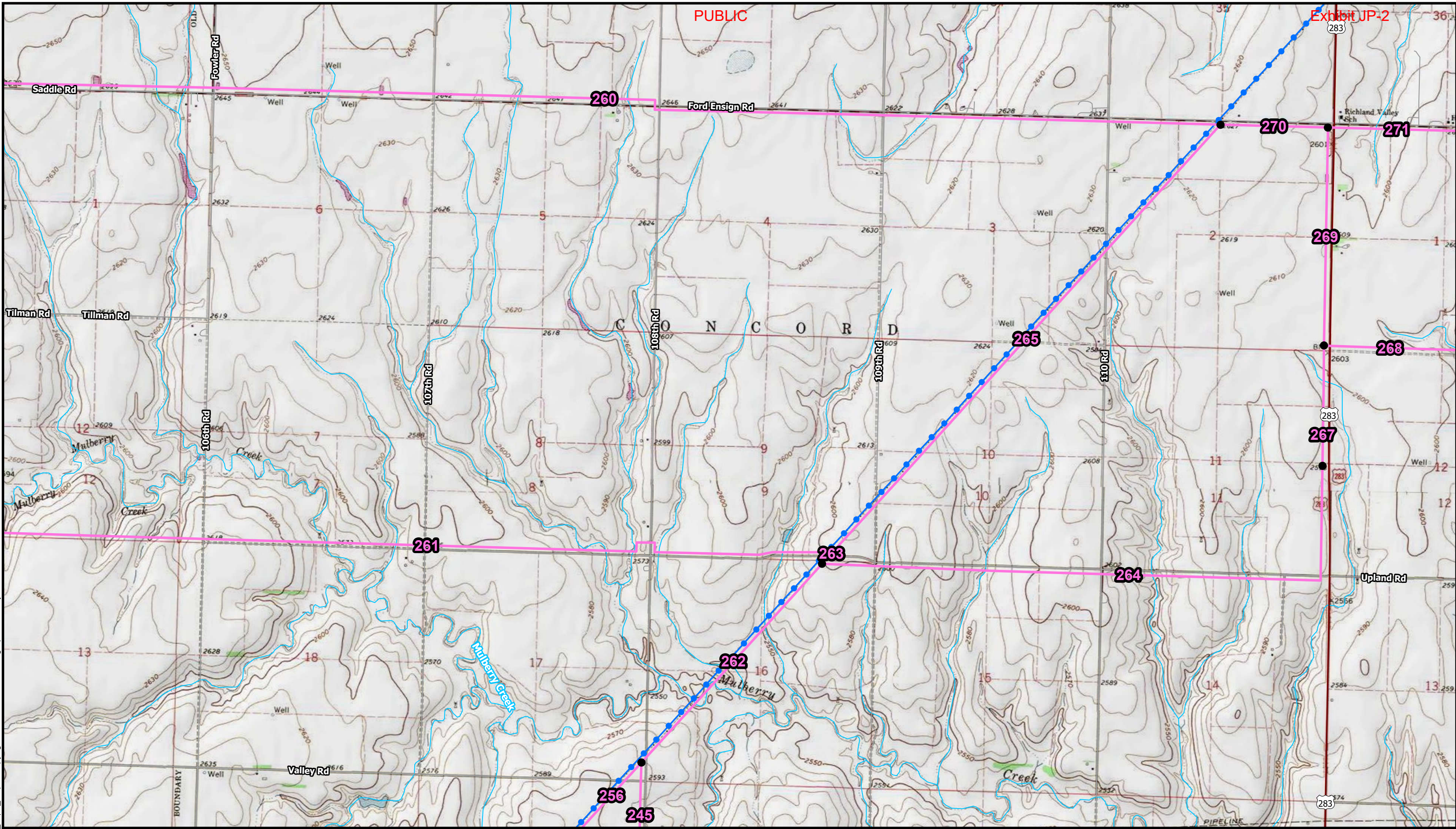


Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Exhibit JP 2

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Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

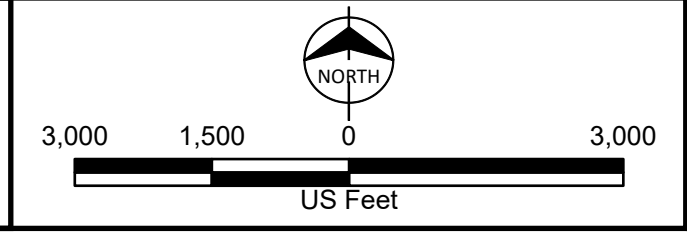
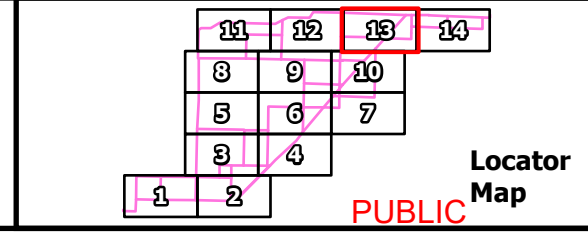


Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Exhibit JP-2

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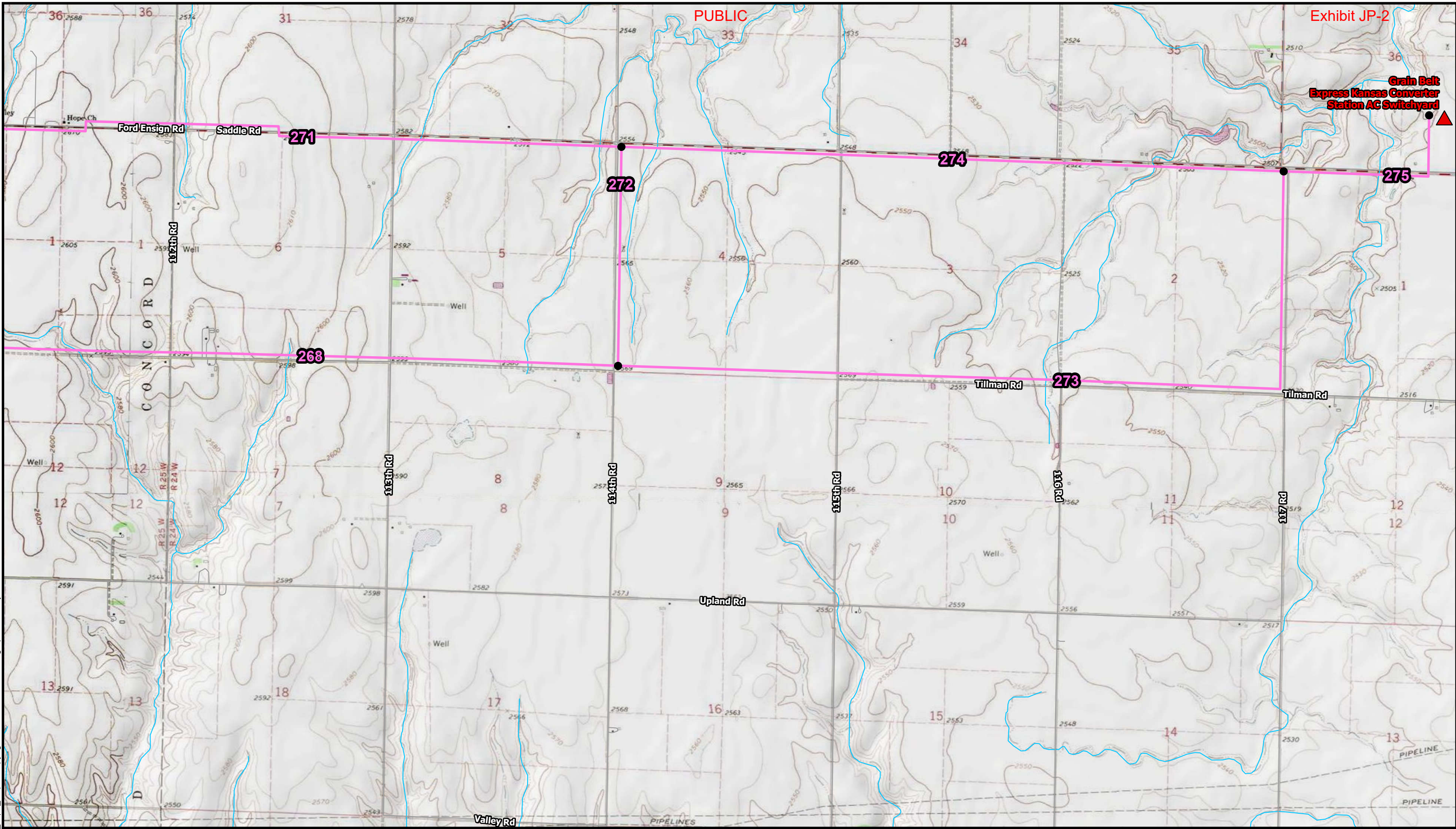


Exhibit JP-2

Grain Belt Express
 Kansas Converter
 Station AC Switchyard

Project Endpoint	Railroad	Existing Transmission Line
Refined Route Link Endpoint	Highway	115kV
Refined Route Link	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

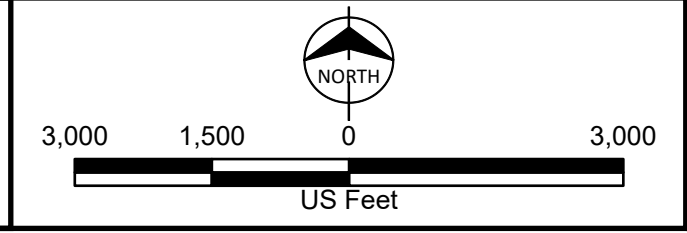
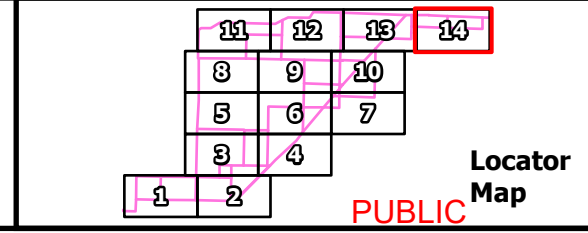
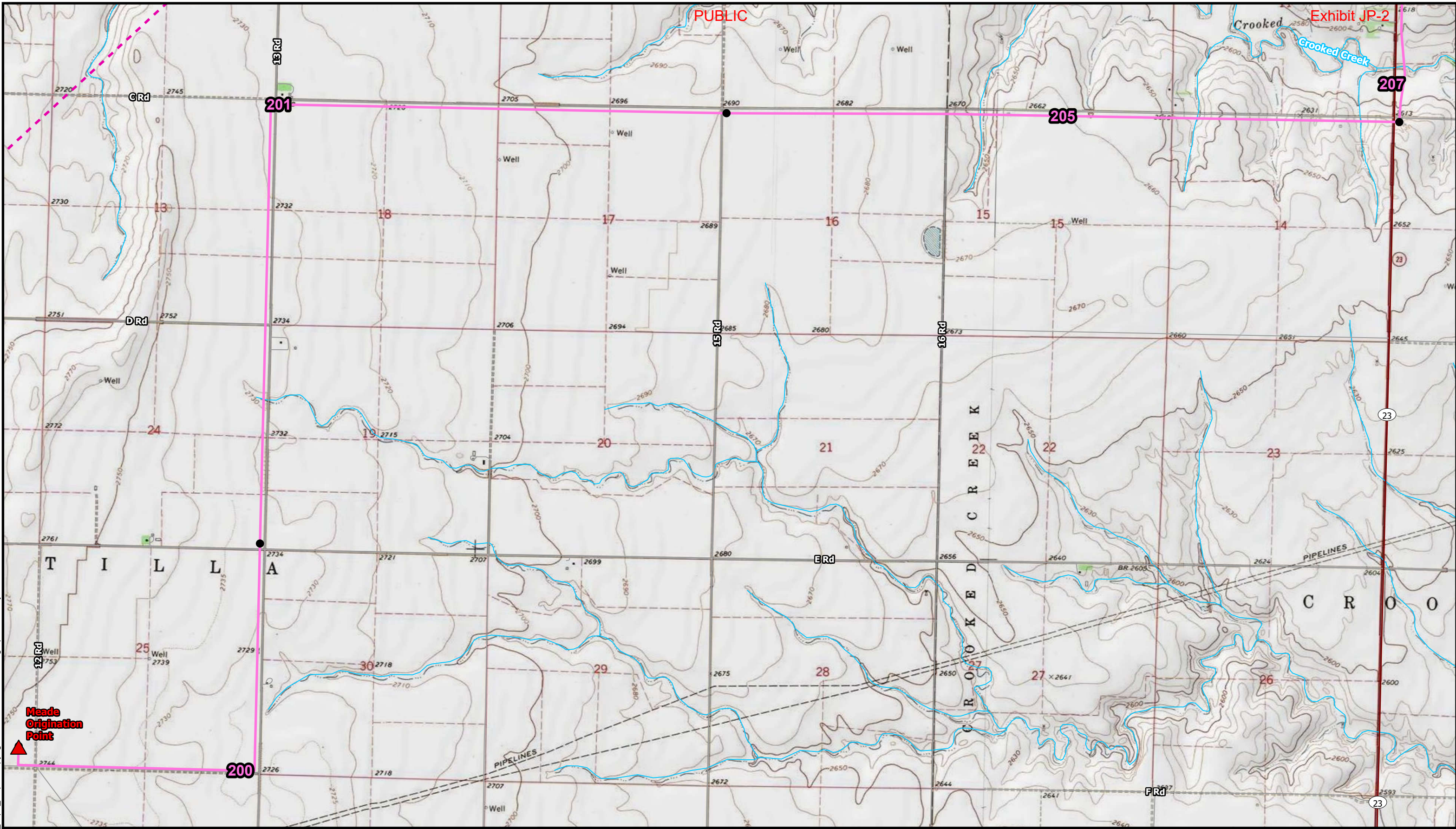


Figure B-3
 Meade Line
 Refined Alternate Route Network
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Exhibit JP-2

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Project Endpoint	Railroad	Existing Transmission Line
Proposed Route Link Endpoint	Highway	115kV
Proposed Route (Route 12)	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

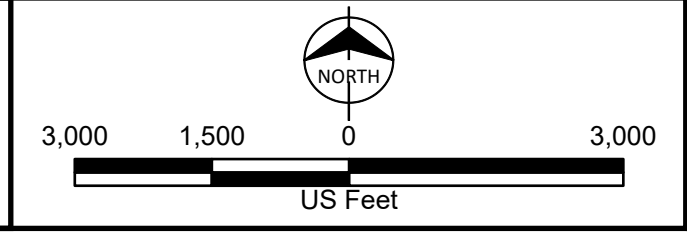
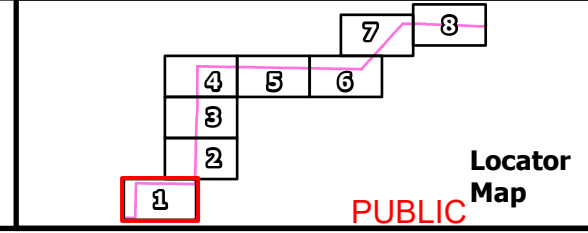
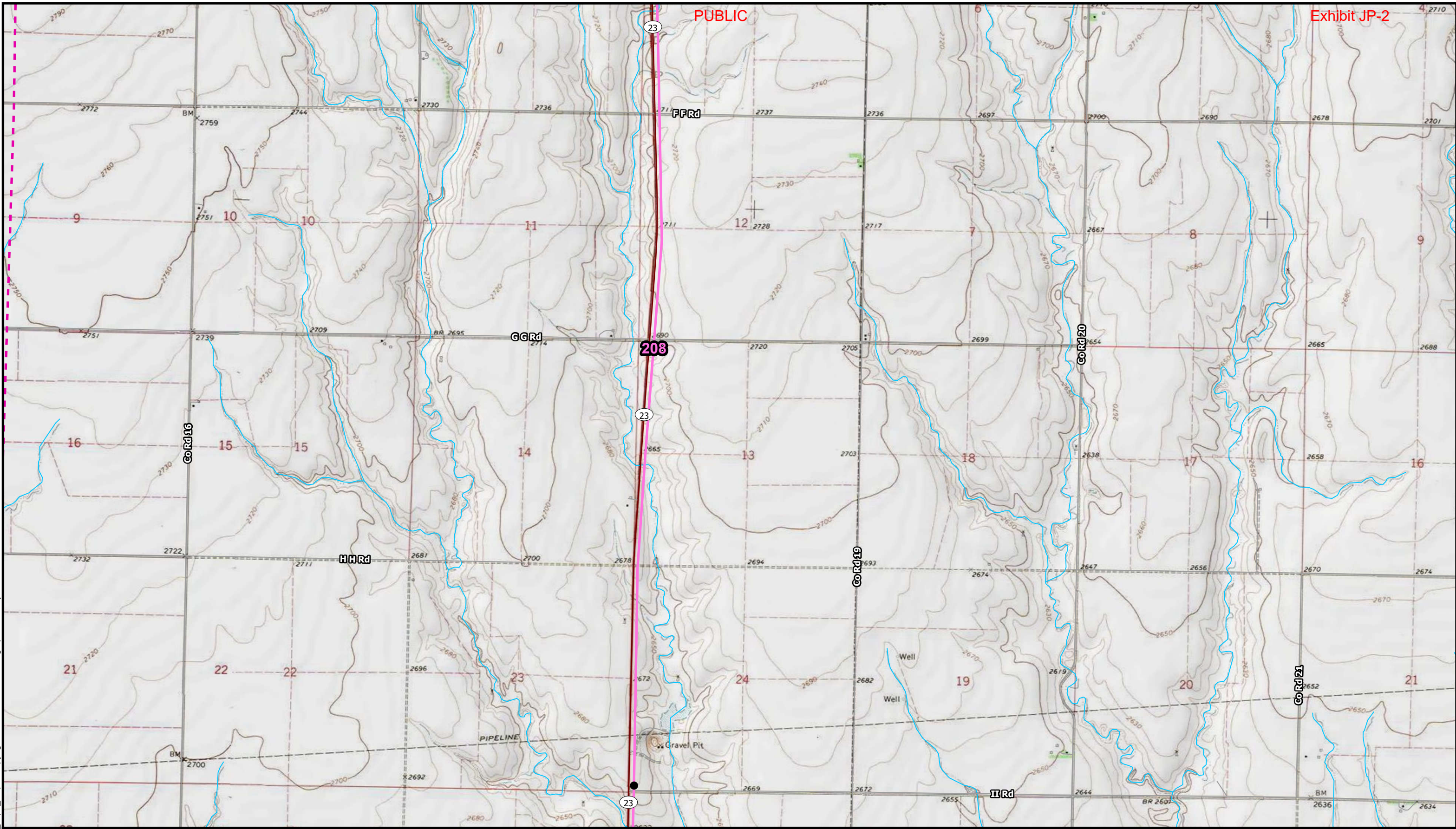
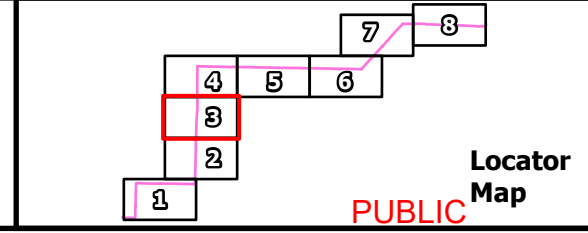


Figure B-4
 Meade Line Proposed Route
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Page 1 of 8
 Exhibit JP-2



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Project Endpoint	Railroad	Existing Transmission Line
Proposed Route Link Endpoint	Highway	115kV
Proposed Route (Route 12)	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

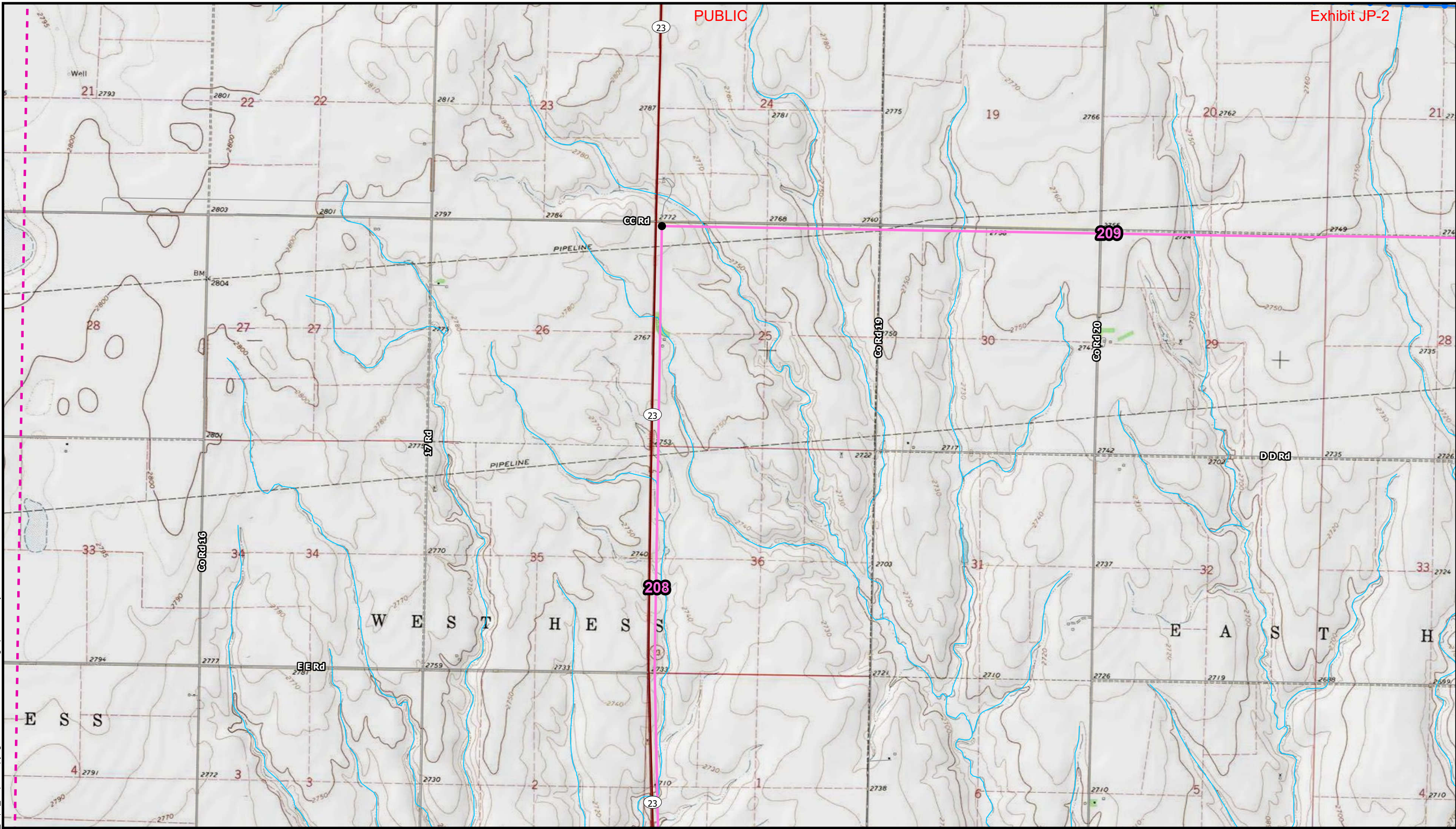


NORTH

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US Feet

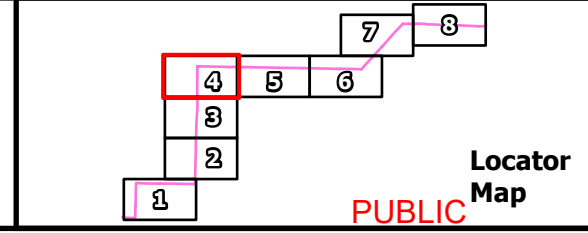


Figure B-4
 Meade Line Proposed Route
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Page 3 of 8
Exhibit JP-2



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Project Endpoint	Railroad	Existing Transmission Line
Proposed Route Link Endpoint	Highway	115kV
Proposed Route (Route 12)	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

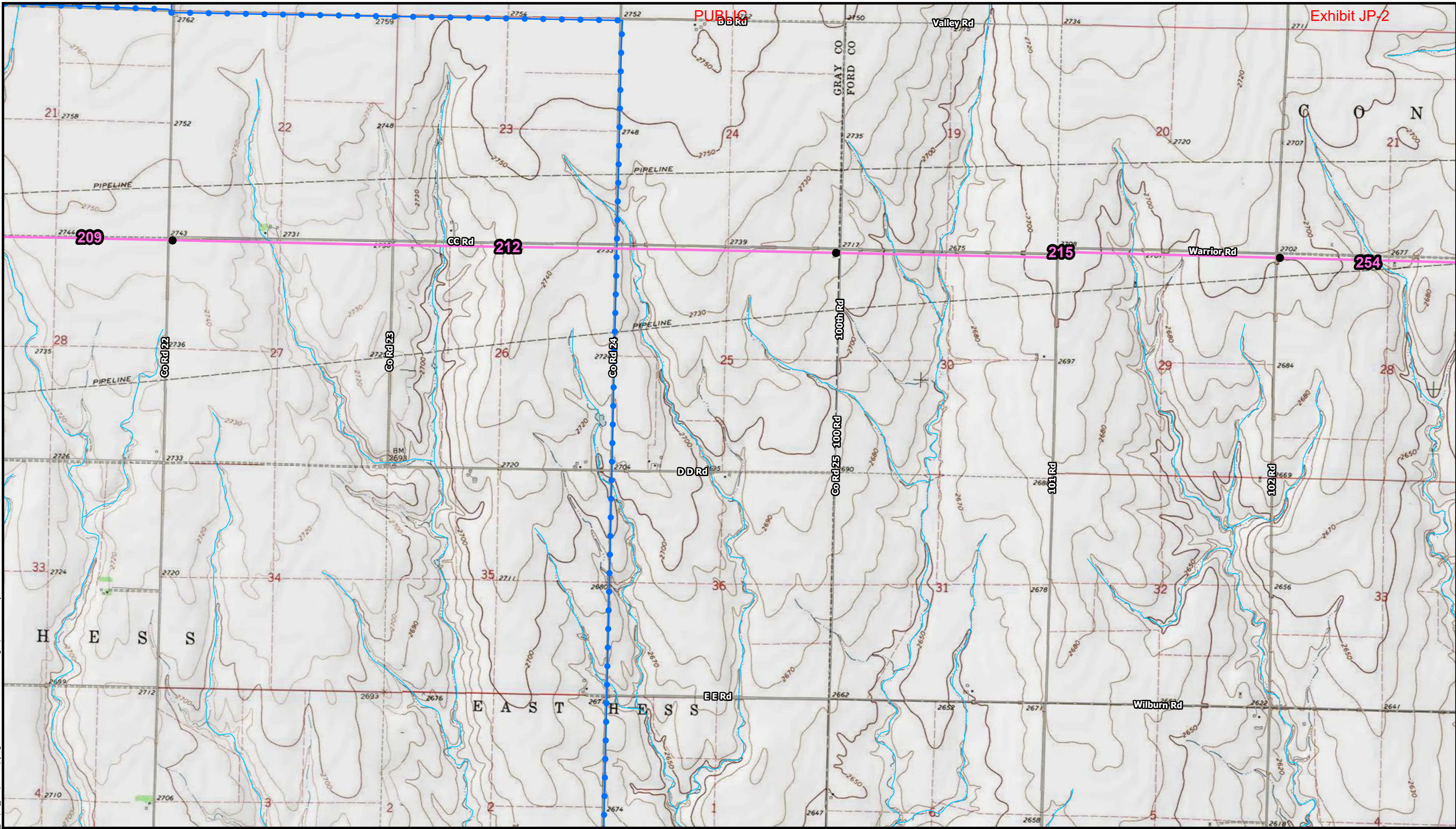


NORTH

3,000 1,500 0 3,000
US Feet



Figure B-4
 Meade Line Proposed Route
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Page 4 of 8
 Exhibit JP-2



Project Endpoint	Railroad	Existing Transmission Line
Proposed Route Link Endpoint	Highway	115kV
Proposed Route (Route 12)	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

Locator Map

3,000 1,500 0 3,000

US Feet

NORTH



Figure B-4
 Meade Line Proposed Route
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Page 5 of 8
 Exhibit JP-2

Path: C:\Desktop\Q\Inventory\GrainBeltAC\GrainBeltAC_Pro.aprx_catenbus_5/15/2024
 Service Layer Credits: USA_Topo_Maps: Copyright: © 2013 National Geographic Society, I-clubed

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 Service Layer Credits: USA_Topo_Maps: Copyright: © 2013 National Geographic Society, I-cubed

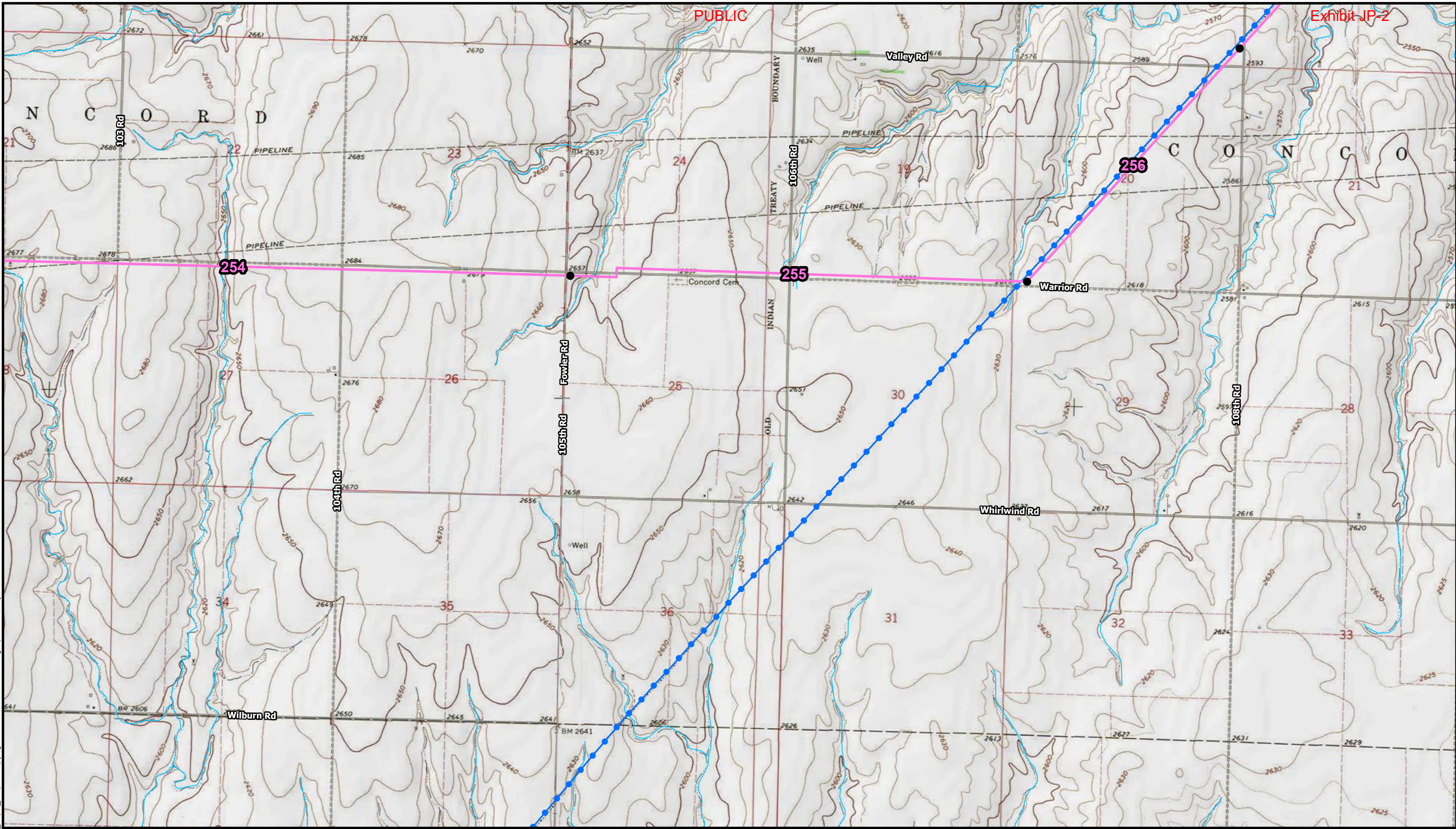


Exhibit JP-2

Project Endpoint	Railroad	Existing Transmission Line
Proposed Route Link Endpoint	Highway	115kV
Proposed Route (Route 12)	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

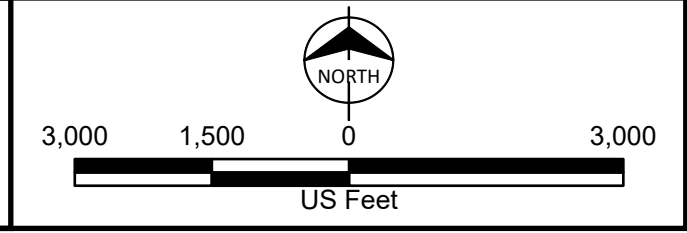
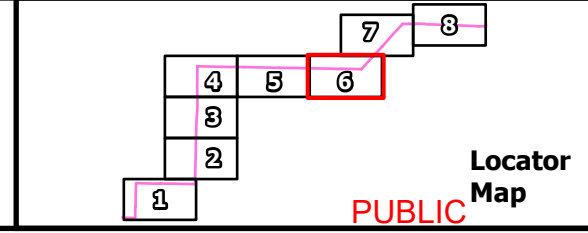


Figure B-4
 Meade Line Proposed Route
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Page 6 of 8
 Exhibit JP-2

Path: C:\Desktop\Q\Inventory\GrainBelt\AC\GrainBelt\AC_Pro.aprx_catenbus_5/15/2024
 Service Layer Credits: USA_Topo_Maps: Copyright © 2013 National Geographic Society, I-clubed

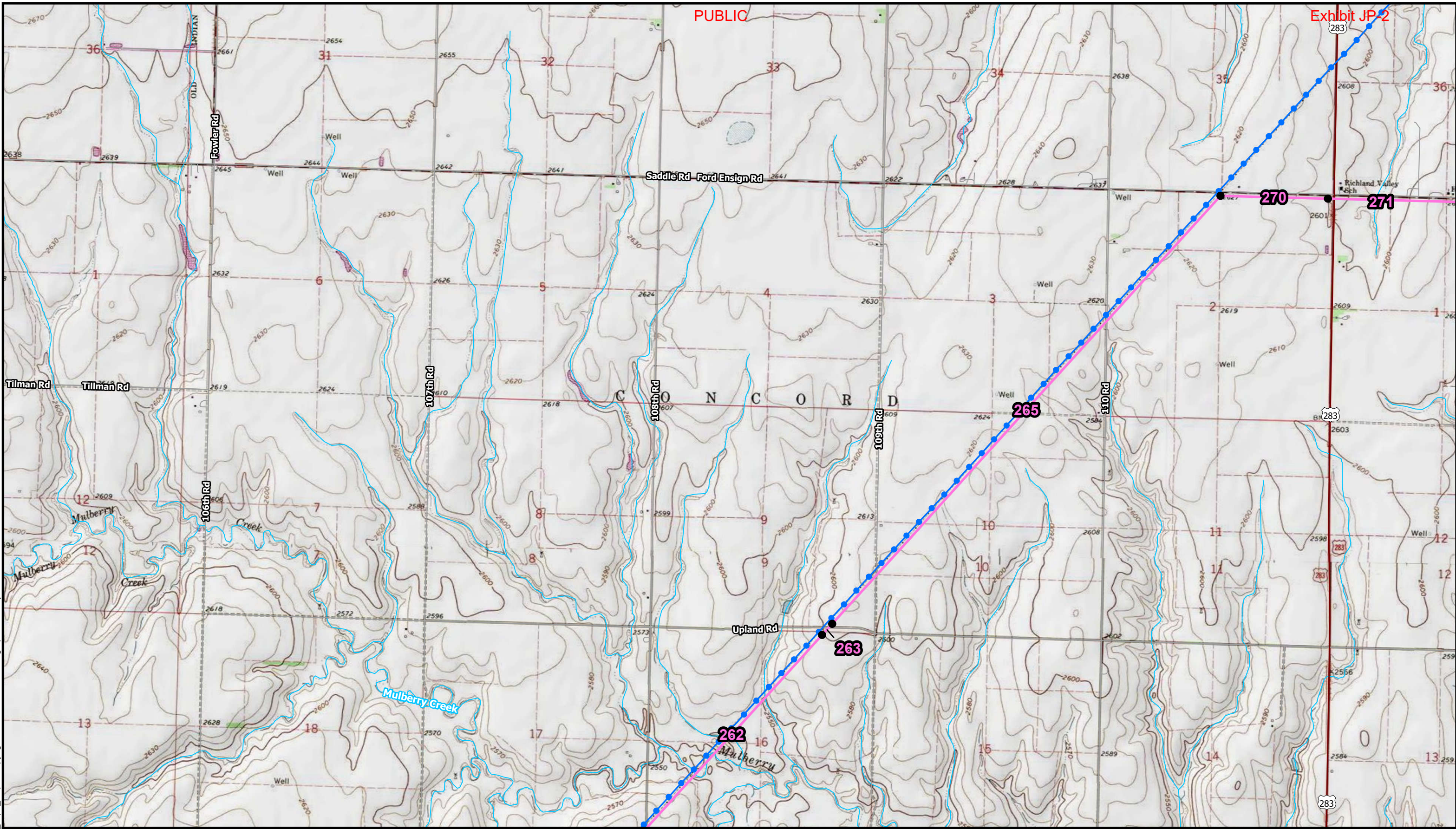


Exhibit JP-2

Project Endpoint	Railroad	Existing Transmission Line
Proposed Route Link Endpoint	Highway	115kV
Proposed Route (Route 12)	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

Locator Map

Scale

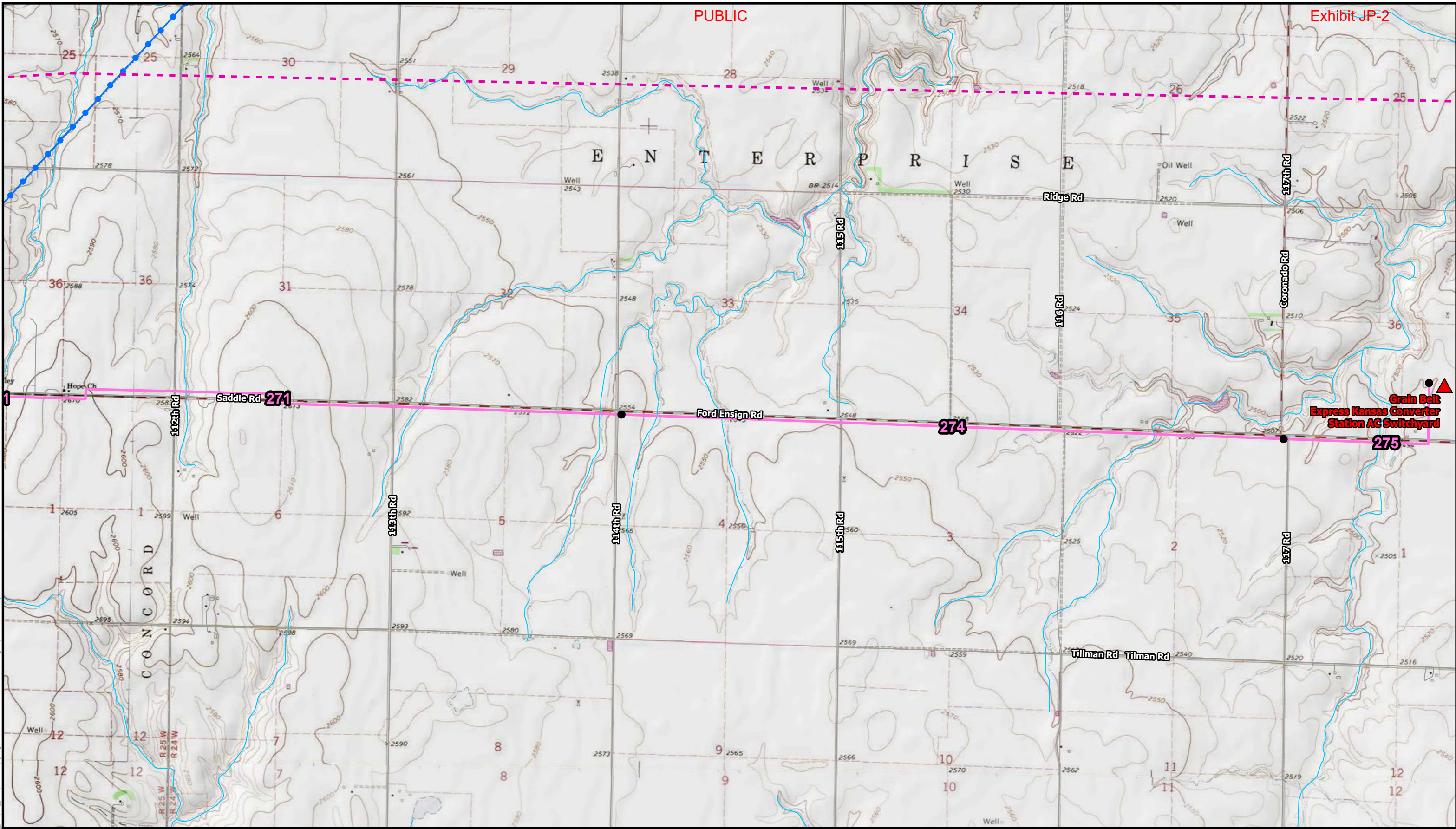
3,000 1,500 0 3,000

US Feet



Figure B-4
 Meade Line Proposed Route
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Page 7 of 8
 Exhibit JP-2

PUBLIC



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 Service Layer Credits: USA_Topo_Maps: Copyright © 2013 National Geographic Society, I-cubed

Project Endpoint	Railroad	Existing Transmission Line
Proposed Route Link Endpoint	Highway	115kV
Proposed Route (Route 12)	Local Road	345kV
Route Link Number	NHD Stream/River	
Study Area	Municipal Boundary	

Locator Map

Scale

North Arrow



Figure B-4
 Meade Line Proposed Route
 Kansas AC Collector System
 Grain Belt Express
 Ford, Gray, and Meade Counties
 Page 8 of 8
 Exhibit JP-2

APPENDIX C – AGENCY CORRESPONDENCE

Bucklin Line

**Agency Contact List
Bucklin Project**

Agency	Position	First	Last	Address	City	State	Zip Code	Number	Email
Environmental Protection Agency	Region 7 Administrator	Meg	McCollister	11201 Renner Blvd	Lenexa	KS	66219	913-551-7006	r7actionline@epa.gov
National Parks Service	Midwest Regional Director	Bert	Frost	601 Riverfront Dr	Omaha	NE	68102-4226	402-661-1736	
U.S. Fish and Wildlife Service	Kansas Field Office Project Leader	Jason	Luginbill	2609 Anderson Ave	Manhattan	KS	66502	785-313-0772	
U.S. Army Corps of Engineers	Program Manager- Kansas City District	Chris	Hussin	601 East 12th Street	Kansas City	MO	64106	816-389-3990	Regulatory.KansasCity@usace
Kansas Department of Wildlife and Parks	Ecological Review	Zac	Eddy	512 SE 25th Avenue	Pratt	KS	67124	620-227-8609	Zac.eddy@ks.gov
Kansas Department of Agriculture	Division of Water Resources - Chief Engineer	Earl	Lewis	1320 Research Park Drive	Manhattan	KS	66502	785-564-6640	Earl.Lewis@ks.gov
Kansas Department of Agriculture	Division of Conservation - Director	Andrew	Lyon	1320 Research Park Drive	Manhattan	KS	66502	785-564-6620	Andrew.Lyon@ks.gov
Kansas Department of Health and Environment	Southwest District Environmental	Wade	Kleven	302 W McArtor Road	Dodge City	KS	67801-6014	620-682-7940	Wade.Kleven@ks.gov
Kansas State Historical Society	Deputy State Historic Preservation Officer	Patrick	Zollner	6425 SW 6th Avenue	Topeka	KS	66615-1099	785-272-8681	Patrick.zollner@ks.gov
Natural Resource Conservation Service	Kansas State Conservationist	Eric	Allness	760 S Broadway Blvd	Salina	KS	67401-4604	785-823-4500	eric.allness@usda.gov
Natural Resource Conservation Service	Dodge City Service Center	Allison	Sowards	104 Soule Street	Dodge City	KS	67801	620-227-3731	allison.sowards@usda.gov
Federal Aviation Administration	Central Region Regional Administrator	Joe	Miniace	901 Locust Street	Kansas City	MO	64106	916-329-3050	joseph.n.miniace@faa.gov
Kansas Biological Survey	Information Manager, Kansas Natural Heritage Inventory	Jennifer	Delisle	151 Takeru Hall, 2101 Constant Ave.	Lawrence	KS	66047		jdelisle@ku.edu
Kansas Department of Transportation	District 6 Engineer	Ron	Hall	121 N Campus Dr	Garden City	KS	67846-6603	620-765-7074	ron.hall@ks.gov
Ford County	1st District Commissioner	Shawn	Tasset	100 Gunsmoke	Dodge City	KS	67801	620-338-7067	stasset@fordcounty.net
Ford County	2nd District Commissioner	Chris	Boys	100 Gunsmoke	Dodge City	KS	67801	620-255-5333	cboys@fordcounty.net
Ford County	3rd District Commissioner	Kenneth	Snook	100 Gunsmoke	Dodge City	KS	67801	620-338-3848	ksnook@fordcounty.net
Ford County	Planning & Zoning Director	Melissa	Drake	100 Gunsmoke	Dodge City	KS	67801	620-371-3202	m Drake@fordcounty.net



January 8th, 2023

Name
Position
Agency
Address
City, State Zip

Re: Transmission Line Routing Study, Ford County, Kansas

Dear Name,

Burns & McDonnell has been retained by Invenegy Transmission to conduct a routing study for the above referenced potential 345 kilovolt overhead transmission line. The proposed overhead transmission line would begin at a point of interconnecting from a potential future substation or switchyard to the Grain Belt Express high voltage direct current (HVDC) converter station in Ford County, Kansas. The objective of the study is to identify a feasible route for the overhead transmission line. Your input will assist us with the completion of this effort.

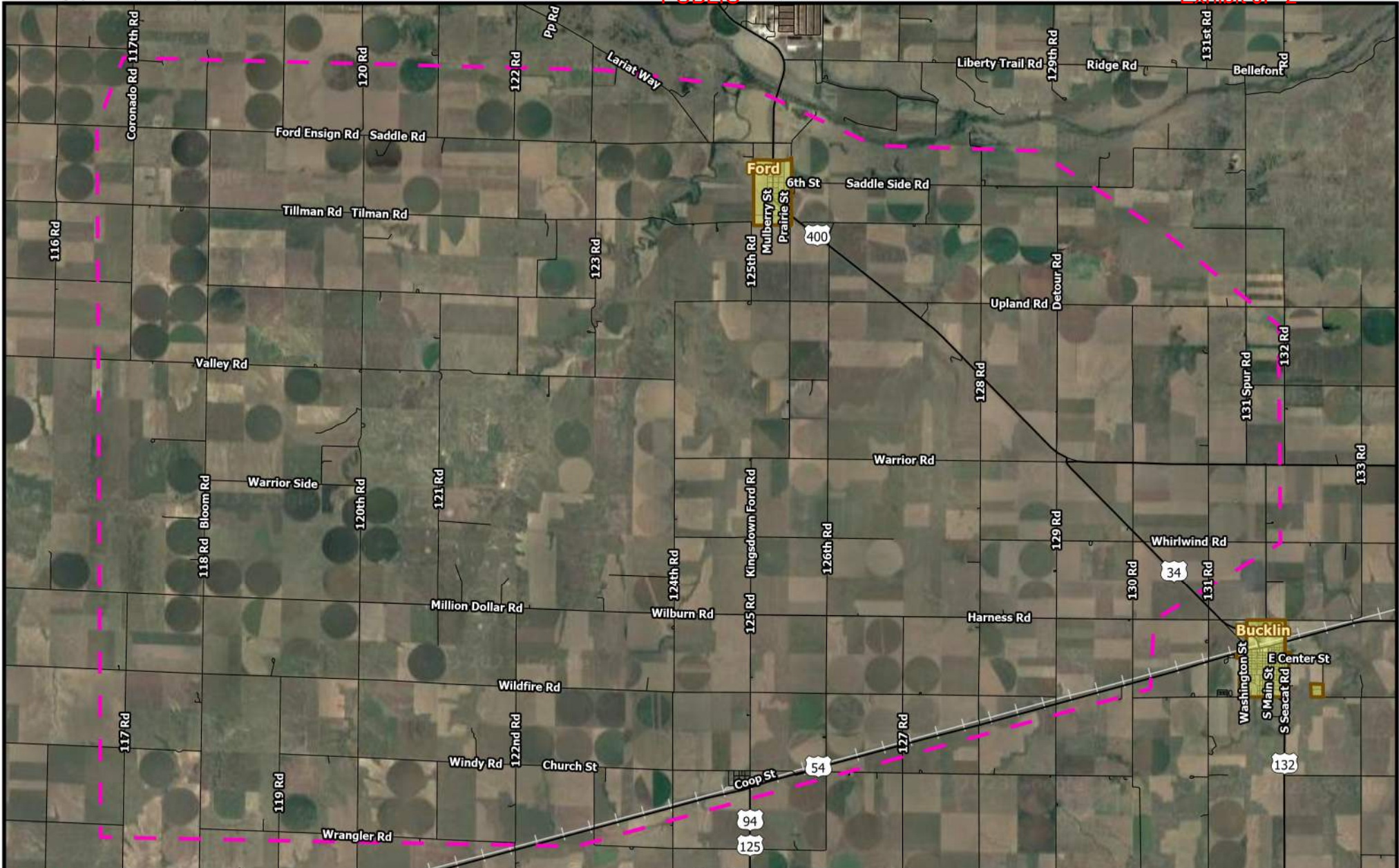
The study area encompasses a corridor between a potential future substation or switchyard in southeast Ford County and the Grain Belt Express HVDC converter station southeast of Dodge City in Ford County. Please refer to the enclosed map and associated Public Land Survey System (PLSS) table for the location and additional details of the study area.

Burns & McDonnell is seeking information on agency-owned or managed resources that may be affected. Information could include existing agency-owned or managed lands, conservation projects or easements, threatened or endangered species, historic sites, historic districts, archaeological resources, and protected wetlands and waterbodies within the study area. In addition, please identify any permits or clearances that may be required from your agency to construct the proposed transmission line in public or private rights-of-way.

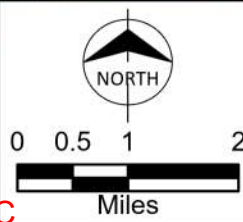
If you have any questions or require additional technical information, please contact me at jfgrennan@burnsmcd.com or by phone at (512) 431-7409. Otherwise, please provide written comments sent to the attention of Saundie Franz at Burns & McDonnell, 9450 Ward Parkway, Kansas City, MO 64114. We would appreciate receipt of comments by January 15, 2024. Thank you for your time and assistance.

Sincerely,

Joseph Grennan
Project Manager
Enclosure: Study Area Map, PLSS Table
cc: Dia Kuykendall, Invenegy Transmission



- Study Area
- Town
- Road
- Railroad



Transmission Line Routing
Study Area
Invenergy Transmission
Ford County, Kansas

Ford County Project Public Land Survey System Table

Public Land Survey System
S31-T28S-R23W
S32-T28S-R21W
S33-T28S-R22W
S31-T28S-R22W
S32-T28S-R22W
S2-T29S-R24W
S1-T29S-R24W
S6-T29S-R23W
S5-T29S-R23W
S4-T29S-R23W
S3-T29S-R23W
S2-T29S-R23W
S1-T29S-R23W
S1-T29S-R22W
S2-T29S-R22W
S3-T29S-R22W
S7-T29S-R23W
S8-T29S-R23W
S10-T29S-R23W
S11-T29S-R23W
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S7-T29S-R22W
S9-T29S-R22W
S14-T29S-R24W
S17-T29S-R23W
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S35-T28S-R23W
S31-T28S-R21W
S11-T29S-R24W
S9-T29S-R23W
S12-T29S-R23W
S11-T29S-R22W
S18-T29S-R23W
S13-T29S-R23W

Ford County Project Public Land Survey System Table

S16-T29S-R22W
S22-T29S-R23W
S3-T28S-R22W
S10-T28S-R22W
S15-T28S-R23W
S21-T28S-R22W
S30-T28S-R23W
S12-T29S-R24W
S5-T29S-R22W
S32-T27S-R23W
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S17-T28S-R23W
S22-T28S-R22W
S30-T28S-R22W
S36-T28S-R24W
S34-T28S-R23W
S35-T28S-R22W
S6-T29S-R21W
S4-T29S-R22W
S8-T29S-R22W
S23-T29S-R23W
S8-T28S-R21W
S22-T28S-R23W



Kansas Biological Survey
& Center for Ecological Research

Saundie Franz
Burns & McDonnell
9450 Ward Parkway
Kansas City, MO 64114

January 9, 2024

RE: Transmission Line Routing Study, Ford County Kansas

Dear Saundie;

I have reviewed the Kansas Natural Heritage Inventory database for records of state and federal threatened, endangered, and special concern species at the referenced site.

The project falls within the known range of the Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*). Our office no longer maintains precise location data for this species; please contact the Kansas Dept. of Wildlife and Parks for this information.

Most of Kansas has not been surveyed for rare species and their habitats; absence of records should not be interpreted as an indication that rare species or natural habitats do not occur in any particular area. For a list of protected animal species known or likely to occur in Ford County please go to <http://kdwpt.state.ks.us/Services/Threatened-and-Endangered-Wildlife>. No protected plant species occur in the County.

Thank you for providing the Kansas Biological Survey & Center for Ecological Research the opportunity to comment on this proposed project. Please give me a call at 785-864-1538 if I can be of further assistance.

Sincerely,

A handwritten signature in cursive script that reads 'Jennifer M. Delisle'.

Jennifer M. Delisle
Information Manager
Kansas Natural Heritage Inventory

Franz, Saundie B

From: Grennan, Joseph F (Joe)
Sent: Wednesday, January 17, 2024 2:39 PM
To: Franz, Saundie B
Subject: FW: KDWP Study Area Comments (Track 20131189-7, ERT20240051) -- Invenergy Ford County 345 kV transmission line to GBX

See below Saundie. Can you save this in the agency input folder?

Thanks

Joseph F. Grennan \ Burns & McDonnell
 Renewables Business Development Manager, Environmental Services
 c 512-431-7409
jfgrennan@burnsmcd.com \ burnsmcd.com
 10 N. Park Place \ Suite 330 \ Morristown, NJ 07960

From: Eddy, Zac [KDWP] <Zac.Eddy@KS.GOV>
Sent: Tuesday, January 16, 2024 6:04 PM
To: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>
Subject: KDWP Study Area Comments (Track 20131189-7, ERT20240051) -- Invenergy Ford County 345 kV transmission line to GBX

Joseph Grennan,

We have reviewed the information for the proposed Invenergy 345 kV overhead transmission line routing study associated with the Grain Belt Express HVDC transmission line to occur in Ford County, Kansas. The study is seeking information to inform route siting of proposed "feeder" line to the future Grain Belt Express converter station north of Ford, Kansas. The project study area was reviewed for potential impacts to critical wildlife habitats, current state-listed threatened or endangered species and species in need of conservation, as well as Kansas Department of Wildlife and Parks managed areas for which this agency has administrative authority.

We note that the proposed study area includes areas of Designated Critical Habitat for the state-listed Eastern Spotted Skunk (*Spilogale putorius*). Critical habitat for this species may occur in areas of woodland and grassland vegetation within a ½ mile of the ordinary high water mark on either side of the Arkansas River channel. We suggest avoidance of impacts to these areas. If habitat within a half-mile of the Arkansas River will be impacted by transmission line construction or operation, an Action Permit may be required by Kansas Department of Wildlife and Parks.

We also encourage Invenergy to review locations of known Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*) occurrence in the central/southern portions of the project area. Occurrence of Lesser Prairie-Chicken have been documented as recently as 2020 in grasslands generally bounded by Valley Road (north), Wildfire Road (south), and 124 Road (east) within the proposed study area. Generalized locations of occurrence can be reviewed via the Terrestrial Species of Concern data layer available on the Kansas Natural Resource Planner web mapping application. Please let us know if you need more information to access and review this information.

Based on the habitats and species noted above, we strongly advocate that when and where possible, new lines be through cropland and/or along road rights-of-way. If portions of the line must cross warm-season grasslands, we encourage those portions of the line be buried or collocated with existing linear impacts. We also recommend implementing the following measures to minimize risk for avian avoidance, collisions, and electrocution as well as other potential impacts to wildlife or habitat:

- **Avoid or minimize the removal of native upland or riparian hardwood timber and vegetation when moving or constructing new power lines.**
- **Consider enrolling the project in the existing USFWS Renewable Energy Lesser Prairie-Chicken Habitat Conservation Plan to offset unavoidable impacts to habitat and provide "take" protections for this project.**
- **Prairie-chicken leks have been documented near the construction area. If leks are within 1.25 miles of the work area, consider avoiding construction during the hours of 3:00 AM to 9:00 AM from March 1 through July 15 to minimize disturbance of breeding and nesting activity.**
- **When feasible, strictly follow the road right-of-way.**
- **Avoid/Minimize impacts to existing wetlands, springs or areas that pond water (e.g. filling).**
- **Avoid instream and stream bank disturbances including stabilizing the banks with foreign materials (e.g. riprap).**
- **Avoid encroachment or development in floodplains.**
- **Restore dry stream crossings to the original substrate configuration and composition.**
- **Replant grassland disturbances with native grasses and forbs, we recommend using the local seed mix for USDA-NRCS conservation practice 643 - Rare and Declining Habitat.**
- **Implement and maintain standard erosion control Best Management Practices during all aspects of construction by installing sediment barriers (wattles, filter logs, rock check ditches, mulching, or any combination of these) across the entire construction area to prevent sediment and spoil from entering aquatic systems. Barriers should be maintained at high functioning capacity until construction is completed and vegetation is established. For more information on erosion BMPs go to: <http://www.kdheks.gov/stormwater/#construct>.**
- **Consult the Avian Power Line Interaction Committee Marking Guidelines for mitigating avian collisions by marking the power line appropriately.**

- Install perch guards on poles with repeat avian mortality.
- Track all avian mortality and mitigate accordingly.

We cannot determine if a permit will be required for this project without additional information. When route alternatives have been selected, we request submission of those for further review. We also recommend consultation with all applicable regulatory authorities—including, but not limited to the U.S. Fish and Wildlife Service-Ecological Services and the Kansas Department of Health and Environment.

Thank you for the opportunity to provide these comments and recommendations. Please let me know if you have any questions or concerns about the preceding information.

Please direct all review materials electronically to kdwpt.ess@ks.gov to streamline the review process for all parties.

Thank you.



--

Zac Eddy | *Terrestrial Ecologist*

Kansas Department of Wildlife and Parks

512 SE 25th Ave. | Pratt, KS 67124

(620) 672-0788 | ksoutdoors.com



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, KANSAS CITY DISTRICT
KANSAS STATE REGULATORY OFFICE
2710 NE SHADY CREEK ACCESS ROAD
EL DORADO, KANSAS 67042

December 21, 2023

Kansas State Regulatory Office
NWK-2023-00852

Joseph Grennan
10 North Park Place Suite 330
Morristown, NJ 07960

Dear Mr. Grennan:

This is in reply to your request for comment on the transmission line routing study for a potential 345 kilovolt overhead transmission line and a potential future substation or switchyard to the Grain Belt Express high voltage direct current converter station in Ford County. The study area includes Gray, Meade, and Ford counties in Kansas. This request was received on December 12, 2023. This area study is located in and around Section 14, Township 29 South, and Range 27 West [Latitude 37.5292, Longitude -100.2446].

The Corps of Engineers has jurisdiction over all waters of the United States. Discharges of dredged or fill material in waters of the United States, including wetlands, require prior authorization from the Corps under Section 404 of the Clean Water Act (USC 1344). The implementing regulation for this Act is found at 33 CFR 320-332.

Should the proposed improvements require the discharge of dredged or fill material in any waters of the United States, including wetlands, a Department of the Army (DA) permit may be required. However, if the proposed improvements do not require the discharge of dredged or fill material in any waters of the United States, including wetlands, a DA permit will not be required.

Federal regulations require that a DA permit be issued by the Corps of Engineers prior to the initiation of any construction on the portion of a proposed activity which is within the Corps' regulatory jurisdiction.

Enclosed is a copy of our Regulatory Brochure. Should your proposed work require a DA permit, the application form and instructions may be downloaded at: <https://www.nwk.usace.army.mil/Missions/Regulatory-Branch/> and submitted electronically to the appropriate Regulatory Office.

We are interested in your thoughts and opinions concerning your experience with the Kansas City District, Corps of Engineers Regulatory Program. Please feel free to complete our Customer Service Survey form on our website at: <https://regulatory.ops.usace.army.mil/customer-service-survey/>. You may also call and request a paper copy of the survey which you may complete and return to us by mail.

Emma Trier, Regulatory Assistant, reviewed the information furnished and made this determination. If you have any questions concerning this matter, please feel free to contact Ms. Trier at 816-389-3710 or by email at Emma.R.Trier@usace.army.mil. Please reference Permit No. 2023-00852 in all comments and/or inquiries relating to this project. This letter is only being provided to you electronically at: jfgrennan@burnsmcd.com.

Enclosure

Mission

The Regulatory Program is committed to protecting the Nation's aquatic resources, while allowing reasonable development through fair, flexible and balanced permit decisions. The Corps evaluates permit applications for essentially all construction activities in the Nation's waters, including wetlands.

Corps Authority and Jurisdiction

The U.S. Army Corps of Engineers, Kansas City District Regulatory Branch is responsible for protecting the physical, chemical and biological health of our nation's aquatic resources. We are tasked with protecting the navigable capacity of Traditional Navigable Waters. We do this under the authorities of Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act. Protecting streams, lakes and wetlands is critical due to their role in improving water quality, providing habitat for fish and wildlife, as well as the extensive value they provide to the public.



How to reach us:

www.nwk.usace.army.mil/Missions/Regulatory-Branch

See Service Area Map to contact the appropriate office

Kansas City Regulatory Office

601 East 12th Street
Kansas City, MO 64106
Tel: 816-389-3990
Regulatory.KansasCity@usace.army.mil

Missouri State Regulatory Office

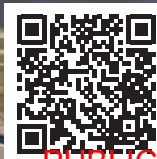
515 East High Street, #202
Jefferson City, MO 65101
Tel: 573-634-2248
Regulatory.MissouriState@usace.army.mil

Kansas State Regulatory Office

2710 NE Shady Creek Access Road
El Dorado, KS 67042
Tel: 316-322-8247
Regulatory.KansasState@usace.army.mil

Kanopolis Regulatory Satellite Office

107 Riverside Drive
Marquette, KS 67464
Tel: 316-322-8247
Regulatory.Kanopolis@usace.army.mil



PUBLIC

Exhibit JP-2

U.S. ARMY CORPS OF ENGINEERS REGULATORY

PERMITTING PROGRAM



US Army Corps
of Engineers®
Kansas City District

Exhibit JP-2

A Corps permit is required for:

- Structures and/or work affecting navigable waters of the U.S.
- Any discharge of dredged or fill material into waters of the U.S.

Areas where permits may be required: *Waters within the Corps' jurisdiction (Waters of the U.S.)*

- Territorial seas, and waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce including waters which are subject to the ebb and flow of the tide.
- Tributaries.
- Lakes and Ponds, and impoundments of jurisdictional waters.
- Adjacent wetlands.

Permit application requirements:

- Digital submittal by email preferred.
- Applicant name, address and telephone number.
- Project location map.
- Project description, purpose, plans and drawings.
- Mitigation plans to offset environmental impacts.

Wetlands: *Wetland identification is complex; however, wetlands are generally characterized by:*

- Soils saturated or flooded during some parts of most years.
- Vegetation that is adapted for moist soil conditions such as bulrush, cattails, rushes, sedges, willows, etc.
- Hydrology that has a presence of surface water or saturation during some part of the growing season.

Why are Wetlands and Streams Important: *Wetlands and Streams are significant resources that provide several important functions. Wetlands:*

- Prevent floods by acting like a giant sponge that stores and slowly releases stormwater.
- Replenish groundwater supplies.
- Purify water by filtering out sediment, pollutants, and fertilizers.
- Provide important wildlife habitat.
- Provide recreational opportunities such as hiking, hunting, and bird watching.

Streams:

- Provide a drinking water source.
- Navigation and Transportation.
- Provide recreational opportunities, including boating, swimming, and fishing.

Types of permits:

- Standard Permits - these include Individual Permits and Letters of Permission for large or complex actions. A public notice and comment period are required for these permits.
- General Permits - these include Nationwide Permits and Regional General Permits for small or routine actions that are similar in nature and typically have only minor environmental impacts.

What Can You Do to Help Us:

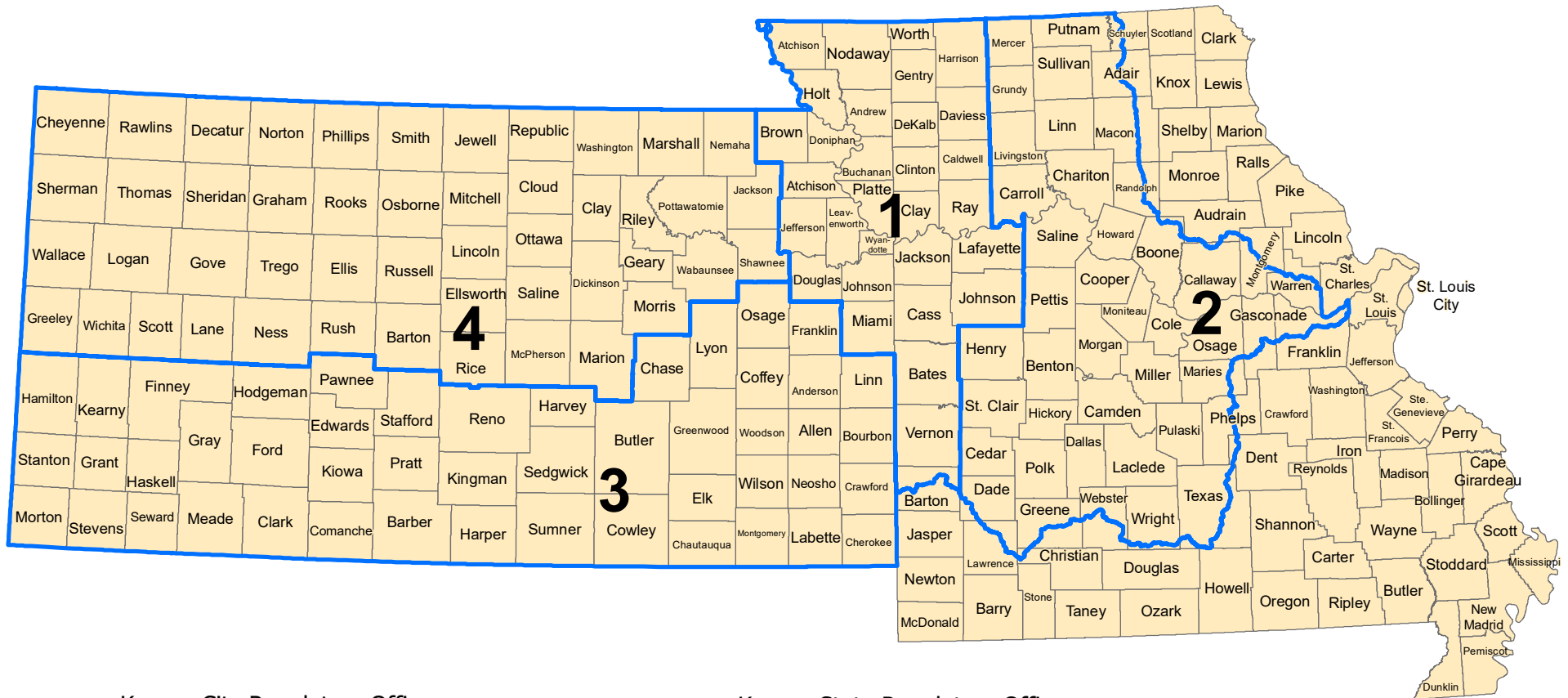
Applying early allows time to address unanticipated delays such as endangered species' critical habitat impacts, impacts to a special aquatic site, cultural resource or historic site impacts or many other factors that may require coordination with other agencies which can substantially lengthen project review time and may require additional avoidance, minimization, and/or mitigation.

Be Proactive

Submit your application or request a pre-application meeting well in advance of when you plan to start construction.



Regulatory Office Boundary Map



1 Kansas City Regulatory Office
 601 East 12th Street
 Kansas City, MO 64106
 Tel: 816-389-3990
 FAX: 816-389-2032
Regulatory.KansasCity@usace.army.mil

2 Missouri State Regulatory Office
 515 East High Street #202
 Jefferson City, MO 65101
 Tel: 573-634-2248
 Fax: 573-634-7960
Regulatory.MissouriState@usace.army.mil

3 Kansas State Regulatory Office
 2710 NE Shady Creek Access Road
 El Dorado, KS 67042
 Tel: 316-322-8247
 Fax: 316-322-8259
Regulatory.KansasState@usace.army.mil

4 Kanopolis Regulatory Satellite Office
 107 Riverside Drive
 Marquette, KS 67464
 Tel: 316-322-8247
 Fax: 316-322-8259
Regulatory.Kanopolis@usace.army.mil



US Army Corps
 of Engineers
 Kansas City District
 Regulatory Program
 Service Areas

**Kansas State Office**

760 S. Broadway Blvd.
Salina, Kansas 67401

January 22, 2024

Joseph Grennan
Burns and McDonnell
9400 Ward Parkway
Kansas City, MO 64114

RE: Transmission Line Routing Study, Ford County Kansas

Dear Joseph Grennan,

We received the information that you provided in a letter dated December 1, 2023, regarding a proposed transmission line project in Ford County in Kansas.

The Agriculture and Food Act of 1981 (Public Law 97-98) includes provisions for the Farmland Protection Policy Act (FPPA) in subtitle 1 of Title XV, Sections 1539-1549. This Act is intended to minimize the impact of Federal programs on unnecessary and irreversible conversion of prime and important farmland to nonagricultural uses. If you would like more information regarding the FPPA please visit <https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/landuse/fppa/>

After review, it appears that this proposed project would be for above ground transmissions lines only, which would **not** result in the permanent conversion of farmland to non-agriculture use. As such the FPPA would not apply. However, any substations or other buildings with a physical footprint could constitute a farmland conversion which would benefit from a Farmland Conversion Impact Rating form AD-1006.

If you have any questions or concerns regarding the FPPA please contact Jeffrey A. Hellerich, Acting State Soil Scientist at jeffrey.hellerich@usda.gov. If you would like to submit a Farmland Conversion Impact Rating form AD-1006 one can be downloaded at <https://www.nrcs.usda.gov/sites/default/files/2022-06/AD1006.pdf> Environmental review or FPPA inquiries can be e-mailed to KS.NRCS.ER.FPPA@usda.gov

Sincerely,

Jeffrey A. Hellerich
Acting State Soil Scientist



ec:

Kris R. Ethridge, Assistant State Conservationist for Field Operations, NRCS, Hutchinson,
Kansas

Kara J. Shaw, Administrative Support Assistant, NRCS, Hutchinson, Kansas

A. Tyler Labenz, Area Resource Soil Scientist, NRCS, Hutchinson, Kansas

Bradley D. Shank, Acting Supervisory District Conservationist, NRCS, Dodge City,
Kansas

Telephone Memo



Called: Joe Grennan
Organization: Burns & McDonnell
Caller: Ron Hall
Organization: Kansas Department of Transportation
Subject of Call: Bucklin to Dodge City Agency Correspondence

Call Date: December 2023
Phone No. Called: +1 (973) 370-3024

Project Name: Bucklin to Dodge City 345 kV Transmission Line
Project No.: 158983

Memo Prepared By: Saundie Franz
Date Memo Issued: February 19, 2024

Summary:

Ron Hall called to indicate that the project would need the appropriate permits from KDOT to construct the Project in road ROW. He also requested that roadways not be blocked during construction.

Franz, Saundie B

From: Stelzleni, Jen <Jstelzleni@invenergy.com>
Sent: Wednesday, March 13, 2024 1:44 PM
To: rob_doster@fws.gov; Kamienski, Tomas D
Cc: O'Meilia, Chris; Luginbill, Jason S; Mendenhall, Laura C; Hill, Laurel A; Grennan, Joseph F (Joe)
Subject: Ford County, KS Transmission Line Routing Study - Request for Eagle and Migratory Bird Information
Attachments: Ford County_Map.pdf; BucklinDodgeCity_Potential Routes.kmz

Good afternoon, Rob and Tomas.

My name is Jen Stelzleni, and I am on Invenergy's Environmental Compliance & Strategy team, managing environmental planning efforts for Invenergy's proposed AC Collector System in southwest Kansas. Per the email correspondence below, Chris O'Meilia recommended that the project team reach out to you to request information about eagles and other migratory birds that could inform the routing study.

The AC Collector System would consist of overhead alternating current electric transmission lines and associated infrastructure. The Bucklin-Dodge City line, the subject of this request, is anticipated to run approximately 20 miles within Ford County. The study area encompasses a corridor between a potential future substation or switchyard in Ford County and the proposed Grain Belt Express HVDC converter station southeast of Dodge City in Ford County. For your reference, please see the attached pdf map of the study area, as well as a KMZ of the potential route segments we are examining.

We value any information you can share regarding known eagle nests and areas of importance to migratory birds within the study area. Ideally, if you could provide information by March 28 that will best assist us in our routing study. If you have questions, please let me know. I appreciate your time and consideration of this request.

Thank you,
Jen

Jennifer Stelzleni | Senior Manager, Environmental Compliance & Strategy
Invenergy | Saint Louis, MO
jstelzleni@invenergy.com | W 312-582-1285 | C 314-566-0396

From: O'Meilia, Chris <chris_omeilia@fws.gov>
Sent: Monday, February 26, 2024 2:25 PM
To: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>
Cc: Luginbill, Jason S <jason_luginbill@fws.gov>; Mendenhall, Laura C <laura_mendenhall@fws.gov>; Hill, Laurel A <Laurel_Hill@fws.gov>; Doster, Rob <Rob_Doster@fws.gov>; Kamienski, Tomas D <tomas_kamienski@fws.gov>
Subject: Re: [EXTERNAL] RE: request for shapefile - Ford County transmission line routing study

Joe,

Thank you for contacting the U.S. Fish and Wildlife Service (Service) about Invenergy Transmission's potential overhead transmission project in portions of southeast Ford County, Kansas. As you provided, the study area encompasses a corridor between a potential future substation or switchyard in southeast Ford County and the Grain Belt Express HVDC converter station southeast of Dodge City in Ford County. The following email, and

the information and list of resource provided, is recommended by the Service to be fully utilized in the planning, design, and assessment of potential effects to the proposed action to federal trust resources.

The Service has several online resources and or data that can support your work. The Service recommends starting your project review by using our Information for Planning and Consultation (IPaC; <https://ipac.ecosphere.fws.gov/>) system. Information available on IPaC includes known occurrences of Endangered Species Act (ESA) candidate, proposed, threatened and endangered species and designated critical habitat, bald and golden eagles, migratory birds, Service facilities, and National Wetlands Inventory identified wetlands.

The ESA status species currently known to occur in Ford County, Kansas include:

Candidate

Monarch butterfly

Proposed Endangered

Tricolored bat

Threatened

Lesser prairie-chicken

Arkansas River shiner

Endangered

Whooping crane

Peppered chub

From my review of the project, designated critical habitat was not identified as occurring within your planning area, but the Service recommends utilizing the geospatial data for critical habitat as a planning resource to inform project planning and design considerations. This data is available at the following link, <https://ecos.fws.gov/ecp/report/critical-habitat>.

I am providing some additional species specific resources here for your use and consideration in project planning.

Monarch butterfly

- Nationwide Candidate Conservation Agreement with Assurances (CCAA) for Monarch Butterfly - <https://www.fws.gov/media/nationwide-candidate-conservation-agreement-monarch-butterfly>
- Monarch CCAA Toolkit - <https://rightofway.erc.uic.edu/working-group-access/monarchccaatoolkit>

Lesser prairie-chicken (LPC)

- Service species websites - <https://www.fws.gov/lpc> and <https://ecos.fws.gov/ecp/species/1924>
- The Service recommends all actions that occur in or near the range of the LPC and could have potential to effect the species utilize the Service's *Framework for the Review of LPC Voluntary Conservation Programs* (July 2021; Framework). Specifically, for assessing potential effects of an action to LPC utilize Section B. Impact Site Assessment, and Appendix 1. The first 6 steps are a desktop geospatial exercise. It is recommended that project reviews complete work up to this step and contact the Service for additional guidance on if the remaining steps in the Framework need to be completed. The remaining steps include on-the-ground field assessments, documentation, and updates to the GIS as needed post field work. To ensure consistent application, the Service is available

to answer questions prior to any work following Framework methods is completed by a company or their consultant.

- *Framework for the Review of LPC Voluntary Conservation Programs* (July 2021) - <https://www.fws.gov/media/framework-review-lpc-voluntary-conservation-programs>
- The Service requires permits for surveys for LPC. Additional information is available upon request.
- The most current LPC lek and occurrence information is available:
 - Southern Great Plains Crucial Habitat Assessment Tool - <https://www.sgpchat.org/>, or
 - Kansas Natural Resource Planner - <https://kars-geoplatform-ku.hub.arcgis.com/pages/d5a79cd6da6f4baaa134aced43f7c7f6>

Whooping crane

- Service recommend conducting collision risk analysis using methods developed and used as part of the R-project transmission line compliance work (<https://www.fws.gov/project/r-project-transmission-line>). This project recently published information to the federal register, <https://www.federalregister.gov/d/2024-02490>. Specifically, the updated whooping crane collision risk methods can be found in Attachment 1 (*R-PROJECT WHOOPING CRANE RISK EVALUATION MODEL UPDATE FOR EVALUATING POTENTIAL IMPACTS TO WHOOPING CRANES*) of Appendix D (*WHOOPING CRANE RISK ANALYSIS REVIEW*) of the file titled, R-Project_Draft_Revised HCP_12-15-23 (<https://www.regulations.gov/document/FWS-R6-ES-2014-0048-0272>).
- Service recommends assessing the proposed actions location relative to habitat for the species using The Watershed Institute's *Potentially Suitable Habitat Assessment for the Whooping Crane* (June 2013; attached).
- Playa wetlands maps and tools from Playa Lakes Joint Venture - <https://pljv.org/playas/playa-tools/>

Additionally, the Service recommends reviewing and maintaining awareness of potential status changes for current ESA listed species, or non-ESA species petitioned or under review by the Service for possible inclusion under a formal ESA status designation, as these can affect the regulatory compliance obligations of proposed actions. This information can be accessed through the following Service sources:

- National Downlisting and Delisting Workplan - <https://www.fws.gov/project/national-downlisting-and-delisting-workplan>
- National Listing Workplan - <https://www.fws.gov/project/national-listing-workplan>

You may access online and downloadable geospatial information on existing Service-owned or managed lands through our National Wildlife Refuge System GIS Data and Mapping Tools, <https://www.fws.gov/service/national-wildlife-refuge-system-gis-data-and-mapping-tools>.

The Service implements conservation projects and facilitates or executes conservation easements through a multitude of programs and funding sources. We do not have a publicly available Service specific database of conservation projects or easements. We refer you to the National Conservation Easement Database (<https://www.conservationaleasement.us/>) for one source of information, though it is not expected to be exhaustive, on conservation easements that have been made public. Additional related sources of geospatial information include:

- USDA Geospatial Data Gateway - look for "NRCS Conservation Easement Areas by State" and this should include all WRP and ACEP easements from USDA - <https://datagateway.nrcs.usda.gov/>
- USGS Protected Areas Database of the United States (PAD-US) - Uses NCED and other data - <https://www.usgs.gov/programs/gap-analysis-project/science/protected-areas>

Based on the information provided in this project review request, it is not possible to identify specific permits or clearances that may be required from the Service to construct the proposed transmission line in public or private rights-of-way. For determination of ESA compliance obligations, a finding of whether the project has a federal nexus, or not, would have to be documented and provided to the Service. If the proposed action has a federal nexus, then the lead federal agency would need to determine if a "May Affect" scenario exists for the proposed action, and engage the Service to address their Section 7 consultation obligation. If there is no federal nexus, then the entity responsible for the proposed action would need to determine if the potential for take from the proposed action exists, and as necessary, seek coverage under an appropriate Section 10 tool. I have attached Service guidance on this topic for your possible consideration, *Guidance on trigger for an incidental take permit under section 10(a)(1)(B) the Endangered Species Act where occupied habitat or potentially occupied habitat is being modified (April 2018)*. The ESA prohibits take without prior authorization. Take coverage is needed, regardless of which compliance path is necessary, unless avoidance of take can be quantified during an adequate assessment of effects of the proposed action. The Service recommends utilizing the attached topic sheet, *Deconstructing an Action (July 2021)*, as part of the support needed to conduct a robust assessment of the potential for take from all aspects of a proposed action. Once the federal nexus status is determined, the Service is available to discuss all available regulatory compliance options for the proposed action.

To fully address your request for information specific to eagles and other migratory birds beyond the basic topical information provided by IPaC, I recommend contacting the Service's Region 6 Division of Migratory Bird staff, Rob Doster or Tomas Kamienski (cc'ed above).

Thanks and let me know if you have any additional questions, or have problems accessing any of the provided resources. -Chris

Chris O'Meilie - Wildlife Biologist
U.S. Fish and Wildlife Service
Kansas Ecological Services Field Office
(720) 786-2873 (Work mobile)

Prairies = No Trees

"Grass begets grouse"

[-Ron Spomer](#)

From: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>
Sent: Friday, January 19, 2024 1:59 PM
To: O'Meilie, Chris <chris_omeilie@fws.gov>
Cc: Mendenhall, Laura C <laura_mendenhall@fws.gov>
Subject: [EXTERNAL] RE: request for shapefile - Ford County transmission line routing study

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Hi Chris

Please find attached the project boundary shapefiles for the Ford County project. I will follow up with the files for the other project shortly. Please let me know if you have any questions.

Thanks

Joseph F. Grennan \ Burns & McDonnell

Renewables Business Development Manager, Environmental Services

c 512-431-7409

jfgrennan@burnsmcd.com \ burnsmcd.com

10 N. Park Place \ Suite 330 \ Morristown, NJ 07960

From: O'Meilia, Chris <chris_omeilia@fws.gov>
Sent: Wednesday, January 17, 2024 12:51 PM
To: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>
Cc: Mendenhall, Laura C <laura_mendenhall@fws.gov>
Subject: Re: request for shapefile - Ford County transmission line routing study

Hello Joe. Hope you got to have some downtime during the holidays. Checking back on this and the other Invenergy Transmission project requests you sent, as I am now the project review lead for these projects. Are you able to share the GIS data for these projects? It is needed to complete our response. Thanks. -Chris

Chris O'Meilia - Wildlife Biologist

U.S. Fish and Wildlife Service

Kansas Ecological Services Field Office

(720) 786-2873 (Work mobile)

Prairies = No Trees

"Grass begets grouse"

[-Ron Spomer](#)

From: Mendenhall, Laura C <laura_mendenhall@fws.gov>
Sent: Tuesday, December 19, 2023 2:47 PM
To: jfgrennan@burnsmcd.com <jfgrennan@burnsmcd.com>
Cc: O'Meilia, Chris <chris_omeilia@fws.gov>
Subject: request for shapefile - Ford County transmission line routing study

Joseph,

Could you provide the shapefile associated with the Ford County transmission line routing study (referenced in the map attached to your December 1, 2023 letter)?

Thank you,

Laura

Laura Mendenhall

she/her

Fish & Wildlife Biologist

Kansas Ecological Services Field Office

U.S. Fish and Wildlife Service

*** currently teleworking, available by email ***

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Franz, Saundie B

From: Grennan, Joseph F (Joe)
Sent: Wednesday, January 3, 2024 1:41 PM
To: Franz, Saundie B
Subject: FW: Agency Comments: Transmission Line Routing Study, Ford County Kansas
Attachments: Scanned_from_a_Lexmark_Multifunction_Product12-11-2023-010958.pdf

Also sent this one.

Joseph F. Grennan \ Burns & McDonnell
Renewables Business Development Manager, Environmental Services
c 512-431-7409
jfgrennan@burnsmcd.com \ burnsmcd.com
10 N. Park Place \ Suite 330 \ Morristown, NJ 07960

From: Tener, Scott (FAA) <scott.tener@faa.gov>
Sent: Friday, December 22, 2023 1:21 PM
To: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>
Subject: Agency Comments: Transmission Line Routing Study, Ford County Kansas

Joseph,

Please forward to Saundie Franz as only your email address was provided.

We appreciate the opportunity to comment on the proposed project. We generally do not provide comments from an environmental perspective.

Airspace Considerations:

The project may require formal notice and review for airspace considerations under 14 CFR Part 77, Safe, Efficient Use, and Preservation of the Navigable Airspace. To determine if you need to file with FAA, go to <http://oeaaa.faa.gov> and click on the "Notice Criteria Tool" found at the left-hand side of the page.

Several items may need to be checked such as any changes in ground elevation, structures, towers, poles, objects, and temporary construction equipment that exceed the notice criteria. For projects involving long routes, multiple locations will need to be checked (usually every mile and changes in elevation).

If after using the tool, you determine that filing with FAA is required, we recommend a 120-day notification to accommodate the review process and issue our determination letter. Proposals may be filed at <http://oeaaa.faa.gov>. More information on this process may be found at: <http://www.faa.gov/airports/central/engineering/part77/>

Please let me know if you have any questions,

Scott Tener
Environmental Program Manager

FAA Central Region Airports Division
901 Locust St., Room 364
Kansas City, Missouri 64106-2325

T 816.329.2639 | F 816.329.2611
<http://www.faa.gov/airports/central/>

Meade Line

Agency Contact List
Meade Project

Agency	Position	First	Last	Address	City	State	Zip_Code	Number	Email
Environmental Protection Agency	Region 7 Administrator	Meg	McCollister	11201 Renner Blvd	Lenexa	KS	66219	913-551-7006	r7actionline@epa.gov
National Parks Service	Midwest Regional Director	Bert	Frost	601 Riverfront Dr	Omaha	NE	68102-4226	402-661-1736	
U.S. Fish and Wildlife Service	Kansas Field Office Project Leader	Jason	Luginbill	2609 Anderson Ave	Manhattan	KS	66502	785-313-0772	
U.S. Army Corps of Engineers	Program Manager- Kansas City District	Chris	Hussin	601 East 12th Street	Kansas City	MO	64106	816-389-3990	Regulatory.KansasCity@usace
Kansas Department of Wildlife and Parks	Ecological Review	Zac	Eddy	512 SE 25th Avenue	Pratt	KS	67124	620-227-8609	Zac.eddy@ks.gov
Kansas Department of Agriculture	Division of Water Resources - Chief Engineer	Earl	Lewis	1320 Research Park Drive	Manhattan	KS	66502	785-564-6640	Earl.Lewis@ks.gov
Kansas Department of Agriculture	Division of Conservation - Director	Andrew	Lyon	1320 Research Park Drive	Manhattan	KS	66502	785-564-6620	Andrew.Lyon@ks.gov
Kansas Department of Health and Environment	Southwest District Environmental Administrator	Wade	Kleven	302 W McArtor Road	Dodge City	KS	67801-6014	620-682-7940	Wade.Kleven@ks.gov
Kansas State Historical Society	Deputy State Historic Preservation Officer	Patrick	Zollner	6425 SW 6th Avenue	Topeka	KS	66615-1099	785-272-8681	Patrick.zollner@ks.gov
Natural Resource Conservation Service	Kansas State Conservationist	Eric	Allness	760 S Broadway Blvd	Salina	KS	67401-4604	785-823-4500	eric.allness@usda.gov
Natural Resource Conservation Service	Dodge City Service Center	Allison	Sowards	104 Soule Street	Dodge City	KS	67801	620-227-3731	allison.sowards@usda.gov
Federal Aviation Administration	Central Region Regional Administrator	Joe	Miniace	901 Locust Street	Kansas City	MO	64106	916-329-3050	joseph.n.miniace@faa.gov
Kansas Biological Survey	Information Manager, Kansas Natural Heritage Inventory	Jennifer	Delisle	151 Takeru Hall, 2101 Constant Ave.	Lawrence	KS	66047		jdelsile@ku.edu
Kansas Department of Transportation	District 6 Engineer	Ron	Hall	121 N Campus Dr	Garden City	KS	67846-6603	620-765-7074	ron.hall@ks.gov
Ford County	1st District Commissioner	Shawn	Tasset	100 Gunsmoke	Dodge City	KS	67801	620-338-7067	stasset@fordcounty.net
Ford County	2nd District Commissioner	Chris	Boys	100 Gunsmoke	Dodge City	KS	67801	620-255-5333	cboys@fordcounty.net
Ford County	3rd District Commissioner	Kenneth	Snook	100 Gunsmoke	Dodge City	KS	67801	620-338-3848	ksnook@fordcounty.net
Ford County	Planning & Zoning Director	To whom it may concern		100 Gunsmoke	Dodge City	KS	67801	620-371-3202	mdrake@fordcounty.net
Meade County	Plains Commissioner	Clair	Bender	P.O. Box 128	Plains	KS	67869	620-563-9550	
Meade County	Meade Commissioner	Janna	Frydendall	P.O. Box 1092	Meade	KS	67864	620-482-6099	
Meade County	Fowler Commissioner	Randy	Leis	P.O. Box 222	Fowler	KS	67844	620-635-6034	
Gray County	District 1 Commissioner	Mark	Busch	15405 E Road	Cimarron	KS	67835	620-855-0006	
Gray County	District 2 Commissioner	Glenn	Oyler	P.O. Box 833	Cimarron	KS	67835	620-855-2169	
Gray County	District 3 Commissioner	Orville	Williams	11304 BB Rd	Montezuma	KS	67867	620-846-2580	
Gray County	Zoning Administrator	To whom it may concern		300 S Main St	Cimarron	KS	67835	620-855-7701	swendel@grayco.org



January 8th, 2024

Name
Title
Agency
Address
City, State Zip

Re: Transmission Line Routing Study, Gray and Meade and Ford Counties Kansas

Name

Burns & McDonnell has been retained by Invenenergy Transmission to conduct a routing study for the above referenced potential 345 kilovolt overhead transmission line. The proposed overhead transmission line would begin at a point of interconnecting from a potential future substation or switchyard to the Grain Belt Express high voltage direct current (HVDC) converter station in Ford County, Kansas. The objective of the study is to identify a feasible route for the overhead transmission line. Your input will assist us with the completion of this effort.

The study area encompasses a corridor between a potential future substation or switchyard in Meade County and the Grain Belt Express HVDC converter station southeast of Dodge City in Ford County. Please refer to the enclosed map and associated Public Land Survey System (PLSS) table for the location and additional details of the study area.

Burns & McDonnell is seeking information on agency-owned or managed resources that may be affected. Information could include existing agency-owned or managed lands, conservation projects or easements, threatened or endangered species, historic sites, historic districts, archaeological resources, and protected wetlands and waterbodies within the study area. In addition, please identify any permits or clearances that may be required from your agency to construct the proposed transmission line in public or private rights-of-way.

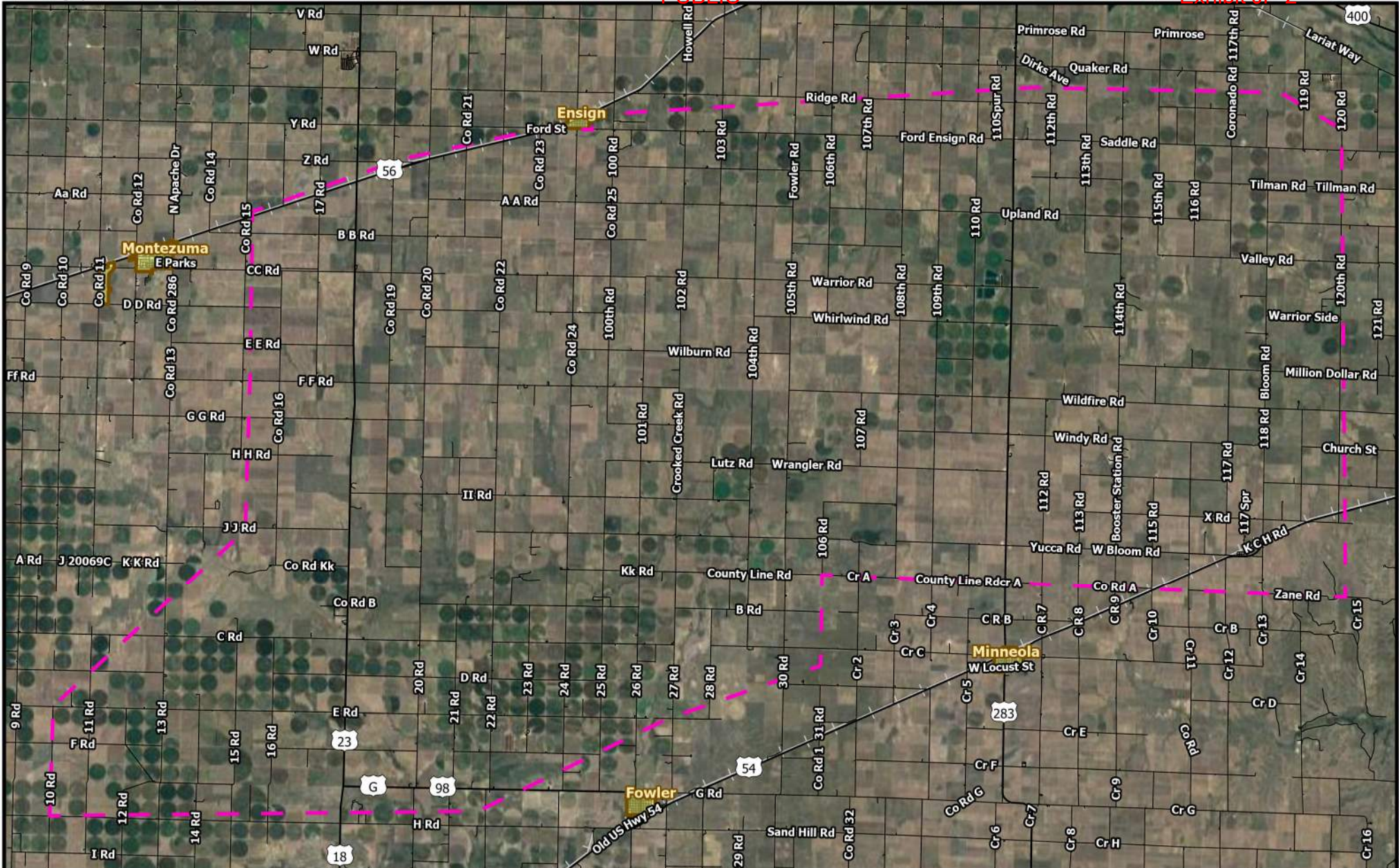
If you have any questions or require additional technical information, please contact me at jfgrennan@burnsmcd.com or by phone at (512) 431-7409. Otherwise, please provide written comments sent to the attention of Saundie Franz at Burns & McDonnell, 9450 Ward Parkway, Kansas City, MO 64114. We would appreciate receipt of comments by January 15, 2024. Thank you for your time and assistance.

Sincerely,

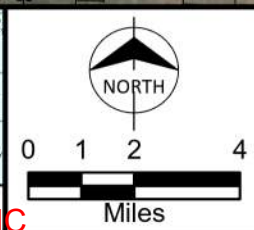
Joseph Grennan
Project Manager
Enclosure: Study Area Map, PLSS Table
cc: Dia Kuykendall, Invenenergy Transmission

PUBLIC

Exhibit JP-2



Study Area
Town
Road
Railroad



Transmission Line Routing
Study Area
Invenergy Transmission
Gray, Meade, and
Ford County, Kansas
Exhibit JP-2

PUBLIC

Gray, Meade and Ford Project Public Land Survey System Table

Public Land Survey System
S13-T28S-R28W
S27-T28S-R27W
S28-T28S-R27W
S25-T28S-R28W
S29-T28S-R27W
S26-T28S-R28W
S28-T28S-R28W
S34-T28S-R27W
S35-T28S-R28W
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Gray, Meade and Ford Project Public Land Survey System Table

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Gray, Meade and Ford Project Public Land Survey System Table

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Gray, Meade and Ford Project Public Land Survey System Table

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Gray, Meade and Ford Project Public Land Survey System Table

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Kansas Biological Survey
& Center for Ecological Research

Saundie Franz
Burns & McDonnell
9450 Ward Parkway
Kansas City, MO 64114

January 9, 2024

RE: Transmission Line Routing Study, Gray, Meade and Ford Counties Kansas

Dear Saundie;

I have reviewed the Kansas Natural Heritage Inventory database for records of state and federal threatened, endangered, and special concern species at the referenced site.

The project falls within the known range of the Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*). Our office no longer maintains precise location data for this species; please contact the Kansas Dept. of Wildlife and Parks for this information.

Most of Kansas has not been surveyed for rare species and their habitats; absence of records should not be interpreted as an indication that rare species or natural habitats do not occur in any particular area. For a list of protected animal species known or likely to occur in the project Counties please go to <http://kdwpt.state.ks.us/Services/Threatened-and-Endangered-Wildlife>. No protected plant species occur in any of the project counties.

Thank you for providing the Kansas Biological Survey & Center for Ecological Research the opportunity to comment on this proposed project. Please give me a call at 785-864-1538 if I can be of further assistance.

Sincerely,

Jennifer M. Delisle
Information Manager
Kansas Natural Heritage Inventory



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, KANSAS CITY DISTRICT
KANSAS STATE REGULATORY OFFICE
2710 NE SHADY CREEK ACCESS ROAD
EL DORADO, KANSAS 67042

December 21, 2023

Kansas State Regulatory Office
NWK-2023-00852

Joseph Grennan
10 North Park Place Suite 330
Morristown, NJ 07960

Dear Mr. Grennan:

This is in reply to your request for comment on the transmission line routing study for a potential 345 kilovolt overhead transmission line and a potential future substation or switchyard to the Grain Belt Express high voltage direct current converter station in Ford County. The study area includes Gray, Meade, and Ford counties in Kansas. This request was received on December 12, 2023. This area study is located in and around Section 14, Township 29 South, and Range 27 West [Latitude 37.5292, Longitude -100.2446].

The Corps of Engineers has jurisdiction over all waters of the United States. Discharges of dredged or fill material in waters of the United States, including wetlands, require prior authorization from the Corps under Section 404 of the Clean Water Act (USC 1344). The implementing regulation for this Act is found at 33 CFR 320-332.

Should the proposed improvements require the discharge of dredged or fill material in any waters of the United States, including wetlands, a Department of the Army (DA) permit may be required. However, if the proposed improvements do not require the discharge of dredged or fill material in any waters of the United States, including wetlands, a DA permit will not be required.

Federal regulations require that a DA permit be issued by the Corps of Engineers prior to the initiation of any construction on the portion of a proposed activity which is within the Corps' regulatory jurisdiction.

Enclosed is a copy of our Regulatory Brochure. Should your proposed work require a DA permit, the application form and instructions may be downloaded at: <https://www.nwk.usace.army.mil/Missions/Regulatory-Branch/> and submitted electronically to the appropriate Regulatory Office.

We are interested in your thoughts and opinions concerning your experience with the Kansas City District, Corps of Engineers Regulatory Program. Please feel free to complete our Customer Service Survey form on our website at: <https://regulatory.ops.usace.army.mil/customer-service-survey/>. You may also call and request a paper copy of the survey which you may complete and return to us by mail.

Emma Trier, Regulatory Assistant, reviewed the information furnished and made this determination. If you have any questions concerning this matter, please feel free to contact Ms. Trier at 816-389-3710 or by email at Emma.R.Trier@usace.army.mil. Please reference Permit No. 2023-00852 in all comments and/or inquiries relating to this project. This letter is only being provided to you electronically at: jfgrennan@burnsmcd.com.

Enclosure

Mission

The Regulatory Program is committed to protecting the Nation's aquatic resources, while allowing reasonable development through fair, flexible and balanced permit decisions. The Corps evaluates permit applications for essentially all construction activities in the Nation's waters, including wetlands.

Corps Authority and Jurisdiction

The U.S. Army Corps of Engineers, Kansas City District Regulatory Branch is responsible for protecting the physical, chemical and biological health of our nation's aquatic resources. We are tasked with protecting the navigable capacity of Traditional Navigable Waters. We do this under the authorities of Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act. Protecting streams, lakes and wetlands is critical due to their role in improving water quality, providing habitat for fish and wildlife, as well as the extensive value they provide to the public.



How to reach us:

www.nwk.usace.army.mil/Missions/Regulatory-Branch

See Service Area Map to contact the appropriate office

Kansas City Regulatory Office

601 East 12th Street
Kansas City, MO 64106
Tel: 816-389-3990
Regulatory.KansasCity@usace.army.mil

Missouri State Regulatory Office

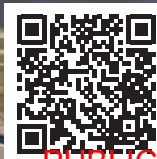
515 East High Street, #202
Jefferson City, MO 65101
Tel: 573-634-2248
Regulatory.MissouriState@usace.army.mil

Kansas State Regulatory Office

2710 NE Shady Creek Access Road
El Dorado, KS 67042
Tel: 316-322-8247
Regulatory.KansasState@usace.army.mil

Kanopolis Regulatory Satellite Office

107 Riverside Drive
Marquette, KS 67464
Tel: 316-322-8247
Regulatory.Kanopolis@usace.army.mil



PUBLIC

Exhibit JP-2

U.S. ARMY CORPS OF ENGINEERS REGULATORY

PERMITTING PROGRAM



US Army Corps
of Engineers®
Kansas City District

Exhibit JP-2

A Corps permit is required for:

- Structures and/or work affecting navigable waters of the U.S.
- Any discharge of dredged or fill material into waters of the U.S.

Areas where permits may be required: *Waters within the Corps' jurisdiction (Waters of the U.S.)*

- Territorial seas, and waters which are currently used, or were used in the past, or may be susceptible to use in interstate or foreign commerce including waters which are subject to the ebb and flow of the tide.
- Tributaries.
- Lakes and Ponds, and impoundments of jurisdictional waters.
- Adjacent wetlands.

Permit application requirements:

- Digital submittal by email preferred.
- Applicant name, address and telephone number.
- Project location map.
- Project description, purpose, plans and drawings.
- Mitigation plans to offset environmental impacts.

Wetlands: *Wetland identification is complex; however, wetlands are generally characterized by:*

- Soils saturated or flooded during some parts of most years.
- Vegetation that is adapted for moist soil conditions such as bulrush, cattails, rushes, sedges, willows, etc.
- Hydrology that has a presence of surface water or saturation during some part of the growing season.

Why are Wetlands and Streams Important: *Wetlands and Streams are significant resources that provide several important functions. Wetlands:*

- Prevent floods by acting like a giant sponge that stores and slowly releases stormwater.
- Replenish groundwater supplies.
- Purify water by filtering out sediment, pollutants, and fertilizers.
- Provide important wildlife habitat.
- Provide recreational opportunities such as hiking, hunting, and bird watching.

Streams:

- Provide a drinking water source.
- Navigation and Transportation.
- Provide recreational opportunities, including boating, swimming, and fishing.

Types of permits:

- Standard Permits - these include Individual Permits and Letters of Permission for large or complex actions. A public notice and comment period are required for these permits.
- General Permits - these include Nationwide Permits and Regional General Permits for small or routine actions that are similar in nature and typically have only minor environmental impacts.

What Can You Do to Help Us:

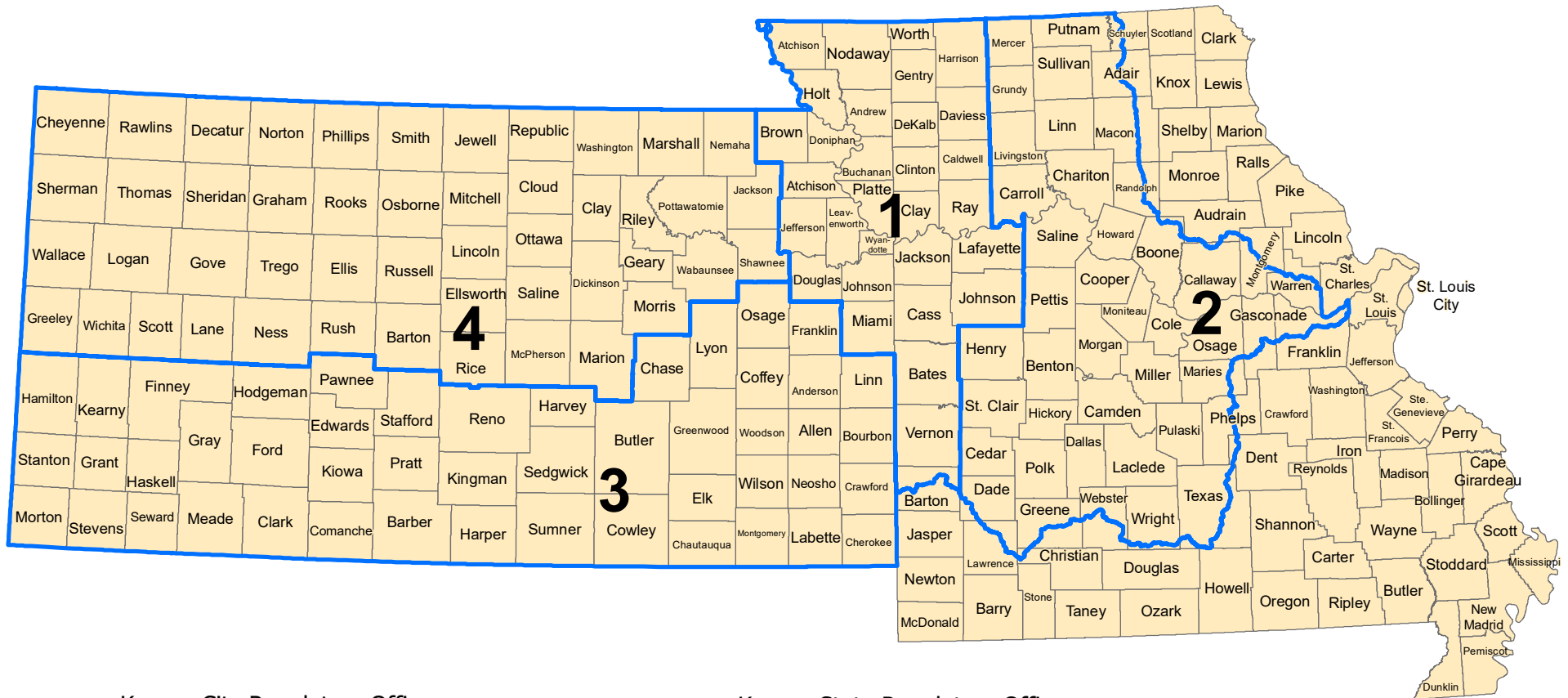
Applying early allows time to address unanticipated delays such as endangered species' critical habitat impacts, impacts to a special aquatic site, cultural resource or historic site impacts or many other factors that may require coordination with other agencies which can substantially lengthen project review time and may require additional avoidance, minimization, and/or mitigation.

Be Proactive

Submit your application or request a pre-application meeting well in advance of when you plan to start construction.



Regulatory Office Boundary Map



1 Kansas City Regulatory Office
 601 East 12th Street
 Kansas City, MO 64106
 Tel: 816-389-3990
 FAX: 816-389-2032
Regulatory.KansasCity@usace.army.mil

2 Missouri State Regulatory Office
 515 East High Street #202
 Jefferson City, MO 65101
 Tel: 573-634-2248
 Fax: 573-634-7960
Regulatory.MissouriState@usace.army.mil

3 Kansas State Regulatory Office
 2710 NE Shady Creek Access Road
 El Dorado, KS 67042
 Tel: 316-322-8247
 Fax: 316-322-8259
Regulatory.KansasState@usace.army.mil

4 Kanopolis Regulatory Satellite Office
 107 Riverside Drive
 Marquette, KS 67464
 Tel: 316-322-8247
 Fax: 316-322-8259
Regulatory.Kanopolis@usace.army.mil



US Army Corps
 of Engineers
 Kansas City District
 Regulatory Program
 Service Areas

Franz, Saundie B

From: Grennan, Joseph F (Joe)
Sent: Wednesday, January 3, 2024 1:40 PM
To: Franz, Saundie B
Subject: FW: Agency Comments: Transmission Line Routing Study, Gray and Meade and Ford Counties Kansas
Attachments: Scanned_from_a_Lexmark_Multifunction_Product12-11-2023-011101.pdf

See attached for FAA feedback

Joseph F. Grennan \ Burns & McDonnell
Renewables Business Development Manager, Environmental Services
c 512-431-7409
jfgrennan@burnsmcd.com \ burnsmcd.com
10 N. Park Place \ Suite 330 \ Morristown, NJ 07960

From: Tener, Scott (FAA) <scott.tener@faa.gov>
Sent: Friday, December 22, 2023 1:23 PM
To: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>
Subject: Agency Comments: Transmission Line Routing Study, Gray and Meade and Ford Counties Kansas

Joseph,

Please forward to Saundie Franz as only your email address was provided.

We appreciate the opportunity to comment on the proposed project. We generally do not provide comments from an environmental perspective.

Airspace Considerations:

The project may require formal notice and review for airspace considerations under 14 CFR Part 77, Safe, Efficient Use, and Preservation of the Navigable Airspace. To determine if you need to file with FAA, go to <http://oeaaa.faa.gov> and click on the "Notice Criteria Tool" found at the left-hand side of the page.

Several items may need to be checked such as any changes in ground elevation, structures, towers, poles, objects, and temporary construction equipment that exceed the notice criteria. For projects involving long routes, multiple locations will need to be checked (usually every mile and changes in elevation).

If after using the tool, you determine that filing with FAA is required, we recommend a 120-day notification to accommodate the review process and issue our determination letter. Proposals may be filed at <http://oeaaa.faa.gov>. More information on this process may be found at: <http://www.faa.gov/airports/central/engineering/part77/>

Please let me know if you have any questions,

Scott Tener
Environmental Program Manager

FAA Central Region Airports Division
901 Locust St., Room 364

Kansas City, Missouri 64106-2325
T 816.329.2639 | F 816.329.2611
<http://www.faa.gov/airports/central/>

Telephone Memo



Called: Joe Grennan
Organization: Burns & McDonnell
Caller: Ron Hall
Organization: Kansas Department of Transportation
Subject of Call: Meade to Dodge City Agency Correspondence

Call Date: December 2023
Phone No. Called: +1 (973) 370-3024

Project Name: Meade to Dodge City 345 kV Transmission Line
Project No.: 158983

Memo Prepared By: Saundie Franz
Date Memo Issued: February 19, 2024

Summary:

Ron Hall called to indicate that the project would need the appropriate permits from KDOT to construct the Project in road ROW. He also requested that roadways not be blocked during construction.

Franz, Saundie B

From: Grennan, Joseph F (Joe)
Sent: Monday, January 22, 2024 12:38 PM
To: Franz, Saundie B
Cc: Precht, Jamie
Subject: FW: KDWP Study Area Comments (Track 20131189-8, ERT20240053) - Grain Belt Express 345 kV transmission line, Ford-Gray-Meade

Follow Up Flag: Follow up
Flag Status: Flagged

Saundie

See below. Did we pull data from the KDWP Terrestrial Species of Concern data layer available on the Kansas Natural Resource Planner web mapping application? I know we have considered several data layers of LPC habitat.

Joseph F. Grennan \ Burns & McDonnell
 Renewables Business Development Manager, Environmental Services
 c 512-431-7409
jfgrennan@burnsmcd.com \ burnsmcd.com
 10 N. Park Place \ Suite 330 \ Morristown, NJ 07960

From: Eddy, Zac [KDWP] <Zac.Eddy@KS.GOV>
Sent: Wednesday, January 17, 2024 12:33 AM
To: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>
Subject: KDWP Study Area Comments (Track 20131189-8, ERT20240053) - Grain Belt Express 345 kV transmission line, Ford-Gray-Meade

Joseph Grennan,

We have reviewed the information for the proposed Invenergy 345 kV overhead transmission line routing study associated with the Grain Belt Express HVDC transmission line to occur in Ford, Gray, and Meade counties, Kansas. The study is seeking information to inform route siting of proposed "feeder" line to the future Grain Belt Express converter station north of Ford, Kansas. The project study area was reviewed for potential impacts to critical wildlife habitats, current state-listed threatened or endangered species and species in need of conservation, as well as Kansas Department of Wildlife and Parks managed areas for which this agency has administrative authority.

We note that the proposed study area includes areas of Designated Critical Habitat for the state-listed New Mexico Threadsnake (*Rena dissecta*) and Plains Minnow (*Hybognathus placitus*). Critical habitat for the threadsnake occurs in grassland areas while Crooked Creek in Ford and Meade counties is critical habitat for the Plains Minnow. We recommend avoidance of impacts to warm-season grassland areas as well as Crooked Creek and its riparian corridor. If impacts to these habitats are unavoidable, an Action Permit may be required by Kansas Department of Wildlife and Parks.

We also encourage Invenergy to review locations of known Lesser Prairie-Chicken (*Tympanuchus pallidicinctus*) occurrence throughout the project area. The species has been documented, within the study area, in Ford, Gray, and Meade counties. Generalized locations of occurrence can be reviewed via the Terrestrial Species of Concern data layer available on the Kansas Natural Resource Planner web mapping application. Please let us know if you need more information to access and review this information.

Based on the habitats and species noted above, we strongly advocate that when and where possible, new lines be through cropland and/or along road rights-of-way. We recommend spanning, or otherwise avoiding Crooked Creek. Warm-season grasslands should be prioritized for avoidance throughout the study area. We also recommend implementing the following measures to minimize risk for avian avoidance, collisions, and electrocution as well as other potential impacts to wildlife or habitat:

- **Avoid or minimize the removal of native upland or riparian hardwood timber and vegetation when moving or constructing new power lines.**
- **Consider enrolling the project in the existing USFWS Renewable Energy Lesser Prairie-Chicken Habitat Conservation Plan to offset unavoidable impacts to habitat and provide "take" protections for this project.**
- **Prairie-chicken leks have been documented near the construction area. If leks are within 1.25 miles of the work area, consider avoiding construction during the hours of 3:00 AM to 9:00 AM from March 1 through July 15 to minimize disturbance of breeding and nesting activity.**
- **When feasible, strictly follow the road right-of-way.**
- **Avoid/Minimize impacts to existing wetlands, springs or areas that pond water (e.g. filling).**
- **Avoid instream and stream bank disturbances including stabilizing the banks with foreign materials (e.g. riprap).**
- **Avoid encroachment or development in floodplains.**
- **Restore dry stream crossings to the original substrate configuration and composition.**
- **Replant grassland disturbances with native grasses and forbs, we recommend using the local seed mix for USDA-NRCS conservation practice 643 - Rare and Declining Habitat.**
- **Implement and maintain standard erosion control Best Management Practices during all aspects of construction by installing sediment barriers (wattles, filter logs, rock check ditches, mulching, or any combination of these) across the entire construction area to prevent sediment and spoil from entering aquatic systems. Barriers should be maintained at high functioning capacity until construction is completed and vegetation is established. For more information on erosion BMPs go to: <http://www.kdheks.gov/stormwater/#construct>.**
- **Consult the Avian Power Line Interaction Committee Marking Guidelines for mitigating avian collisions by marking the power line appropriately.**

- **Install perch guards on poles with repeat avian mortality.**
- **Track all avian mortality and mitigate accordingly.**

We cannot determine if a permit will be required for this project without additional information. When route alternatives have been selected, we request submission of those for further review. We also recommend consultation with all applicable regulatory authorities—including, but not limited to the U.S. Fish and Wildlife Service-Ecological Services and the Kansas Department of Health and Environment.

Thank you for the opportunity to provide these comments and recommendations. Please let me know if you have any questions or concerns about the preceding information.

Please direct all review materials electronically to kdwpt.ess@ks.gov to streamline the review process for all parties.

Thank you.

A handwritten signature in black ink, appearing to be "J. E. [unclear]".

**Kansas State Office**

760 S. Broadway Blvd.
Salina, Kansas 67401

January 19, 2024

Joseph Grennan
Burns and McDonnell
9400 Ward Parkway
Kansas City, MO 64114

RE: Transmission Line Routing Study, Gray and Meade and Ford Counties Kansas

Dear Joseph Grennan,

We received the information that you provided regarding the proposed project in Gray, Meade and Ford Counties in Kansas.

The Agriculture and Food Act of 1981 (Public Law 97-98) includes provisions for the Farmland Protection Policy Act (FPPA) in subtitle 1 of Title XV, Sections 1539-1549. This Act is intended to minimize the impact of Federal programs on unnecessary and irreversible conversion of prime and important farmland to nonagricultural uses. If you would like more information regarding the FPPA please visit <https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/landuse/fppa/>

After review, it appears that this proposed project would be for above ground transmissions lines only, which would **not** result in the permanent conversion of farmland to non-agriculture use. As such the FPPA would not apply. However, any substations or other buildings with a physical footprint could constitute a farmland conversion which would benefit from a Farmland Conversion Impact Rating form AD-1006.

If you have any questions or concerns regarding the FPPA please contact Jeffrey A. Hellerich, Acting State Soil Scientist at jeffrey.hellerich@usda.gov. If you would like to submit a Farmland Conversion Impact Rating form AD-1006 one can be downloaded at <https://www.nrcs.usda.gov/sites/default/files/2022-06/AD1006.pdf> Environmental review or FPPA inquiries can be e-mailed to KS.NRCS.ER.FPPA@usda.gov

Sincerely,



Jeffrey A. Hellerich
Acting State Soil Scientist

ec:

Kris R. Ethridge, Assistant State Conservationist for Field Operations, NRCS, Hutchinson,
Kansas

Kara J. Shaw, Administrative Support Assistant, NRCS, Hutchinson, Kansas

A. Tyler Labenz, Area Resource Soil Scientist, NRCS, Hutchinson, Kansas

Bradley D. Shank, Acting Supervisory District Conservationist, NRCS, Dodge City,
Kansas

Kindra S. Adams, District Conservationist, NRCS, Cimmaron, Kansas

Franz, Saundie B

From: Stelzleni, Jen <Jstelzleni@invenergy.com>
Sent: Wednesday, March 13, 2024 1:44 PM
To: rob_doster@fws.gov; Kamienski, Tomas D
Cc: O'Meilia, Chris; Luginbill, Jason S; Mendenhall, Laura C; Hill, Laurel A; Grennan, Joseph F (Joe)
Subject: Meade, Gray, and Ford Counties, KS Transmission Line Routing Study - Request for Eagle and Migratory Bird Information
Attachments: Meade-Gray-Ford Counties_Map.pdf; MeadeDodgeCity_Potential Routes.kmz

Good afternoon, Rob and Tomas.

My name is Jen Stelzleni, and I am on Invenergy's Environmental Compliance & Strategy team, managing environmental planning efforts for Invenergy's proposed AC Collector System in southwest Kansas. Per the email correspondence below, Chris O'Meilia recommended that the project team reach out to you to request information about eagles and other migratory birds that could inform the routing study.

The AC Collector System would consist of overhead alternating current electric transmission lines and associated infrastructure. The Meade-Dodge City line, the subject of this request, is anticipated to run approximately 46 miles in Meade, Gray, and Ford counties, Kansas. The study area encompasses a corridor between a potential future substation or switchyard in Meade County and the proposed Grain Belt Express HVDC converter station southeast of Dodge City in Ford County. For your reference, please see the attached pdf map of the study area, as well as a KMZ of the potential route segments we are examining.

We value any information you can share regarding known eagle nests and areas of importance to migratory birds within the study area. Ideally, if you could provide information by March 28 that will best assist us in our routing study. If you have questions, please let me know. I appreciate your time and consideration of this request.

Thank you,
Jen

Jennifer Stelzleni | Senior Manager, Environmental Compliance & Strategy
Invenergy | Saint Louis, MO
jstelzleni@invenergy.com | W 312-582-1285 | C 314-566-0396

From: O'Meilia, Chris <chris_omeilia@fws.gov>
Sent: Monday, February 26, 2024 2:24 PM
To: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>
Cc: Luginbill, Jason S <jason_luginbill@fws.gov>; Mendenhall, Laura C <laura_mendenhall@fws.gov>; Hill, Laurel A <Laurel_Hill@fws.gov>; Doster, Rob <Rob_Doster@fws.gov>; Kamienski, Tomas D <tomas_kamienski@fws.gov>
Subject: Re: [EXTERNAL] RE: request for shapefile - Gray, Meade, and Ford Counties transmission line routing study

Joe,

Thank you for contacting the U.S. Fish and Wildlife Service (Service) about Invenergy Transmission's potential overhead transmission project in portions of Gray, Meade, and Ford counties, Kansas. As you provided, the study area encompasses a corridor between a potential future substation or switchyard in southeast Ford County and the Grain Belt Express HVDC converter station southeast of Dodge City in Ford County. The following email, and the information and list of resource provided, is recommended by the Service to be fully

utilized in the planning, design, and assessment of potential effects to the proposed action to federal trust resources.

The Service has several online resources and or data that can support your work. The Service recommends starting your project review by using our Information for Planning and Consultation (IPaC; <https://ipac.ecosphere.fws.gov/>) system. Information available on IPaC includes known occurrences of Endangered Species Act (ESA) candidate, proposed, threatened and endangered species and designated critical habitat, bald and golden eagles, migratory birds, Service facilities, and National Wetlands Inventory identified wetlands.

The ESA status species currently known to occur in portions of your identified project area in Kansas include:

Gray, Meade, and Ford counties, Kansas

Candidate

Monarch butterfly

Proposed Endangered

Tricolored bat

Threatened

Lesser prairie-chicken
Arkansas River shiner

Endangered

Whooping crane
Peppered chub

From my review of the project, designated critical habitat was not identified as occurring within your planning area, but the Service recommends utilizing the geospatial data for critical habitat as a planning resource to inform project planning and design considerations. This data is available at the following link, <https://ecos.fws.gov/ecp/report/critical-habitat>.

I am providing some additional species specific resources here for your use and consideration in project planning.

Monarch butterfly

- Nationwide Candidate Conservation Agreement with Assurances (CCAA) for Monarch Butterfly - <https://www.fws.gov/media/nationwide-candidate-conservation-agreement-monarch-butterfly>
- Monarch CCAA Toolkit - <https://rightofway.erc.uic.edu/working-group-access/monarchccaatoolkit>

Lesser prairie-chicken (LPC)

- Service species websites - <https://www.fws.gov/lpc> and <https://ecos.fws.gov/ecp/species/1924>
- The Service recommends all actions that occur in or near the range of the LPC and could have potential to effect the species utilize the Service's *Framework for the Review of LPC Voluntary Conservation Programs* (July 2021; Framework). Specifically, for assessing potential effects of an action to LPC utilize Section B. Impact Site Assessment, and Appendix 1. The first 6 steps are a desktop geospatial exercise. It is recommended that project reviews complete work up to this step and contact the Service for additional guidance on if the remaining steps in the Framework need to be completed. The remaining steps include on-the-ground field assessments, documentation, and updates to the GIS as needed post field work. To ensure consistent application, the Service is available

to answer questions prior to any work following Framework methods is completed by a company or their consultant.

- *Framework for the Review of LPC Voluntary Conservation Programs* (July 2021) - <https://www.fws.gov/media/framework-review-lpc-voluntary-conservation-programs>
- The Service requires permits for surveys for LPC. Additional information is available upon request.
- The most current LPC lek and occurrence information is available:
 - Southern Great Plains Crucial Habitat Assessment Tool - <https://www.sgpchat.org/>, or
 - Kansas Natural Resource Planner - <https://kars-geoplatform-ku.hub.arcgis.com/pages/d5a79cd6da6f4baaa134aced43f7c7f6>

Whooping crane

- Service recommend conducting collision risk analysis using methods developed and used as part of the R-project transmission line compliance work (<https://www.fws.gov/project/r-project-transmission-line>). This project recently published information to the federal register, <https://www.federalregister.gov/d/2024-02490>. Specifically, the updated whooping crane collision risk methods can be found in Attachment 1 (*R-PROJECT WHOOPING CRANE RISK EVALUATION MODEL UPDATE FOR EVALUATING POTENTIAL IMPACTS TO WHOOPING CRANES*) of Appendix D (*WHOOPING CRANE RISK ANALYSIS REVIEW*) of the file titled, R-Project_Draft_Revised HCP_12-15-23 (<https://www.regulations.gov/document/FWS-R6-ES-2014-0048-0272>).
- Service recommends assessing the proposed actions location relative to habitat for the species using The Watershed Institute's *Potentially Suitable Habitat Assessment for the Whooping Crane* (June 2013; attached).
- Playa wetlands maps and tools from Playa Lakes Joint Venture - <https://pljv.org/playas/playa-tools/>

Additionally, the Service recommends reviewing and maintaining awareness of potential status changes for current ESA listed species, or non-ESA species petitioned or under review by the Service for possible inclusion under a formal ESA status designation, as these can affect the regulatory compliance obligations of proposed actions. This information can be accessed through the following Service sources:

- National Downlisting and Delisting Workplan - <https://www.fws.gov/project/national-downlisting-and-delisting-workplan>
- National Listing Workplan - <https://www.fws.gov/project/national-listing-workplan>

You may access online and downloadable geospatial information on existing Service-owned or managed lands through our National Wildlife Refuge System GIS Data and Mapping Tools, <https://www.fws.gov/service/national-wildlife-refuge-system-gis-data-and-mapping-tools>.

The Service implements conservation projects and facilitates or executes conservation easements through a multitude of programs and funding sources. We do not have a publicly available Service specific database of conservation projects or easements. We refer you to the National Conservation Easement Database (<https://www.conservationeasement.us/>) for one source of information, though it is not expected to be exhaustive, on conservation easements that have been made public. Additional related sources of geospatial information include:

- USDA Geospatial Data Gateway - look for "NRCS Conservation Easement Areas by State" and this should include all WRP and ACEP easements from USDA - <https://datagateway.nrcs.usda.gov/>
- USGS Protected Areas Database of the United States (PAD-US) - Uses NCED and other data - <https://www.usgs.gov/programs/gap-analysis-project/science/protected-areas>

Based on the information provided in this project review request, it is not possible to identify specific permits or clearances that may be required from the Service to construct the proposed transmission line in public or private rights-of-way. For determination of ESA compliance obligations, a finding of whether the project has a federal nexus, or not, would have to be documented and provided to the Service. If the proposed action has a federal nexus, then the lead federal agency would need to determine if a "May Affect" scenario exists for the proposed action, and engage the Service to address their Section 7 consultation obligation. If there is no federal nexus, then the entity responsible for the proposed action would need to determine if the potential for take from the proposed action exists, and as necessary, seek coverage under an appropriate Section 10 tool. I have attached Service guidance on this topic for your possible consideration, *Guidance on trigger for an incidental take permit under section 10(a)(1)(B) the Endangered Species Act where occupied habitat or potentially occupied habitat is being modified (April 2018)*. The ESA prohibits take without prior authorization. Take coverage is needed, regardless of which compliance path is necessary, unless avoidance of take can be quantified during an adequate assessment of effects of the proposed action. The Service recommends utilizing the attached topic sheet, *Deconstructing an Action (July 2021)*, as part of the support needed to conduct a robust assessment of the potential for take from all aspects of a proposed action. Once the federal nexus status is determined, the Service is available to discuss all available regulatory compliance options for the proposed action.

To fully address your request for information specific to eagles and other migratory birds beyond the basic topical information provided by IPaC, I recommend contacting the Service's Region 6 Division of Migratory Bird staff, Rob Doster or Tomas Kamienski (cc'ed above).

Thanks and let me know if you have any additional questions, or have problems accessing any of the provided resources. -Chris

Chris O'Meilia - Wildlife Biologist
U.S. Fish and Wildlife Service
Kansas Ecological Services Field Office
(720) 786-2873 (Work mobile)

Prairies = No Trees

"Grass begets grouse"

[-Ron Spomer](#)

From: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>

Sent: Tuesday, January 23, 2024 10:57 AM

To: O'Meilia, Chris <chris_omeilia@fws.gov>

Cc: Mendenhall, Laura C <laura_mendenhall@fws.gov>

Subject: RE: [EXTERNAL] RE: request for shapefile - Gray, Meade, and Ford Counties transmission line routing study

Thanks for letting me know Chris. I will be on the lookout for your response.

Joseph F. Grennan \ Burns & McDonnell

Renewables Business Development Manager, Environmental Services

c 512-431-7409

jfgrennan@burnsmcd.com \ burnsmcd.com

10 N. Park Place \ Suite 330 \ Morristown, NJ 07960

From: O'Meilia, Chris <chris_omeilia@fws.gov>

Sent: Tuesday, January 23, 2024 12:04 PM

To: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>

Cc: Mendenhall, Laura C <laura_mendenhall@fws.gov>

Subject: Re: [EXTERNAL] RE: request for shapefile - Gray, Meade, and Ford Counties transmission line routing study

Received 2 of 2. I will review and provide comments soon. Thanks. -Chris

Chris O'Meilia - Wildlife Biologist

U.S. Fish and Wildlife Service

Kansas Ecological Services Field Office

(720) 786-2873 (Work mobile)

Prairies = No Trees

"Grass begets grouse"

[-Ron Spomer](#)

From: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>

Sent: Friday, January 19, 2024 2:02 PM

To: O'Meilia, Chris <chris_omeilia@fws.gov>

Cc: Mendenhall, Laura C <laura_mendenhall@fws.gov>

Subject: [EXTERNAL] RE: request for shapefile - Gray, Meade, and Ford Counties transmission line routing study

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Hi Chris

Here are the shapefiles for the above referenced project. Please let me know if you have any questions.

Thanks and have a great weekend.

Joseph F. Grennan \ Burns & McDonnell

Renewables Business Development Manager, Environmental Services

c 512-431-7409

jfgrennan@burnsmcd.com \ burnsmcd.com

10 N. Park Place \ Suite 330 \ Morristown, NJ 07960

From: O'Meilia, Chris <chris_omeilia@fws.gov>

Sent: Wednesday, January 17, 2024 12:51 PM

To: Grennan, Joseph F (Joe) <jfgrennan@burnsmcd.com>

Cc: Mendenhall, Laura C <laura_mendenhall@fws.gov>

Subject: Re: request for shapefile - Gray, Meade, and Ford Counties transmission line routing study

Hello Joe. Hope you got to have some downtime during the holidays. Checking back on this and the other Invenergy Transmission project requests you sent, as I am now the project review lead for these projects. Are you able to share the GIS data for these projects? It is needed to complete our response. Thanks. -Chris

Chris O'Meilia - Wildlife Biologist

U.S. Fish and Wildlife Service

Kansas Ecological Services Field Office

(720) 786-2873 (Work mobile)

Prairies = No Trees

"Grass begets grouse"

-[Ron Spomer](#)

From: Mendenhall, Laura C <laura_mendenhall@fws.gov>
Sent: Tuesday, December 19, 2023 2:47 PM
To: jfgrennan@burnsmcd.com <jfgrennan@burnsmcd.com>
Cc: O'Meilia, Chris <chris_omeilia@fws.gov>
Subject: request for shapefile - Gray, Meade, and Ford Counties transmission line routing study

Joseph,

Could you provide the shapefile associated with the Gray, Mead, and Ford Counties transmission line routing study (referenced in the map attached to your December 4, 2023 letter)?

Thank you,

Laura

Laura Mendenhall

she/her

Fish & Wildlife Biologist

Kansas Ecological Services Field Office

U.S. Fish and Wildlife Service

*** currently teleworking, available by email ***

This electronic message and all contents contain information which may be privileged, confidential or otherwise protected from disclosure. The information is intended to be for the addressee(s) only. If you are not an addressee, any disclosure, copy, distribution or use of the contents of this message is prohibited. If you have received this electronic message in error, please notify the sender by reply e-mail and destroy the original message and all copies.

APPENDIX D – PUBLIC INVOLVEMENT MATERIALS

Bucklin Line

PUBLIC

Exhibit JP-2

Invenery
C/O AC Collector System
1 S Wacker Dr
STE 1800
Chicago, IL 60606

PRESORTED
First-Class Mail
U.S. Postage
PAID
St. Louis, MO
Permit No 1037

You're invited to attend a meeting to learn more about the **AC Collector System** project that will improve grid reliability for all Southwest Kansas energy users.

 *Flip this postcard to learn more.*

 Connect@ACCollector.com

 ACCollector.com

PUBLIC

Exhibit JP-2
Page 187 of 506

AC COLLECTOR SYSTEM

PUBLIC

New electric utility infrastructure (an Alternating Current Collector System, or “AC Collector System”) is currently being studied that will enable enhanced local energy delivery and reliability while promoting the economic interests of Southwest Kansas farmers, ranchers, and communities. By connecting nearby wind and solar farms to a path to new markets from a high voltage direct current (HVDC) transmission line, the AC Collector System will **enable energy cost savings and reliability benefits** for all Southwest Kansas energy users, while **creating new jobs** and **investment in local economies**.

PROJECT MAP

More detailed maps will be available at the in-person meetings and on the virtual open house.



Virtual Open House

Learn more and provide comments through a self-paced virtual open house available Friday, February 23 through Friday, March 8.

To participate online, visit [ACCollector.com](https://www.ACCollector.com)

PUBLIC

JOIN US

Exhibit JP-2

You are invited to attend any of our in-person open houses that best suits your schedule. There will be no formal presentation – you may come and go at your convenience during the scheduled meeting time.

FEB
27

Ford County

February 27, 2024

11 a.m. –1 p.m. or 4 p.m.–6 p.m.

Ford County Fair Building
901 Park St, Dodge City, KS 67801

FEB
28

Meade County

February 28, 2024

11 a.m. –1 p.m. or 4 p.m.–6 p.m.

City of Plains Community Building
812 Grand Ave, Plains, KS 67869

FEB
29

Gray County

February 29, 2024

11 a.m. –1 p.m. or 4 p.m.–6 p.m.

Gray County Recreation Center
17002 US-50 #1, Cimarron, KS 67835

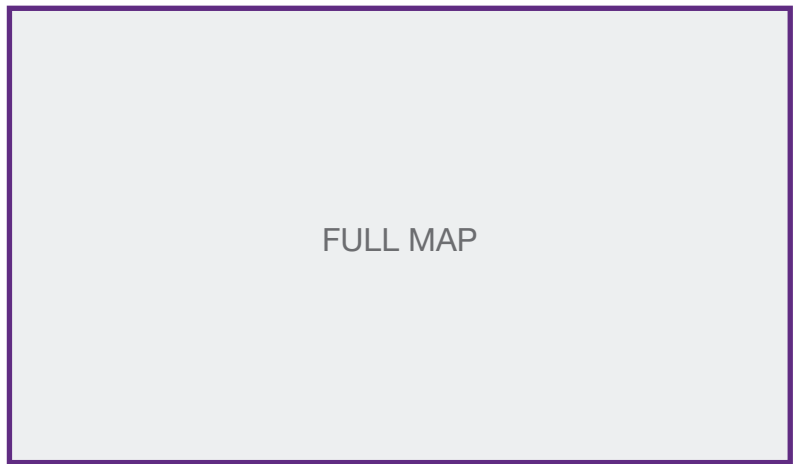
Exhibit JP-2

AC COLLECTOR SYSTEM

New electric utility infrastructure (an Alternating Current Collector System, or “AC Collector System”) is currently being studied that will enable enhanced local energy delivery and reliability while promoting the economic interests of Southwest Kansas farmers, ranchers, and communities. By connecting nearby wind and solar farms to a path to new markets from a high voltage direct current (HVDC) transmission line, the AC Collector System will **enable energy cost savings and reliability benefits** for all Southwest Kansas energy users, while **creating new jobs** and **investment in local economies**.

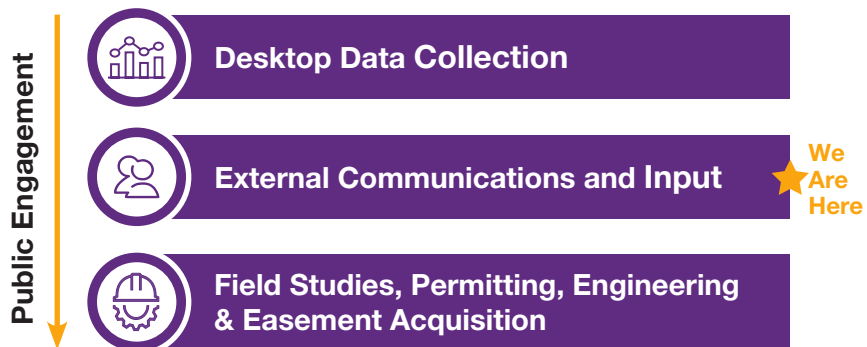
Prior to filing a siting application with the Kansas Corporation Commission (KCC) to obtain a Commission determination regarding the reasonableness of the route for the AC Collector System, Grain Belt Express LLC, owner of the Grain Belt Express HVDC transmission line, is seeking public feedback on preliminary alternative route networks for the AC Collector System. The Project Study Area in which the alternative route networks are located is comprised of parts of Ford, Meade, and Gray Counties.

The AC Collector System will enable significant near- and long-term economic development, job creation, and tax revenues for the local region, at no cost to Kansas ratepayers. Together with the Grain Belt Express HVDC transmission line, these facilities will enable over **\$1 billion in energy cost savings** for Kansans over 15 years and protect the local power grid from outages caused by extreme weather events and other regional grid emergencies.



ROUTING PROCESS

Invenergy Transmission is committed to conversations with the community to gain insight into how we can best work together throughout this project. Input from landowners and the public will be gathered and incorporated throughout the routing process.



Visit our virtual open house through **March 8!**



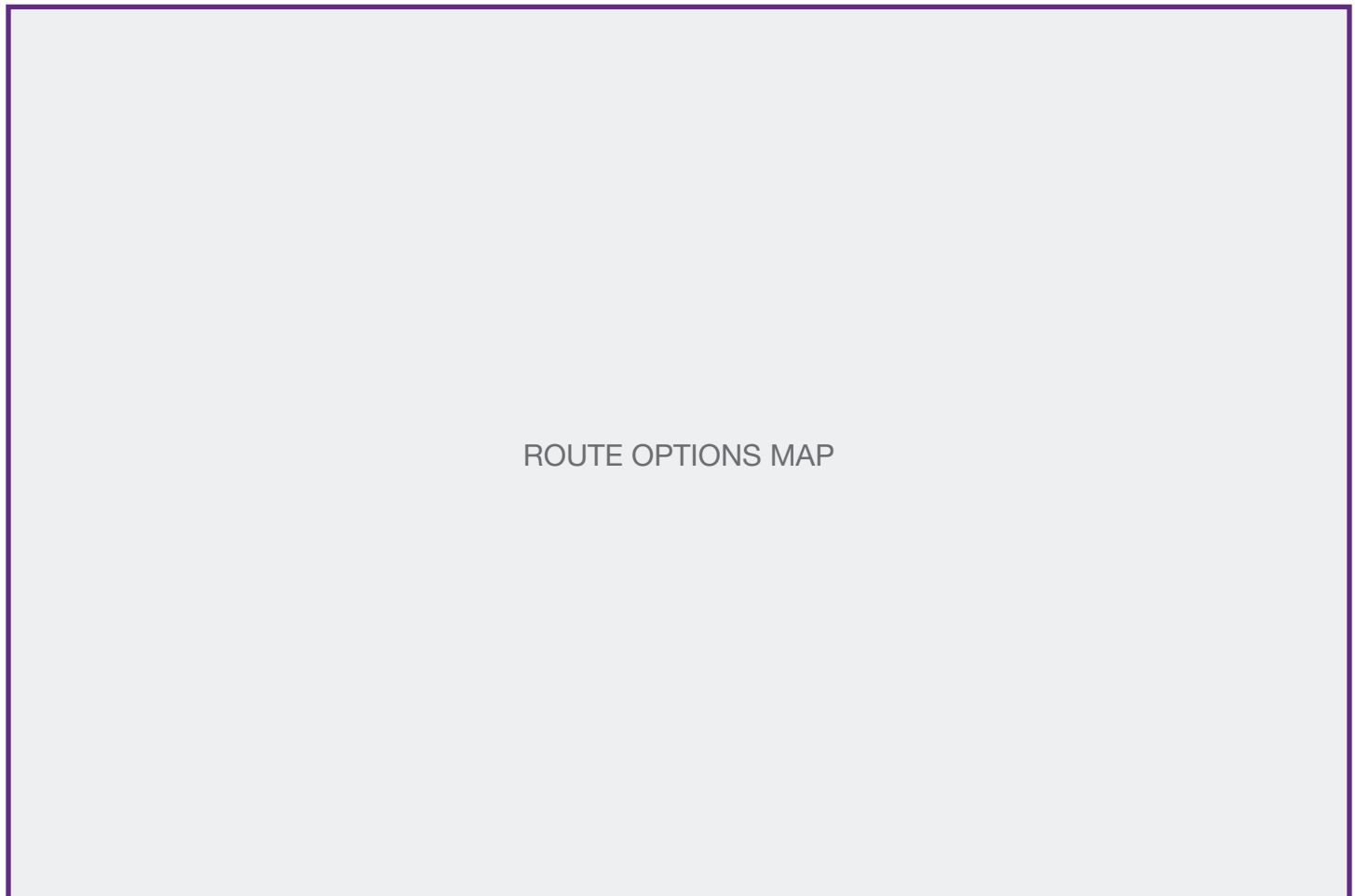
Connect@ACCollector.com

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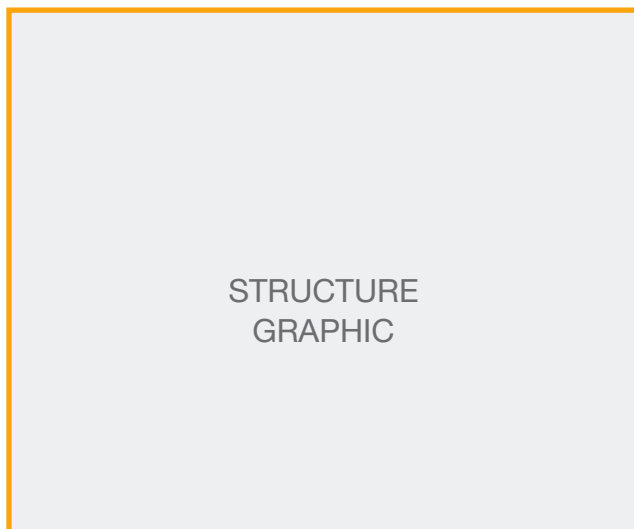
AC COLLECTOR SYSTEM

DODGE CITY-BUCKLIN LINE

The AC Collector System consists of two overhead alternating current electric transmission lines and associated substation infrastructure. The Dodge City-Bucklin line is an approximately 20 miles long, 345 kV transmission line in Ford County, Kansas.



ROUTE OPTIONS MAP



STRUCTURE GRAPHIC

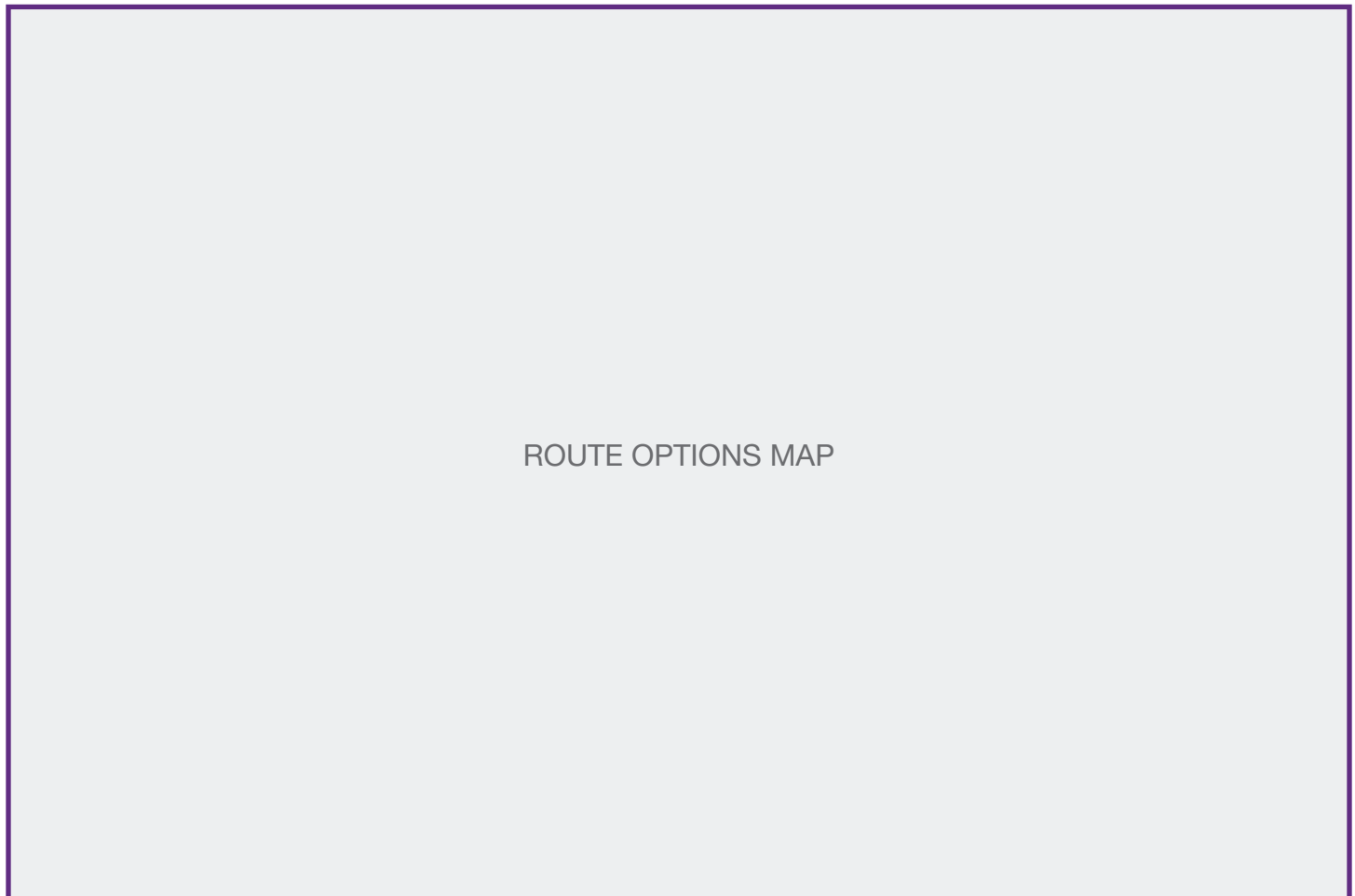
WHERE DOES THE POWER COME FROM?

Power delivered through the Dodge City-Bucklin line will come from a wind energy center in Ford and Kiowa Counties that will generate clean, American-made energy to meet the nation's growing electricity demand. This project will power more than 89,000 American homes, while generating millions of dollars of economic development.

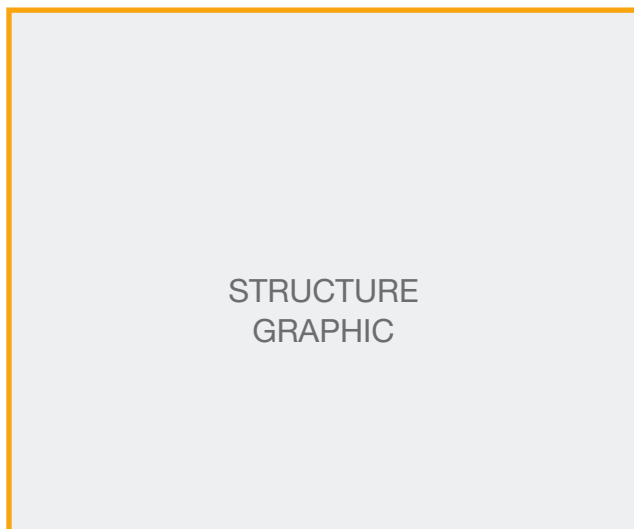
AC COLLECTOR SYSTEM

DODGE CITY-MEADE LINE

The AC Collector System consists of two overhead alternating current electric transmission lines and associated substation infrastructure. The Dodge City-Meade line is an approximately 46 miles long, 345 kV transmission line in Ford County, Gray County and Meade County in Southwest Kansas.



ROUTE OPTIONS MAP



STRUCTURE GRAPHIC

WHERE DOES THE POWER COME FROM?

Power delivered through the Dodge City-Meade line will come from a wind power generation facility in Meade, Seward and Gray Counties that is targeted to begin operating in 2026. This project represents a \$1 billion capital investment and will capture the superior wind resource in Kansas, enabling the delivery of low-cost wind energy to communities.

Bucklin to Dodge City 345kV Transmission Line Project - QUESTIONNAIRE

This questionnaire is designed to help identify issues related to the alternate route network. Your answers will assist the study team in understanding public interests and concerns and will allow the team to incorporate this information into the alternate route selection process. Please complete this questionnaire after you have reviewed the information presented at the open house today. Note that all the fields below are optional to complete, and your answers will remain confidential. Thank you for your input.

Name: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Email: _____

Contact Preference: Phone Email

Parcel Number/ID and County: _____

This is a parcel that (check all that apply): I own My Relatives Own I rent I manage
 Other, please explain: _____

PROJECT NEED

1. Do you believe the routing and siting process for this transmission line project has been explained adequately?
 Yes No Uncertain

If "no" or "uncertain," what additional information would be helpful to you?

LINE ROUTING CONSIDERATIONS

2. The routing of a transmission line involves many considerations. Please circle the number corresponding to the level of importance of that factor to you.

	Not Important		Somewhat Important		Most Important
Maximize distance from residences	1	2	3	4	5
Maximize distance from businesses	1	2	3	4	5
Maximize distance from public facilities (e.g., parks, schools, churches, cemeteries)	1	2	3	4	5
Maximize length along existing lines of land division	1	2	3	4	5
Maximize length along roads	1	2	3	4	5
Minimize length through wetlands and number of stream/river crossings	1	2	3	4	5
Minimize length across tilled agricultural land	1	2	3	4	5
Minimize length across center pivot irrigation	1	2	3	4	5
Minimize loss of trees	1	2	3	4	5
Minimize total length of line (reducing the total cost)	1	2	3	4	5
Minimize length through grassland or pasture	1	2	3	4	5
Minimize impacts to archaeological and historic sites	1	2	3	4	5
Minimize distance through sensitive habitat areas	1	2	3	4	5

- 3. If you have a concern with, or a suggestion for, a particular transmission line route(s) shown on the display of the alternate route network, please indicate the alternate route link number and describe your concern or suggestion. The more specific you can make your comments is helpful to us. For example, *“We have a permit to build a shed along that path of the line”* is more helpful than *“Don’t build it here.”*

Alternate Route

Concern:

Link Number:

ADDITIONAL COMMENTS OR QUESTIONS

- 4. Do you have any additional comments or questions for the project team?

- 5. Would you like a member of the project team to follow up with you after the meeting about your comments?

Yes No

Please submit the completed forms in the comment collection box upon leaving today’s meeting.

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Open House: February 27, 28, and 29, 2024

**Table D-1
Open House Questionnaire Data
Bucklin Project**

All Questionnaires Total

	<u>No.</u>
Total number of questionnaires submitted during the in-person open houses	14
Total number of questionnaires submitted to the online open house	11
Total number of questionnaires submitted for the Bucklin - Dodge City project	25

This is a parcel that (check all that apply):

	<u>No.</u>
I own	11
My Relatives Own	7
I rent	3
I manage	1
Other (number of comments)	2
Left Blank	6

PROJECT NEED

1. Do you believe the routing and siting process for this transmission line project has been explained adequately?

	<u>No.</u>
Yes	14
No	4
Uncertain	3
Blank	4

LINE ROUTING CONSIDERATIONS

Question 2- Routing Factor Results

Routing Factor	Not Important		Somewhat Important		Most Important	Blank	Total
	1	2	3	4	5		
Maximize distance from homes	2	0	2	0	16	5	25
Maximize distance from businesses	1	0	2	5	8	9	25
Maximize distance from public facilities (e.g., parks, schools, churches, cemeteries)	1	0	3	4	10	7	25
Maximize length along existing lines of land division	0	1	4	1	10	9	25
Maximize length along roads	1	0	2	0	17	5	25
Minimize length through wetlands and number of stream / river crossings	2	1	3	1	8	10	25
Minimize length across tilled agricultural land	2	1	0	0	16	6	25
Minimize length across center pivot irrigation	2	0	1	0	14	8	25
Minimize loss of trees	1	3	2	1	8	10	25
Minimize total length of line (reducing the total cost)	4	2	2	2	7	8	25
Minimize length through grassland or pasture	1	2	2	2	10	8	25
Minimize impacts to archaeological and historic sites	2	1	3	1	8	10	25
Minimize distance through sensitive habitat areas	1	0	4	1	9	10	25

Question 2- Routing Factor Results (Weighted)

Routing Factor	Not Important		Somewhat Important		Most Important	Total
	1	2	3	4	5	
Maximize distance from homes	2	0	6	0	80	88
Maximize distance from businesses	1	0	6	20	40	67
Maximize distance from public facilities (e.g., parks, schools, churches, cemeteries)	1	0	9	16	50	76
Maximize length along existing lines of land division	0	2	12	4	50	68
Maximize length along roads	1	0	6	0	85	92
Minimize length through wetlands and number of stream / river crossings	2	2	9	4	40	57
Minimize length across tilled agricultural land	2	2	0	0	80	84
Minimize length across center pivot irrigation	2	0	3	0	70	75
Minimize loss of trees	1	6	6	4	40	57
Minimize total length of line (reducing the total cost)	4	4	6	8	35	57
Minimize length through grassland or pasture	1	4	6	8	50	69
Minimize impacts to archaeological and historic sites	2	2	9	4	40	57
Minimize distance through sensitive habitat areas	1	0	12	4	45	62

Question 2- Routing Factor Results (Sorted)

Routing Factor	Not Important	Somewhat Important			Most Important	Total
	1	2	3	4	5	
Maximize length along roads	1	0	6	0	85	92
Maximize distance from homes	2	0	6	0	80	88
Minimize length across tilled agricultural land	2	2	0	0	80	84
Maximize distance from public facilities (e.g., parks, schools, churches, cemeteries)	1	0	9	16	50	76
Minimize length across center pivot irrigation	2	0	3	0	70	75
Minimize length through grassland or pasture	1	4	6	8	50	69
Maximize length along existing lines of land division	0	2	12	4	50	68
Maximize distance from businesses	1	0	6	20	40	67
Minimize distance through sensitive habitat areas	1	0	12	4	45	62
Minimize total length of line (reducing the total cost)	4	4	6	8	35	57
Minimize loss of trees	1	6	6	4	40	57
Minimize length through wetlands and number of stream / river crossings	2	2	9	4	40	57
Minimize impacts to archaeological and historic sites	2	2	9	4	40	57

5. Would you like a member of the project team to follow up with you after the meeting about your comments?

	No.
Yes	6
No	9
Did not answer	10

Meade Line

PUBLIC

Exhibit JP-2

Invenery
C/O AC Collector System
1 S Wacker Dr
STE 1800
Chicago, IL 60606

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Permit No 1037

You're invited to attend a meeting to learn more about the **AC Collector System** project that will improve grid reliability for all Southwest Kansas energy users.

 *Flip this postcard to learn more.*

 Connect@ACCollector.com

 ACCollector.com

PUBLIC

Exhibit JP-2
Page 197 of 506

AC COLLECTOR SYSTEM

PUBLIC

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PROJECT MAP

More detailed maps will be available at the in-person meetings and on the virtual open house.



Virtual Open House

Learn more and provide comments through a self-paced virtual open house available Friday, February 23 through Friday, March 8.

To participate online, visit [ACCollector.com](https://www.ACCollector.com)

PUBLIC

JOIN US

Exhibit JP-2

You are invited to attend any of our in-person open houses that best suits your schedule. There will be no formal presentation – you may come and go at your convenience during the scheduled meeting time.

FEB
27

Ford County

February 27, 2024

11 a.m. –1 p.m. or 4 p.m.–6 p.m.

Ford County Fair Building
901 Park St, Dodge City, KS 67801

FEB
28

Meade County

February 28, 2024

11 a.m. –1 p.m. or 4 p.m.–6 p.m.

City of Plains Community Building
812 Grand Ave, Plains, KS 67869

FEB
29

Gray County

February 29, 2024

11 a.m. –1 p.m. or 4 p.m.–6 p.m.

Gray County Recreation Center
17002 US-50 #1, Cimarron, KS 67835

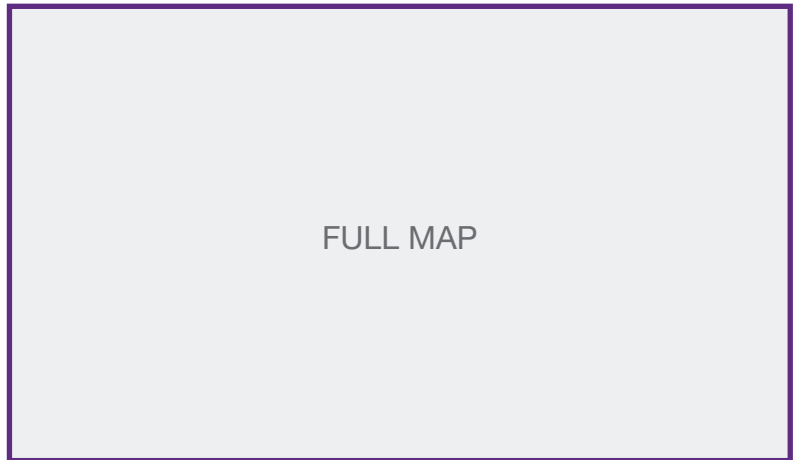
Exhibit JP-2

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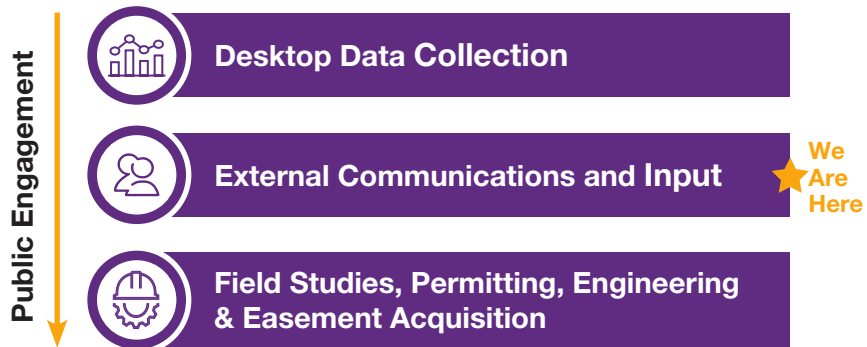
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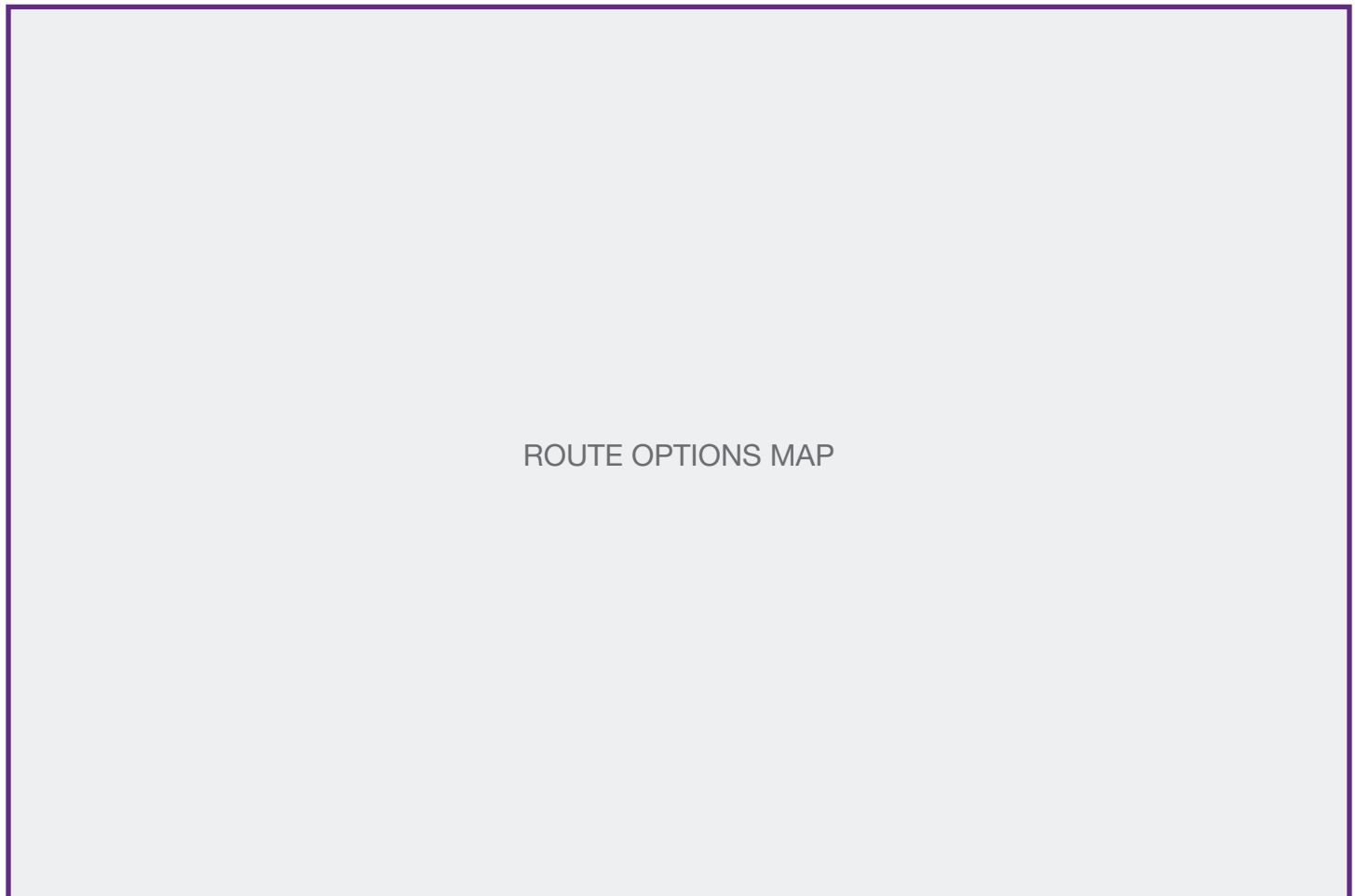
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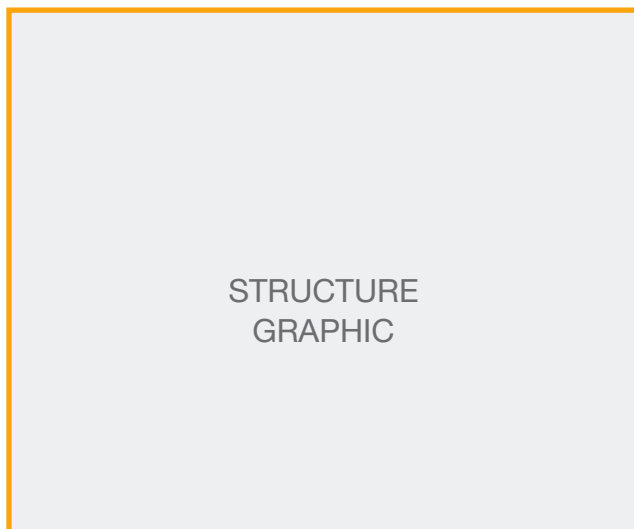
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ROUTE OPTIONS MAP



STRUCTURE GRAPHIC

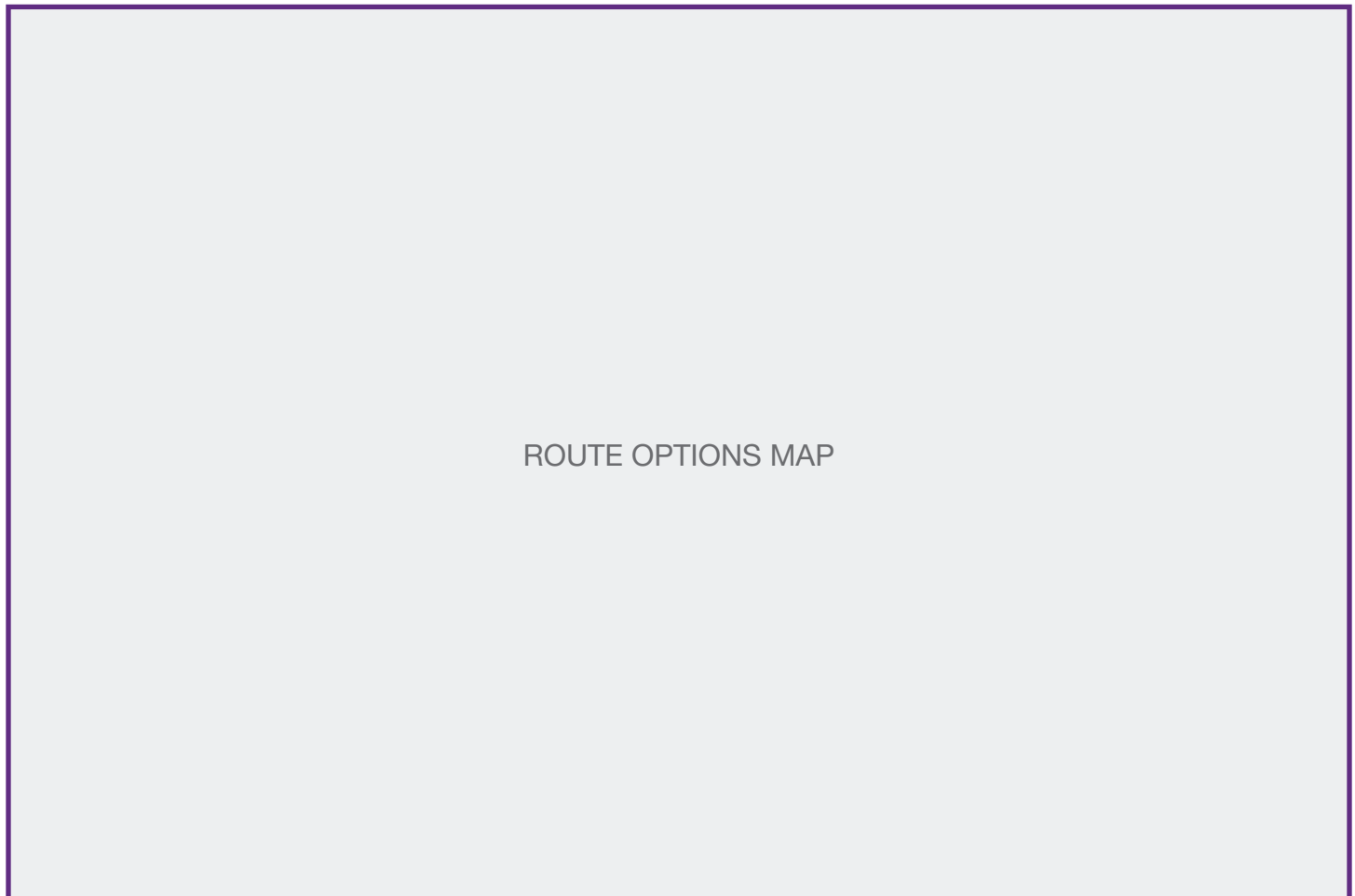
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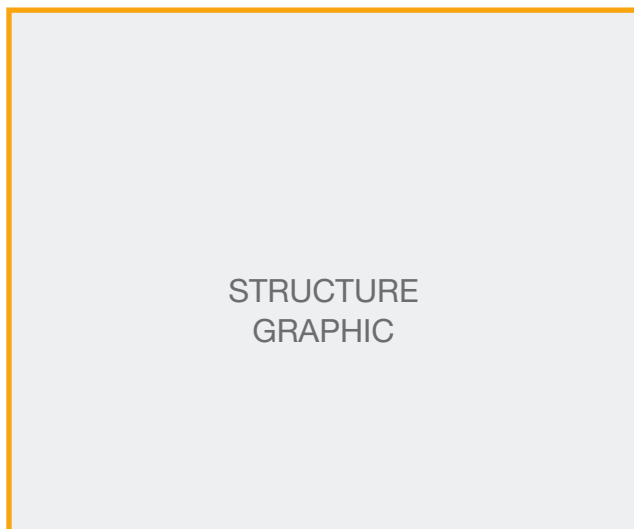
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ROUTE OPTIONS MAP



STRUCTURE GRAPHIC

WHERE DOES THE POWER COME FROM?

Power delivered through the Dodge City-Meade line will come from a wind power generation facility in Meade, Seward and Gray Counties that is targeted to begin operating in 2026. This project represents a \$1 billion capital investment and will capture the superior wind resource in Kansas, enabling the delivery of low-cost wind energy to communities.

Meade to Dodge City 345kV Transmission Line Project - QUESTIONNAIRE

This questionnaire is designed to help identify issues related to the alternate route network. Your answers will assist the study team in understanding public interests and concerns and will allow the team to incorporate this information into the alternate route selection process. Please complete this questionnaire after you have reviewed the information presented at the open house today. Note that all the below fields are optional to complete, and your answers will remain confidential. Thank you for your input.

Name: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Email: _____

Contact Preference: Phone Email

Parcel Number/ID and County: _____

This is a parcel that (check all that apply): I own My Relatives Own I rent I manage
 Other, please explain: _____

PROJECT NEED

1. Do you believe the routing and siting process for this transmission line project has been explained adequately?
 Yes No Uncertain

If "no" or "uncertain," what additional information would be helpful to you?

LINE ROUTING CONSIDERATIONS

2. The routing of a transmission line involves many considerations. Please circle the number corresponding to the level of importance of that factor to you.

	Not Important		Somewhat Important		Most Important
Maximize distance from residences	1	2	3	4	5
Maximize distance from businesses	1	2	3	4	5
Maximize distance from public facilities (e.g., parks, schools, churches, cemeteries)	1	2	3	4	5
Maximize length along existing lines of land division	1	2	3	4	5
Maximize length along roads	1	2	3	4	5
Minimize length through wetlands and number of stream/river crossings	1	2	3	4	5
Minimize length across tilled agricultural land	1	2	3	4	5
Minimize length across center pivot irrigation	1	2	3	4	5
Minimize loss of trees	1	2	3	4	5
Minimize total length of line (reducing the total cost)	1	2	3	4	5
Minimize length through grassland or pasture	1	2	3	4	5
Minimize impacts to archaeological and historic sites	1	2	3	4	5
Minimize distance through sensitive habitat areas	1	2	3	4	5

- 3. If you have a concern with, or a suggestion for, a particular transmission line route(s) shown on the display of the alternate route network, please indicate the alternate route link number and describe your concern or suggestion. The more specific you can make your comments is helpful to us. For example, “We have a permit to build a shed along that path of the line” is more helpful than “Don’t build it here.”

Alternate Route

Concern

Link Number.

ADDITIONAL COMMENTS OR QUESTIONS

- 4. Do you have any additional comments or questions for the project team?

- 5. Would you like a member of the project team to follow up with you after the meeting about your comments?
 Yes No

Please submit the completed forms in the comment collection box upon leaving today’s meeting.

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Open House: February 27, 28, and 29, 2024

**Table D-2
Questionnaire Tally Sheet
Meade Project**

All Questionnaires Total

	<u>No.</u>
Total number of questionnaires submitted during the in-person open houses	15
Total number of questionnaires submitted to the online open house	18
Total number of questionnaires submitted for the Bucklin - Dodge City project	33

This is a parcel that (check all that apply):

	<u>No.</u>
I own	20
My Relatives Own	5
I rent	4
I manage	1
Other (number of comments)	4
Left Blank	6

PROJECT NEED

1. Do you believe the routing and siting process for this transmission line project has been explained adequately?

	<u>No.</u>
Yes	17
No	7
Uncertain	6
I don't really understand	1
Blank	2

LINE ROUTING CONSIDERATIONS

Question 2- Routing Factor Results

Routing Factor	Not Important		Somewhat Important		Most Important	Total	Blank
	1	2	3	4	5		
Maximize distance from homes	2	0	1	3	22	28	5
Maximize distance from businesses	3	0	3	6	16	28	5
Maximize distance from public facilities (e.g., parks, schools, churches, cemeteries)	3	0	1	4	19	27	6
Maximize length along existing lines of land division	1	0	2	3	18	24	9
Maximize length along roads	1	0	1	7	18	27	6
Minimize length through wetlands and number of stream / river crossings	4	2	11	0	8	25	8
Minimize length across tilled agricultural land	1	1	2	1	22	27	6
Minimize length across center pivot irrigation	1	1	0	1	23	26	7
Minimize loss of trees	1	2	7	6	9	25	8
Minimize total length of line (reducing the total cost)	11	1	3	6	4	25	8
Minimize length through grassland or pasture	1	5	7	4	8	25	8
Minimize impacts to archaeological and historic sites	2	0	1	11	11	25	8
Minimize distance through sensitive habitat areas	3	1	4	9	8	25	8

Question 2- Routing Factor Results (Weighted)

Routing Factor	Not Important		Somewhat Important		Most Important	Total
	1	2	3	4	5	
Maximize distance from homes	2	0	3	12	110	127
Maximize distance from businesses	3	0	9	24	80	116
Maximize distance from public facilities (e.g., parks, schools, churches, cemeteries)	3	0	3	16	95	117
Maximize length along existing lines of land division	1	0	6	12	90	109
Maximize length along roads	1	0	3	28	90	122
Minimize length through wetlands and number of stream / river crossings	4	4	33	0	40	81
Minimize length across tilled agricultural land	1	2	6	4	110	123
Minimize length across center pivot irrigation	1	2	0	4	115	122
Minimize loss of trees	1	4	21	24	45	95
Minimize total length of line (reducing the total cost)	11	2	9	24	20	66
Minimize length through grassland or pasture	1	10	21	16	40	88
Minimize impacts to archaeological and historic sites	2	0	3	44	55	104
Minimize distance through sensitive habitat areas	3	2	12	36	40	93

Question 2- Routing Factor Results (Sorted)

Routing Factor	Not Important	Somewhat Important			Most Important	Total
	1	2	3	4	5	
Maximize distance from homes	2	0	3	12	110	127
Minimize length across tilled agricultural land	1	2	6	4	110	123
Maximize length along roads	1	0	3	28	90	122
Minimize length across center pivot irrigation	1	2	0	4	115	122
Maximize distance from public facilities (e.g., parks, schools, churches, cemeteries)	3	0	3	16	95	117
Maximize distance from businesses	3	0	9	24	80	116
Maximize length along existing lines of land division	1	0	6	12	90	109
Minimize impacts to archaeological and historic sites	2	0	3	44	55	104
Minimize loss of trees	1	4	21	24	45	95
Minimize distance through sensitive habitat areas	3	2	12	36	40	93
Minimize length through grassland or pasture	1	10	21	16	40	88
Minimize length through wetlands and number of stream / river crossings	4	4	33	0	40	81
Minimize total length of line (reducing the total cost)	11	2	9	24	20	66

5. Would you like a member of the project team to follow up with you after the meeting about your comments?

	No.
Yes	11
No	12
Did not answer	10

APPENDIX E - ROUTE ANALYSIS DATA

Bucklin Line

336	101, 102, 104, 110, 114, 119, 123, 126, 128, 130, 133, 136, 140, 142, 143, 144	686	101, 105, 109, 116, 118, 123, 126, 129, 131, 134, 135, 136, 139, 142, 145
337	101, 102, 104, 110, 114, 119, 123, 126, 129, 131, 134, 135, 136, 138, 141, 144	687	101, 105, 109, 116, 118, 123, 126, 129, 131, 134, 135, 136, 140, 142, 145
338	101, 102, 104, 110, 114, 119, 123, 126, 129, 131, 134, 135, 136, 139, 142, 143, 144	688	101, 105, 109, 116, 118, 123, 126, 129, 131, 134, 137, 138, 139, 142, 145
339	101, 102, 104, 110, 114, 119, 123, 126, 129, 131, 134, 135, 136, 140, 142, 143, 144	689	101, 105, 109, 116, 118, 123, 126, 129, 131, 134, 137, 138, 140, 142, 145
340	101, 102, 104, 110, 114, 119, 123, 126, 129, 131, 134, 137, 138, 139, 142, 143, 144	690	101, 105, 109, 116, 118, 123, 126, 129, 131, 134, 137, 141, 143, 145
341	101, 102, 104, 110, 114, 119, 123, 126, 129, 131, 134, 137, 138, 140, 142, 143, 144	691	101, 105, 109, 116, 118, 124, 125, 131, 134, 135, 136, 138, 141, 143, 145
342	101, 102, 104, 110, 114, 119, 123, 126, 129, 131, 134, 137, 141, 144	692	101, 105, 109, 116, 118, 124, 125, 131, 134, 135, 136, 139, 142, 145
343	101, 102, 104, 110, 114, 119, 124, 125, 131, 134, 135, 136, 138, 141, 144	693	101, 105, 109, 116, 118, 124, 125, 131, 134, 135, 136, 140, 142, 145
344	101, 102, 104, 110, 114, 119, 124, 125, 131, 134, 135, 136, 139, 142, 143, 144	694	101, 105, 109, 116, 118, 124, 125, 131, 134, 137, 138, 139, 142, 145
345	101, 102, 104, 110, 114, 119, 124, 125, 131, 134, 135, 136, 140, 142, 143, 144	695	101, 105, 109, 116, 118, 124, 125, 131, 134, 137, 138, 140, 142, 145
346	101, 102, 104, 110, 114, 119, 124, 125, 131, 134, 137, 138, 139, 142, 143, 144	696	101, 105, 109, 116, 118, 124, 125, 131, 134, 137, 141, 143, 145
347	101, 102, 104, 110, 114, 119, 124, 125, 131, 134, 137, 138, 140, 142, 143, 144		
348	101, 102, 104, 110, 114, 119, 124, 125, 131, 134, 137, 141, 144		
349	101, 102, 104, 110, 114, 120, 122, 127, 130, 132, 134, 135, 136, 138, 141, 144		
350	101, 102, 104, 110, 114, 120, 122, 127, 130, 132, 134, 135, 136, 139, 142, 143, 144		

Table E-3: Raw Z-Score Data
Bucklin Project

Route	Length along existing distribution line	Length not along roads	Length not along existing transmission lines	Transmission line crossings	Road crossings	Heavy angles > 30 degrees	Length through 1.1 X the turbine height	Center pivot irrigation system acres in ROW	Total length	Stream crossings (NHD)	Length through Floodways/Floodplains 100yr (FEMA)	Woodland acres in ROW (NLCD)	Lesser prairie-chicken Score	Lesser prairie-chicken CHAT Category 1 (SGP) - acres crossed (Acres)	Lesser prairie-chicken CHAT Category 2 (SGP) - acres crossed (Acres)	Lesser prairie-chicken CHAT Category 3 (SGP) - acres crossed (Acres)	Lesser prairie-chicken CHAT Category 4 (SGP) - acres crossed (Acres)	Lesser prairie-chicken Known Active Leaks (SGP) - acres crossed (Acres)	Lesser prairie-chicken Known Historic Leaks (SGP) - acres crossed (Acres)	Wetland acres in ROW	Cultural sites within 1320ft	Nonirrigated Cropland acres in ROW	Residential proximity score	Residences 0-150 feet	Residences 150-300 feet	Residences 300-500 feet	Length not along parcel boundary	Total
1	0.1476993	-0.167378645	0.327319923	0	-0.657501551	-0.325250378	0	0.75668	-0.281869	-0.194283	-0.835677	-0.717815	-1.276244	-1.5591541	1.5483842	0	0.262488	0	0	-0.814672	-0.752829	0.46718296	0.1954006	0	0.551413	-0.639653	-1.1131667	-6.734126823
2	1.2675092	-0.133407084	0.523821814	0	-0.657501551	1.187946568	0	-0.194066	0.822644	0.656164	-0.493926	-0.717815	0.780534	0.5186449	1.5483842	0	-0.665897	0	0	-0.314671	-0.752829	0.9871023	-0.9620361	0	-0.844163	-0.639653	0.64996902	2.510263728
3	0.1476993	1.714289658	-0.005422898	0	-1.923980553	-0.022610989	0	0.380592	-0.102983	-0.406895	0.037842	-0.717815	-0.099991	-0.2919183	1.5483842	0	-0.663375	0	0	-0.844694	-0.752829	0.88859311	-0.9620361	0	-0.844163	-0.639653	0.24039034	-5.261704759
4	1.0252515	-0.621615745	0.54915202	0	-0.657501551	0.58266779	0	-0.466636	0.844847	1.081387	0.26458	-0.717815	0.784515	0.5186449	1.5483842	0	-0.647579	0	0	0.027832	-0.752829	1.09010367	-0.9620361	0	-0.844163	-0.639653	0.64996902	2.517175937
5	-0.094558	1.226080997	0.019907308	0	-1.923980553	-0.022610989	0	0.108022	-0.08078	0.018329	0.796348	-0.717815	-0.096471	-0.2919183	1.5483842	0	-0.647177	0	0	-0.502192	-0.752829	0.98947833	-0.9620361	0	-0.844163	-0.639653	0.24039034	-4.654210949
6	-0.094558	-0.655587307	-0.721468699	0	-0.657501551	-0.930529157	0	0.48411	-1.201164	0.23094	-0.077171	-0.717815	-1.42199	-1.5591541	1.5483842	0	-0.408132	0	0	-0.472169	-0.752829	-0.56609099	0.1954006	0	0.551413	-0.639653	-1.1131667	-12.14812373
7	1.8726362	-1.184176839	0.881033097	0	0.186817784	0.885307179	0	-1.409019	1.135751	2.56967	0.485281	1.309964	1.743563	1.5269492	1.5483842	0	-1.277809	0	0	0.980835	1.326414	0.79503806	-0.6726769	0	-0.844163	0.0670113	0.64996902	15.29880426
8	0.7528262	0.663519903	0.351788385	0	-1.079661218	0.2800284	0	-0.834362	0.210124	1.506611	1.017049	1.309964	0.862577	0.716386	1.5483842	0	-1.277406	0	0	0.450812	1.326414	0.69441272	-0.6726769	0	-0.844163	0.0670113	0.24039034	8.127418409
9	0.7528262	-1.218148401	-0.389587622	0	0.186817784	-0.627889767	0	-0.458273	-0.91026	1.719223	0.143529	1.309964	-0.462943	-0.5508497	1.5483842	0	-1.038361	0	0	0.480834	1.326414	-0.86115659	0.48475978	0	0.551413	0.0670113	-1.1131667	0.633504798
10	0.5105685	-0.729939739	-0.362576137	0	0.186817784	-0.627889767	0	-0.730843	-0.886584	0.443552	-1.123559	1.309964	-0.459197	-0.5508497	1.5483842	0	-1.021127	0	0	-0.845272	1.326414	-0.50651435	-0.3833178	0	-0.146375	-0.639653	-1.1131667	-5.190563817
11	1.6303785	-0.695968177	-0.166074246	0	0.186817784	0.885307179	0	-1.681589	0.21793	1.293999	-0.781808	1.309964	1.597581	1.5269492	1.5483842	0	-1.949511	0	0	-0.345271	1.326414	0.01340506	-1.5407545	0	-1.541951	-0.639653	0.64996902	4.053826638
12	0.5105685	1.151728565	-0.695318958	0	-1.079661218	-0.325250378	0	-1.106932	-0.707697	0.23094	-0.25004	1.309964	0.717055	0.716386	1.5483842	0	-1.94699	0	0	-0.875295	1.326414	-0.08510419	-1.5407545	0	-1.541951	-0.639653	0.24039034	-3.718143059
13	0.3197076	0.213569397	-0.010517231	0	-0.657501551	-0.325250378	0	0.75668	-0.577994	-0.406895	-1.22721	-0.717815	-1.421454	-1.5591541	0.7044709	0	0.500898	0	0	-0.931643	-0.752829	0.62897645	0.1954006	0	0.551413	-0.639653	-0.5694949	-8.134328495
14	1.4395175	0.247540959	0.18598466	0	-0.657501551	1.187946568	0	-0.194066	0.52652	0.443552	-0.885458	-0.717815	0.635324	0.5186449	0.7044709	0	-0.427486	0	0	-0.431642	-0.752829	1.14889586	-0.9620361	0	-0.844163	-0.639653	1.19364083	1.110062125
15	0.3197076	2.095237701	-0.343260052	0	-1.923980553	-0.022610989	0	0.380592	-0.399107	-0.619507	-0.35369	-0.717815	-0.245201	-0.2919183	0.7044709	0	-0.424965	0	0	-0.961665	-0.752829	1.05038661	-0.9620361	0	-0.844163	-0.639653	0.78406215	-6.661906432
16	1.1972598	-0.240667702	0.211314866	0	-0.657501551	0.58266779	0	-0.466636	0.548723	0.868776	-0.126952	-0.717815	0.639306	0.5186449	0.7044709	0	-0.409168	0	0	-0.089139	-0.752829	1.25189716	-0.9620361	0	-0.844163	-0.639653	1.19364083	1.116974265
17	0.0774499	1.60702904	-0.317929847	0	-1.923980553	-0.022610989	0	0.108022	-0.376904	-0.194283	0.404816	-0.717815	-0.241681	-0.2919183	0.7044709	0	-0.408766	0	0	-0.619163	-0.752829	1.1512179	-0.9620361	0	-0.844163	-0.639653	0.78406215	-6.054412552
18	0.0774499	-0.274639264	-1.059305854	0	-0.657501551	-0.930529157	0	0.48411	-1.497289	0.018329	-0.468704	-0.717815	-1.5672	-1.5591541	0.7044709	0	-0.169721	0	0	-0.589194	-0.752829	-0.40429749	0.1954006	0	0.551413	-0.639653	-0.5694949	-13.548325222
19	2.0446444	-0.803228796	0.543195943	0	0.186817784	0.885307179	0	-1.409019	0.839626	2.357058	0.093748	1.309964	1.598353	1.5269492	0.7044709	0	-1.039398	0	0	0.863864	1.326414	0.95683155	-0.6726769	0	-0.844163	0.0670113	1.19364083	13.89860277
20	0.9248345	1.044467946	0.013951231	0	-1.079661218	0.2800284	0	-0.834362	-0.086001	1.293999	0.625516	1.309964	0.717367	0.716386	0.7044709	0	-1.038996	0	0	0.333841	1.326414	0.85620629	-0.6726769	0	-0.844163	0.0670113	0.78406215	6.727216988
21	0.9248345	-0.837200358	-0.727424776	0	0.186817784	-0.627889767	0	-0.458273	-1.206385	1.506611	-0.248003	1.309964	-0.608153	-0.5508497	0.7044709	0	-0.799951	0	0	0.363864	1.326414	-0.6993631	0.48475978	0	0.551413	0.0670113	-0.5694949	-0.766695794
22	0.6825768	-0.348991696	-0.700413291	0	0.186817784	-0.627889767	0	-0.730843	-1.182708	0.23094	-1.515092	1.309964	-0.604407	-0.5508497	0.7044709	0	-0.782716	0	0	-0.962243	1.326414	-0.34472085	-0.3833178	0	-0.146375	-0.639653	-0.5694949	-6.590765489
23	1.8023868	-0.315020135	-0.5039114	0	0.186817784	0.885307179	0	-1.681589	-0.078195	1.081387	-1.17334	1.309964	1.452371	1.5269492	0.7044709	0	-1.7111	0	0	-0.462242	1.326414	0.17519856	-1.5407545	0	-1.541951	-0.639653	1.19364083	2.653625147
24	0.6825768	1.532676608	-1.033156112	0	-1.079661218	-0.325250378	0	-1.106932	-1.003822	0.018329	-0.641572	1.309964	0.571845	0.716386	0.7044709	0	-1.708579	0	0	-0.992266	1.326414	0.0766893	-1.5407545	0	-1.541951	-0.639653	0.78406215	-5.11834455
25	1.1548354	-0.625099233	0.180476697	0	0.608977451	0.2800284	0	1.032115	-0.410582	0.018329	0.124479	-0.825706	-1.493098	-1.5591541	-0.1298739	0	1.067526	0	0	0.064485	-0.752829	-0.23345355	1.06347814	0	1.2492012	0.0670113	-1.995145	1.97145463
26	2.2746454	-0.591127672	0.376978588	0	0.608977451	1.793225347	0	0.081369	0.693932	0.868776	0.46623	-0.825706	0.56368	0.5186449	-0.1298739	0	0.139141	0	0	0.564485	-0.752829	0.28646587	-0.0939586	0	-0.146375	0.0670113	-0.2320093	11.21584419
27	1.1548354	1.25656907	-0.152266124	0	-0.657501551	0.58266779	0	0.656026	-0.231695	-0.194283	0.997998	-0.825706	-0.316845	-0.2919183	-0.1298739	0	0.141663	0	0	0.034462	-0.752829	0.18795661	-0.0939586	0	-0.146375	0.0670113	-0.641588	3.443875614
28	2.0323877	-1.079336333	0.402308793	0	0.608977451	1.187946568	0	-0.191201	0.716134	1.293999	1.224736	-0.825706	0.567661	0.5186449	-0.1298739	0	0.157459	0	0	0.906988	-0.752829	0.38946717	-0.0939586	0	-0.146375	0.0670113	-0.2320093	11.22275645
29	0.9125778	0.768360409	-0.126935919	0	-0.657501551	0.58266779	0	0.383456	-0.209492	0.23094	1.756504	-0.825706	-0.313325	-0.2919183	-0.1298739	0	0.157861	0	0	0.376965	-0.752829	0.2888419	-0.0939586	0	-0.146375	0.0670113	-0.641588	4.051370708
30	0.9125778	-1.113307895	-0.868311926	0	0.608977451	-0.325250378	0	0.759545	-1.329877	0.443552	0.882985	-0.825706	-1.638845	-1.5591541	-0.1298739	0	0.396907	0	0	0.406989	-0.752829	-1.26672749	1.06347814	0	1.2492012	0.0670113	-1.995145	-3.442541937
31	-0.566453	-0.843489524	0.668621023	0	0.186817784	-0.627889767	0	1.988669	0.017291	-0.619507	0.652271	-0.825706	-1.387118	-1.5591541	0.1925866	0	1.20877	0	0	-0.521804	-0.752829	-0.55116465	0.48475978	0	0.551413	0.0670113	-1.995145	-3.167748092
32	0.5533572	-0.809517962	0.865122915	0	0.186817784	0.885307179	0	1.037923	1.121805	0.23094	0.994023	-0.825706	0.66966	0.5186449	0.1925866	0	0.280386	0	0	-0.021803	-0.752829	-0.03124524	-0.6726769	0	-0.844163	0.0670113	-0.2320093	6.0762642363
33	-0.566453	1.03817878	0.335878203	0	-1.079661218	-0.325250378	0	1.612581	0.196178	-0.832118	1.525791	-0.825706	-0.210865	-0.2919183	0.1925866	0	0.282907	0	0	-0.551827	-0.752829	-0.12975443	-0.6726769	0	-0.844163	0.0670113	-0.641588	-1.69532722
34	0.3110995	-1.297726623	0.89045312	0	0.186																							

64	2.2460196	-1.079336333	-0.197067008	0	1.031137119	0.2800284	0	-0.407181	0.190764	1.293999	1.045294	-0.825706	0.401069	-0.8434381	0	0.157459	0	0	0.83497	-0.752829	-0.28649279	-0.9620361	0	-0.844163	-0.639653	-0.97060134		
65	1.1262097	0.768360409	-0.72631172	0	-0.235341884	-0.325250378	0	0.167476	-0.734863	0.23094	1.577062	-0.825706	-0.479917	-0.2919183	-0.8434381	0	0.157861	0	0.304946	-0.752829	-0.38711806	-0.9620361	0	-0.844163	-0.639653	-0.641588	-2.194326683	
66	1.1262097	-1.113307895	-1.467687727	0	1.031137119	-1.233168546	0	0.543565	-1.855248	0.443552	0.703543	-0.825706	-1.5591541	-0.8434381	0	0.396907	0	0.334969	-0.752829	-0.68617444	-0.954006	0	0.551413	-0.639653	-1.995145	-9.688239493		
67	0.0216804	-0.167378645	0.922343029	0	-0.657501551	0.885307179	0	1.149188	0.239686	0.018329	-0.451572	-0.717815	-1.111963	-1.5591541	2.2520488	0	0.262488	0	0	-0.612515	-0.752829	0.67982909	1.35283733	0	1.2492012	0.7736755	-1.0489033	2.078723693
68	1.1414904	-0.133407084	1.11884492	0	-0.657501551	2.398504125	0	0.198442	1.3442	0.868776	-0.10982	-0.717815	0.944815	0.5186449	2.2520488	0	-0.665897	0	-0.112514	-0.752829	1.1997485	0.1954006	0	-0.146375	0.7736755	0.71423245	11.32311431	
69	0.0216804	1.714289658	0.589600208	0	-1.923980553	1.187946568	0	0.773099	0.418573	-0.194283	0.421948	-0.717815	0.06429	-0.2919183	2.2520488	0	-0.663375	0	-0.642538	-0.752829	1.10123924	0.1954006	0	-0.146375	0.7736755	0.30465377	3.551144677	
70	0.8992327	-0.621615745	1.144175125	0	-0.657501551	1.793225347	0	-0.074128	1.366403	1.293999	0.648686	-0.717815	0.948796	0.5186449	2.2520488	0	-0.647579	0	0.22999	-0.752829	1.30274987	0.1954006	0	-0.146375	0.7736755	0.71423245	11.33002668	
71	-0.220577	1.226080997	0.614930413	0	-1.923980553	1.187946568	0	0.500529	0.440776	0.23094	1.180454	-0.717815	0.06781	-0.2919183	2.2520488	0	-0.647177	0	-0.300034	-0.752829	1.20212453	0.1954006	0	-0.146375	0.7736755	0.30465377	4.158639636	
72	-0.220577	-0.655587307	-0.126445594	0	-0.657501551	0.2800284	0	0.876617	-0.679609	0.443552	0.306934	-0.717815	-1.257709	-1.5591541	2.2520488	0	-0.408132	0	-0.270011	-0.752829	-0.35344478	1.35283733	0	1.2492012	0.7736755	-1.0489033	-3.335272986	
73	1.7466173	-1.184176839	1.476056203	0	0.186817784	2.095864736	0	-1.016512	1.657306	2.782281	0.869386	1.309964	1.907844	1.5269492	2.2520488	0	-1.277809	0	1.182992	1.326414	1.00768419	0.48475978	0	-0.146375	1.4803398	0.71423245	24.11165493	
74	0.6268074	0.663519903	0.946811491	0	-0.179661218	1.490585958	0	-0.441854	0.731679	1.719223	1.401154	1.309964	1.026858	0.716386	2.2520488	0	-1.277406	0	0.652969	1.326414	0.90705893	0.48475978	0	-0.146375	1.4803398	0.30465377	16.940269	
75	0.6268074	-1.218148401	0.205435483	0	-0.186817784	0.58266779	0	-0.065766	-0.388705	1.931834	0.527635	1.309964	-0.298662	-0.5508497	2.2520488	0	-1.038361	0	0.682992	1.326414	-0.64851046	1.64219651	0	1.2492012	1.4803398	-1.0489033	9.44635547	
76	0.3845497	-0.729939739	0.232446969	0	0.186817784	0.58266779	0	-0.338336	-0.365028	0.656164	-0.739454	1.309964	-0.294917	-0.5508497	2.2520488	0	-1.021127	0	-0.643114	1.326414	-0.29386822	0.77411896	0	0.551413	0.7736755	-1.0489033	3.622286699	
77	1.5043596	-0.695968177	0.42894886	0	0.186817784	2.095864736	0	-1.289082	0.739485	1.506611	-0.397702	1.309964	1.761862	1.5269492	2.2520488	0	-1.949511	0	-0.143114	1.326414	0.2260512	-0.3833178	0	-0.844163	0.7736755	0.71423245	12.86667715	
78	0.3845497	1.151728565	-0.100295852	0	-1.079661218	0.885307179	0	-0.714424	-0.186142	0.443552	0.134066	1.309964	0.881336	0.716386	2.2520488	0	-1.94699	0	-0.673138	1.326414	0.12754201	-0.3833178	0	-0.844163	0.7736755	0.30465377	5.094707527	
79	0.1936887	0.213569397	0.584505875	0	-0.657501551	0.885307179	0	1.149188	-0.056438	-0.194283	-0.843104	-0.717815	-1.257173	-1.5591541	1.4081354	0	0.500898	0	-0.729486	-0.752829	0.84162265	1.35283733	0	1.2492012	0.7736755	-0.5052315	0.678522091	
80	1.3134986	0.247540959	0.781007766	0	-0.657501551	2.398504125	0	0.198442	1.048075	0.656164	-0.501353	-0.717815	0.799605	0.5186449	1.4081354	0	-0.427486	0	-0.229485	-0.752829	1.365154199	0.1954006	0	-0.146375	0.7736755	1.25790426	9.922912641	
81	0.1936887	2.095237701	0.251763054	0	-1.923980553	1.187946568	0	0.773099	0.122449	-0.406895	0.030415	-0.717815	-0.08092	-0.2919183	1.4081354	0	-0.424965	0	-0.759508	-0.752829	1.26303281	0.1954006	0	-0.146375	0.7736755	0.84832558	2.150944154	
82	1.0712409	-0.240667702	0.806337971	0	-0.657501551	1.793225347	0	-0.074128	1.070278	1.081387	0.257153	-0.717815	0.803586	0.5186449	1.4081354	0	-0.409168	0	0.113019	-0.752829	1.46454336	0.1954006	0	-0.146375	0.7736755	1.25790426	9.929825007	
83	-0.048569	1.60702904	0.277093259	0	-1.923980553	1.187946568	0	0.500529	0.144651	0.018329	0.788921	-0.717815	-0.0774	-0.2919183	1.4081354	0	-0.408766	0	-0.417005	-0.752829	1.36391803	0.1954006	0	-0.146375	0.7736755	0.84832558	2.758437964	
84	-0.048569	-0.274639264	-0.464282748	0	-0.657501551	0.2800284	0	0.876617	-0.975733	0.23094	-0.084598	-0.717815	-1.402919	-1.5591541	1.4081354	0	-0.169721	0	0.366982	-0.752829	-0.19165129	1.35283733	0	1.2492012	0.7736755	-0.5052315	-4.735474658	
85	1.9186256	-0.803228796	1.138219048	0	0.186817784	2.095864736	0	-1.016512	1.361182	2.56967	0.477854	1.309964	1.762634	1.5269492	1.4081354	0	-1.039398	0	1.066021	1.326414	1.16947775	0.48475978	0	-0.146375	1.4803398	1.25790426	22.71145351	
86	0.7988157	1.044467946	0.608974336	0	-1.079661218	1.490585958	0	-0.441854	0.435555	1.506611	1.009622	1.309964	0.881648	0.716386	1.4081354	0	-1.038996	0	0.535998	1.326414	1.06885242	0.48475978	0	-0.146375	1.4803398	0.84832558	15.5400675	
87	0.7988157	-0.837200358	-0.132401671	0	0.186817784	0.58266779	0	-0.065766	-0.684829	1.719223	0.136102	1.309964	-0.443872	-0.5508497	1.4081354	0	-0.799951	0	0.566022	1.326414	-0.4867169	1.64219651	0	1.2492012	1.4803398	-0.5052315	8.046154963	
88	0.556558	-0.348991696	-0.105390185	0	0.186817784	0.58266779	0	-0.338336	-0.661153	0.443552	-1.130986	1.309964	-0.440126	-0.5508497	1.4081354	0	-0.782716	0	-0.760085	1.326414	-0.13207466	0.77411896	0	0.551413	0.7736755	-0.5052315	2.222085096	
89	1.673679	-0.315020135	0.091111706	0	-0.186817784	2.095864736	0	-1.289082	0.443361	1.293999	-0.789235	1.309964	1.616652	1.5269492	1.4081354	0	-1.7111	0	-0.260085	1.326414	0.38784469	-0.3833178	0	-0.844163	0.7736755	1.25790426	11.46647566	
90	0.556558	1.532676608	-0.438133006	0	-1.079661218	0.885307179	0	-0.714424	-0.482266	0.23094	-0.257467	1.309964	0.736126	0.716386	1.4081354	0	-1.708579	0	-0.790109	1.326414	0.2893355	-0.3833178	0	-0.844163	0.7736755	0.84832558	3.694506036	
91	1.0288166	-0.625099233	0.775499802	0	0.608977451	1.490585958	0	1.424622	0.110974	0.23094	0.508584	-0.825706	-1.328817	-1.5591541	0.5737906	0	1.067526	0	0.266643	-0.752829	-0.02080735	2.2091487	0	1.9469893	1.4803398	-1.9308816	10.78430522	
92	2.1486265	-0.591127672	0.972001693	0	0.608977451	3.003782904	0	0.473876	1.215487	1.081387	0.850336	-0.825706	0.727961	0.5186449	0.5737906	0	0.139141	0	0.766643	-0.752829	0.499112	1.06347814	0	0.551413	1.4803398	-0.1677459	20.02869486	
93	1.0288166	1.25656907	0.442756982	0	-0.657501551	1.793225347	0	1.048534	0.289861	0.018329	1.382104	-0.825706	-0.152564	-0.2919183	0.5737906	0	0.141663	0	0.23662	-0.752829	0.40060281	1.06347814	0	0.551413	1.4803398	-0.5773246	12.2567262	
94	1.9063688	-1.079336333	0.997331899	0	0.608977451	2.398504125	0	0.201306	1.23769	1.506611	1.608842	-0.825706	0.731942	0.5186449	0.5737906	0	0.157459	0	1.109146	-0.752829	0.60211337	1.06347814	0	0.551413	1.4803398	-0.1677459	20.03560703	
95	0.7865589	0.768360409	0.468087187	0	-0.657501551	1.793225347	0	0.775964	0.312063	0.443552	2.14061	-0.825706	-0.149044	-0.2919183	0.5737906	0	0.157861	0	0.579123	-0.752829	0.50148803	1.06347814	0	0.551413	1.4803398	-0.5773246	12.86422122	
96	0.7865589	-1.113307895	-0.27328882	0	0.608977451	0.885307179	0	1.152052	-0.808321	0.656164	1.26709	-0.825706	-1.474564	-1.5591541	0.5737906	0	0.396907	0	0.609146	-0.752829	-1.05408129	2.2091487	0	1.9469893	1.4803398	-1.9308816	5.370308468	
97	-0.692472	-0.843489524	1.263644129	0	0.186817784	1.187946568	0	2.381177	0.538847	-0.406895	1.036377	-0.825706	-1.223739	-1.5591541	0.8923898	0	1.20877	0	-0.319646	-0.752829	-0.34054964	1.64219651	0	1.2492012	1.4803398	-1.9308816	6.243587181	
98	0.4273384	-0.809517962	1.46014602	0	-0.186817784	2.701143515	0	1.430431	1.643361	0.443552	1.378128	-0.825706	0.833004	0.5186449	0.8923898	0	0.280386	0	-0.180355	-0.752829	0.1793697	0.48475978	0	-0.146375	1.4803398	-0.577459	15.42297775	
99	-0.692472	1.03817878	0.930901308	0	-1.079661218	1.490585958	0	2.005088	0.71773																			

140	-0.221608	0.799297666	-1.931612216	0	0.186817784	1.187946568	0	0.771476	0.908706	0.23094	0.959506	-0.825706	1.02790	0.186817784	-2.119007	0	0.755552	0	0	-0.100196	-0.752829	-0.25998101	-0.6726769	0	-0.844163	0.0670113	3.15830688	-0.096258874
141	-1.341418	2.646994408	-2.460856928	0	-0.179661218	-0.022610989	0	1.346133	-0.01692	-0.832118	1.491274	-0.825706	0.147376	0.4391359	-2.119007	0	0.758074	0	0	-0.630219	-0.752829	-0.35849027	-0.6726769	0	-0.844163	0.0670113	3.15830688	-0.096258874
142	-0.463866	0.311089005	-1.90628201	0	0.186817784	0.58266779	0	0.498906	0.930909	0.656164	1.718012	-0.825706	1.031882	1.2496991	-2.119007	0	0.773871	0	0	0.242307	-0.752829	-0.15679791	-0.6726769	0	-0.844163	0.0670113	3.15830688	-0.096258874
143	-1.583675	2.158785747	-2.435526722	0	-0.179661218	-0.022610989	0	1.073563	0.005282	-0.406895	2.24978	-0.825706	0.150896	0.4391359	-2.119007	0	0.774273	0	0	-0.287716	-0.752829	-0.25760498	-0.6726769	0	-0.844163	0.0670113	3.15830688	-0.096258874
144	-1.583675	0.277117443	-3.17690273	0	0.186817784	-0.930529157	0	1.449652	-1.115102	-0.194283	1.376261	-0.825706	-1.174623	-0.8280998	-2.119007	0	1.013318	0	0	-0.257694	-0.752829	-1.81317436	0.48475978	0	0.551413	0.0670113	1.80474983	-7.590172598
145	0.1476993	-0.28991322	0.566281204	0	0.186817784	-0.022610989	0	0.75668	-0.072413	-0.194283	-0.835677	-0.717815	-1.2428	-1.5591541	1.5483842	0	0.416374	0	0	-0.814672	-0.752829	1.06513989	0.1954006	0	0.551413	-0.639653	-0.9359337	-4.599981023
146	1.2675092	-0.323884782	0.43683823	0	-0.657501551	0.58266779	0	-0.194066	0.746401	0.656164	-0.493926	-0.717815	0.768845	0.5186449	1.5483842	0	-0.719682	0	0	-0.314671	-0.752829	1.40143349	-0.9620361	0	-0.844163	-0.639653	0.59171712	0.022771616
147	0.1476993	1.52381196	-0.092406482	0	-1.923980553	-0.627889767	0	0.380592	-0.179226	-0.406895	0.037842	-0.717815	-0.11168	-0.2919183	1.5483842	0	-0.717161	0	0	-0.844694	-0.752829	1.30292431	-0.9620361	0	-0.844163	-0.639653	0.18213844	-7.749196887
148	1.0252515	-0.812093443	0.462168435	0	-0.657501551	-0.022610989	0	-0.466636	0.768603	1.081387	0.26458	-0.717815	0.772826	0.5186449	1.5483842	0	-0.701364	0	0	0.027832	-0.752829	1.50443486	-0.9620361	0	-0.844163	-0.639653	0.59171712	0.029683825
149	-0.094558	1.035603299	-0.067076277	0	-1.923980553	-0.627889767	0	0.108022	-0.157024	0.018329	0.796348	-0.717815	-0.10816	-0.2919183	1.5483842	0	-0.700962	0	0	-0.502192	-0.752829	1.40380953	-0.9620361	0	-0.844163	-0.639653	0.18213844	-7.141703098
150	-0.094558	-0.778121881	-0.482507419	0	0.186817784	-0.627889767	0	0.48411	-0.991707	0.23094	-0.077171	-0.717815	-1.388546	-1.5591541	1.5483842	0	-0.254245	0	0	-0.472169	-0.752829	0.03186599	0.1954006	0	0.551413	-0.639653	-0.9359337	-10.01397793
151	1.8726362	-1.374654537	0.794049513	0	0.186817784	0.2800284	0	-1.409019	1.059507	2.56967	0.485281	1.309964	1.731874	1.5269492	1.5483842	0	-1.331594	0	0	0.980835	1.326414	1.20936926	-0.6726769	0	-0.844163	0.0670113	0.59171712	-12.81131233
152	0.7528262	0.473042205	0.264804801	0	-1.079661218	-0.325250378	0	-0.834362	0.13388	1.506611	1.017049	1.309964	0.850887	0.716386	1.5483842	0	-1.331192	0	0	0.450812	1.326414	1.10874392	-0.6726769	0	-0.844163	0.0670113	0.18213844	5.639926479
153	0.7528262	-1.340682975	-0.150626342	0	1.031137119	-0.325250378	0	-0.458273	-0.700804	1.719223	0.143529	1.309964	-0.429499	-0.5508497	1.5483842	0	-0.884475	0	0	0.480834	1.326414	-0.26319966	0.48475978	0	0.551413	0.0670113	-0.9359337	2.767650396
154	0.5105685	-0.852474313	-0.123614856	0	1.031137119	-0.325250378	0	-0.730843	-0.677127	0.443552	-1.123559	1.309964	-0.425753	-0.5508497	1.5483842	0	-0.86724	0	0	-0.845272	1.326414	0.09144259	-0.3833178	0	-0.146375	-0.639653	-0.9359337	-3.056418183
155	1.6303785	-0.866445875	-0.25305783	0	0.186817784	0.2800284	0	-1.681589	0.141686	1.293999	-0.781808	1.309964	1.585892	1.5269492	1.5483842	0	-2.003296	0	0	-0.345271	1.326414	0.42773619	-1.5407545	0	-1.541951	-0.639653	0.59171712	1.566334622
156	0.5105685	0.961250867	-0.782302542	0	-1.079661218	-0.930529157	0	-1.106932	-0.783941	0.23094	-0.255004	1.309964	0.705366	0.716386	1.5483842	0	-2.000775	0	0	-0.875295	1.326414	0.373227	-1.5407545	0	-1.541951	-0.639653	0.18213844	-6.20563499
157	0.3197076	0.091034823	0.22844405	0	0.186817784	-0.022610989	0	0.75668	-0.368537	-0.406895	-1.22721	-0.717815	-1.388009	-1.5591541	0.7044709	0	0.654785	0	0	-0.931643	-0.752829	1.22693338	0.1954006	0	0.551413	-0.639653	-0.3922619	-6.000182695
158	1.4395175	0.057063261	0.099001076	0	-0.657501551	0.58266779	0	-0.194066	0.450276	0.443552	-0.885458	-0.717815	0.623635	0.5186449	0.7044709	0	-0.481271	0	0	-0.431642	-0.752829	1.56322706	-0.9620361	0	-0.844163	-0.639653	1.13538893	-1.377429987
159	0.3197076	1.904760003	-0.430243636	0	-1.923980553	-0.627889767	0	0.380592	-0.475351	-0.619507	-0.35369	-0.717815	-0.25689	-0.2919183	0.7044709	0	-0.47875	0	0	-0.961665	-0.752829	1.46471708	-0.9620361	0	-0.844163	-0.639653	0.72581025	-9.149398544
160	1.1972598	-0.4311454001	0.124331281	0	-0.657501551	-0.022610989	0	-0.466636	0.472479	0.868776	-0.126952	-0.717815	0.627616	0.5186449	0.7044709	0	-0.462953	0	0	-0.089139	-0.752829	1.66622836	-0.9620361	0	-0.844163	-0.639653	1.13538893	-1.370517884
161	0.0774499	1.416551341	-0.404913431	0	-1.923980553	-0.627889767	0	0.108022	-0.453148	-0.194283	0.404816	-0.717815	-0.25337	-0.2919183	0.7044709	0	-0.462551	0	0	-0.619163	-0.752829	1.56560309	-0.9620361	0	-0.844163	-0.639653	0.72581025	-8.541904701
162	0.0774499	-0.397173839	-0.820344573	0	0.186817784	-0.627889767	0	0.48411	-1.287832	0.018329	-0.468704	-0.717815	-1.533756	-1.5591541	0.7044709	0	-0.015835	0	0	-0.58914	-0.752829	0.19365944	0.1954006	0	0.551413	-0.639653	-0.3922619	-11.4141796
163	2.0446444	-0.993706494	0.456212358	0	0.186817784	0.2800284	0	-1.409019	0.763383	2.357058	0.093748	1.309964	1.586664	1.5269492	0.7044709	0	-1.093183	0	0	0.863864	1.326414	1.37116275	-0.6726769	0	-0.844163	0.0670113	1.13538893	11.41111066
164	0.9248345	-0.853990248	-0.073032354	0	-1.079661218	-0.325250378	0	-0.834362	-0.162244	1.293999	0.625516	1.309964	0.705677	0.716386	0.7044709	0	-1.092778	0	0	0.333841	1.326414	1.27053748	-0.6726769	0	-0.844163	0.0670113	0.72581025	4.39724876
165	0.9248345	-0.959734932	-0.488463496	0	1.031137119	-0.325250378	0	-0.458273	-0.996928	1.506611	-0.248003	1.309964	-0.574709	-0.5508497	0.7044709	0	-0.646065	0	0	0.333864	1.326414	-0.10140617	0.48475978	0	0.551413	0.0670113	-0.3922619	1.367449985
166	0.6825768	-0.471526271	-0.46145201	0	1.031137119	-0.325250378	0	-0.730843	-0.973252	0.23094	-1.515092	1.309964	-0.570963	-0.5508497	0.7044709	0	-0.62883	0	0	-0.962243	1.326414	0.25323608	-0.3833178	0	-0.146375	-0.639653	-0.3922619	-4.456619673
167	1.8023868	-0.505497833	-0.590894984	0	0.186817784	0.2800284	0	-1.681589	-0.154439	1.081387	-1.17334	1.309964	1.440682	1.5269492	0.7044709	0	-1.764886	0	0	-0.462242	1.326414	0.58952975	-1.5407545	0	-1.541951	-0.639653	1.13538893	0.166133035
168	0.6825768	1.342198909	-1.120139696	0	-1.079661218	-0.930529157	0	-1.106932	-1.080065	0.018329	-0.641572	1.309964	0.560156	0.716386	0.7044709	0	-1.762364	0	0	-0.992266	1.326414	0.4910205	-1.5407545	0	-1.541951	-0.639653	0.72581025	-7.605836662
169	1.1548354	-0.747633808	0.419437977	0	1.453296786	0.58266779	0	1.032115	-0.201125	0.018329	0.124479	-0.825706	-1.459654	-1.5591541	-0.1298739	0	1.221412	0	0	0.064485	-0.752829	0.36450339	1.06347814	0	1.2492012	0.0670113	-1.817912	4.105600409
170	2.2746454	-0.78160537	0.289995004	0	0.608977451	1.187946568	0	0.081369	0.617688	0.868776	0.46623	-0.825706	0.551991	0.5186449	-0.1298739	0	0.085356	0	0	0.564485	-0.752829	0.70079706	-0.0939586	0	-0.146375	0.0670113	-0.2902612	8.728352038
171	1.1548354	1.066091372	-0.239249708	0	-0.657501551	-0.022610989	0	0.656026	-0.307939	-0.194283	0.997998	-0.825706	-0.328535	-0.2919183	-0.1298739	0	0.087877	0	0	0.034462	-0.752829	0.60228781	-0.0939586	0	-0.146375	0.0670113	-0.6998399	0.956383501
172	2.0323877	-1.269814031	0.315325209	0	0.608977451	0.58266779	0	-0.191201	0.639891	1.293999	1.224736	-0.825706	0.555972	0.5186449	-0.1298739	0	0.103674	0	0	0.906988	-0.752829	0.80379836	-0.0939586	0	-0.146375	0.0670113	-0.2902612	8.735264333
173	0.9125778	0.577882711	-0.213919503	0	-0.657501551	-0.022610989	0	0.383456	-0.285736	0.23094	1.756504	-0.825706	-0.325014	-0.2919183	-0.1298739	0	0.104076	0	0	0.376965	-0.752829	0.7031731	-0.0939586	0	-0.146375	0.0670113	-0.6998399	1.563878596
174	0.9125778	-1.235842469	-0.629350645	0	1.453296786	-0.022610989	0	0.759545	-1.12042	0.443552	0.882985	-0.825706	-1.6054	-1.5591541	-0.1298739	0	0.550793	0	0	0.								

216	-0.220577	-0.778121881	0.112515687	0	0.186817784	0.58266779	0	0.876617	-0.470152	0.443552	0.306934	-0.717815	-1.22426	0.2520488	0	-0.254245	0	0	-0.270011	-0.752829	0.24451215	1.35283733	0	1.2492012	0.7736755	-0.1127185		
217	1.7466173	-1.374654537	1.389072618	0	0.186817784	1.490585958	0	-1.016512	1.581063	2.782281	0.869386	1.309964	1.896154	1.5269492	2.2520488	0	-1.331594	0	0	1.182992	1.326414	1.42201539	0.48475978	0	-0.146375	1.4803398	0.65598054	21.624163
218	0.6268074	0.473042205	0.859827906	0	-1.079661218	0.859307179	0	-0.441854	0.655436	1.719223	1.401154	1.309964	1.015168	0.716386	2.2520488	0	-1.331192	0	0	0.652969	1.326414	1.32139012	0.48475978	0	-0.146375	1.4803398	0.24640186	14.45277706
219	0.6268074	-1.340682975	0.444396764	0	1.031137119	0.885307179	0	-0.065766	-0.179248	1.931834	0.527635	1.309964	-0.265218	-0.5508497	2.2520488	0	-0.884475	0	0	0.682992	1.326414	-0.05055346	1.64219651	0	1.2492012	1.4803398	-0.8716703	11.58050114
220	0.3845497	-0.852474313	0.47140825	0	1.031137119	0.885307179	0	-0.338336	-0.155572	0.656164	-0.739454	1.309964	-0.261472	-0.5508497	2.2520488	0	-0.86724	0	0	-0.643114	1.326414	0.30408879	0.77411896	0	0.551413	0.7736755	-0.8716703	5.756432403
221	1.5043596	-0.886445875	0.341965276	0	0.186817784	1.490585958	0	-1.289082	0.663242	1.506611	-0.397702	1.309964	1.750172	1.5269492	2.2520488	0	-2.003296	0	0	-0.143114	1.326414	0.64038239	-0.3833178	0	-0.844163	0.7736755	0.65598054	10.37918521
222	0.3845497	0.091250867	-0.187279436	0	-1.079661218	0.2800284	0	-0.714424	-0.262385	0.443552	0.134066	1.309964	0.869647	0.716386	2.2520488	0	-2.000775	0	0	-0.673138	1.326414	0.5418732	-0.3833178	0	-0.844163	0.7736755	0.24640186	2.607215596
223	0.1936887	0.091034823	0.823467155	0	0.186817784	1.187946568	0	1.149188	0.153019	-0.194283	-0.843104	-0.717815	-1.223729	-1.5591541	1.4081354	0	0.654785	0	0	-0.729486	-0.752829	0.5487958	1.35283733	0	1.2492012	0.7736755	-0.3279985	2.81266789
224	1.3134986	0.057063261	0.694024181	0	-0.657501551	1.793225347	0	0.198442	0.971832	0.656164	-0.501353	-0.717815	0.787916	0.5186449	1.4081354	0	-0.481271	0	0	-0.229485	-0.752829	1.77587319	0.1954006	0	-0.146375	0.7736755	1.19965235	7.435420529
225	0.1936887	1.904760003	0.16477947	0	-1.923980553	0.58266779	0	0.773099	0.046205	-0.406895	0.030415	-0.717815	-0.092609	-0.2919183	1.4081354	0	-0.47875	0	0	-0.759508	-0.752829	1.677364	0.1954006	0	-0.146375	0.7736755	0.79007367	-0.336547959
226	1.0712409	-0.431145401	0.719354387	0	-0.657501551	1.187946568	0	-0.074128	0.994034	1.081387	0.257153	-0.717815	0.791897	0.5186449	1.4081354	0	-0.462953	0	0	0.113019	-0.752829	1.87887456	0.1954006	0	-0.146375	0.7736755	1.19965235	7.442332858
227	-0.048569	1.416551341	0.190109675	0	-1.923980553	0.58266779	0	0.500529	0.068408	0.018329	0.788921	-0.717815	0.089089	-0.2919183	1.4081354	0	-0.462551	0	0	-0.417005	-0.752829	1.77824922	0.1954006	0	-0.146375	0.7736755	0.79007367	0.270945815
228	-0.048569	-0.397173839	-0.225321467	0	0.186817784	0.58266779	0	0.876617	-0.766276	0.23094	-0.084598	-0.717815	-1.369475	-1.5591541	1.4081354	0	-0.015835	0	0	-0.386982	-0.752829	0.40630564	1.35283733	0	1.2492012	0.7736755	-0.3279985	-2.61328858
229	1.9186256	-0.993706494	1.051235464	0	0.186817784	1.490585958	0	-1.016512	1.284938	2.56967	0.477854	1.309964	1.750944	1.5269492	1.4081354	0	-1.093183	0	0	1.066021	1.326414	1.58380895	0.48475978	0	-0.146375	1.4803398	1.19965235	20.2239614
230	0.7988157	0.853990248	0.521990752	0	-1.079661218	0.885307179	0	-0.441854	0.359311	1.506611	1.009622	1.309964	0.869958	0.716386	1.4081354	0	-1.092781	0	0	0.535998	1.326414	1.48318361	0.48475978	0	-0.146375	1.4803398	0.79007367	13.05257539
231	0.7988157	-0.95734932	0.10655961	0	1.031137119	0.885307179	0	-0.065766	-0.475372	1.719223	0.136102	1.309964	-0.410428	-0.5508497	1.4081354	0	-0.646065	0	0	0.566022	1.326414	0.11124003	1.64219651	0	1.2492012	1.4803398	-0.3279985	10.18030073
232	0.556558	-0.471526271	0.133571095	0	1.031137119	0.885307179	0	-0.338336	-0.451696	0.443552	-1.130986	1.309964	-0.406682	-0.5508497	1.4081354	0	-0.62883	0	0	-0.760085	1.326414	0.46588228	0.77411896	0	0.551413	0.7736755	-0.3279985	4.356230912
233	1.6763679	-0.505497833	0.004128122	0	0.186817784	1.490585958	0	-1.289082	0.367117	1.293999	-0.789235	1.309964	1.604963	1.5269492	1.4081354	0	-1.764886	0	0	-0.260085	1.326414	0.80217588	-0.3833178	0	-0.844163	0.7736755	1.19965235	8.978983551
234	0.556558	1.342198909	-0.52511659	0	-1.079661218	0.2800284	0	-0.714424	-0.55851	0.23094	-0.257467	1.309964	0.724437	0.716386	1.4081354	0	-1.762364	0	0	-0.790109	1.326414	0.7036667	-0.3833178	0	-0.844163	0.7736755	0.79007367	1.207013924
235	1.0288166	-0.747633808	1.014461089	0	1.453296786	1.793225347	0	1.424622	0.32043	0.23094	0.508584	-0.825706	-1.295373	-1.5591541	0.5737906	0	1.221412	0	0	0.266643	-0.752829	0.57714959	2.22091487	0	1.9469893	1.4803398	-1.7536486	12.91845099
236	2.1486265	-0.78160537	0.885018103	0	0.608977451	2.398540125	0	0.473876	1.139244	1.081387	0.850336	-0.825706	0.716272	0.5186449	0.5737906	0	0.085356	0	0	0.766643	-0.752829	0.91344319	1.62347814	0	0.551413	1.4803398	-0.2259978	17.54120271
237	1.0288166	1.066091372	0.355773397	0	-0.657501551	1.187946568	0	1.048534	0.213617	0.018329	1.382104	-0.825706	-0.164254	-0.2919183	0.5737906	0	0.087877	0	0	0.23662	-0.752829	0.81493401	1.06347814	0	0.551413	1.4803398	-0.6355765	9.769234088
238	1.9063688	-1.269814031	0.910348315	0	0.608977451	1.793225347	0	0.201306	1.161446	1.506611	1.608842	-0.825706	0.720253	0.5186449	0.5737906	0	0.103674	0	0	1.109146	-0.752829	1.01644456	1.06347814	0	0.551413	1.4803398	-0.2259978	17.54811492
239	0.7865589	0.577882711	0.381103603	0	-0.657501551	1.187946568	0	0.775964	0.23582	0.443552	2.14061	-0.825706	-0.160733	-0.2919183	0.5737906	0	0.104076	0	0	0.579123	-0.752829	0.91581923	1.06347814	0	0.551413	1.4803398	-0.6355765	10.37672911
240	0.7865589	-1.235842469	-0.03432754	0	1.453296786	1.187946568	0	1.152052	-0.598864	0.656164	1.26709	-0.825706	-1.441119	-1.5591541	0.5737906	0	0.550793	0	0	0.609146	-0.752829	-0.45612435	2.22091487	0	1.9469893	1.4803398	-1.7536486	7.504454247
241	-0.692472	-0.966024098	1.50260541	0	1.031137119	1.490585958	0	2.381177	0.748304	-0.406895	1.036377	-0.825706	-1.190294	-1.5591541	0.5737906	0	1.362656	0	0	-0.319646	-0.752829	0.25740729	1.64219651	0	1.2492012	1.4803398	-1.7536486	8.37732997
242	0.4273384	-0.99999566	1.373162436	0	0.186817784	2.095864736	0	1.430431	1.567117	0.443552	1.378128	-0.825706	0.82135	0.5186449	0.8923898	0	0.226601	0	0	0.180355	-0.752829	0.5937009	0.48475978	0	-0.146375	1.4803398	-0.2259978	13.00048562
243	-0.692472	0.847701082	0.843917724	0	-1.079661218	0.885307179	0	2.005088	0.64149	-0.619507	1.909896	-0.825706	-0.059175	-0.2919183	0.8923898	0	0.229122	0	0	-0.349669	-0.752829	0.49519171	0.48475978	0	-0.146375	1.4803398	-0.6355765	5.228515897
244	0.1850807	-1.488204322	1.398492641	0	0.186817784	1.490585958	0	1.157861	1.58932	0.868776	2.136634	-0.825706	0.825331	0.5186449	0.8923898	0	0.244919	0	0	0.522857	-0.752829	0.69670227	0.48475978	0	-0.146375	1.4803398	-0.2259978	13.00739671
245	-0.934729	0.359492421	0.869247929	0	-1.079661218	0.885307179	0	1.732518	0.663693	-0.194283	2.668402	-0.825706	-0.055655	-0.2919183	0.8923898	0	0.245321	0	0	-0.007166	-0.752829	0.59607693	0.48475978	0	-0.146375	1.4803398	-0.6355765	5.836010906
246	-0.934729	-1.45423276	0.453816787	0	1.031137119	0.885307179	0	2.108607	-0.170991	0.018329	1.794883	-0.825706	-1.336041	-1.5591541	0.8923898	0	0.692037	0	0	0.022857	-0.752829	-1.75786665	1.64219651	0	1.2492012	1.4803398	-1.7536486	2.963736093
247	-0.163624	0.018120815	0.352505233	0	0.608977451	0.2800284	0	1.597555	0.345115	-0.194283	-0.982843	-0.717815	-0.748078	-0.9166839	0.2338172	0	0.89154	0	0	-0.841967	-0.752829	0.62512148	1.06347814	0	1.2492012	0.0670113	-0.0188935	0.924385288
248	0.9561861	-0.015850746	0.223062259	0	-0.235341884	0.885307179	0	0.646809	1.163928	0.656164	-0.641092	-0.717815	1.263567	1.1611151	0.2338172	0	-0.244515	0	0	-0.341966	-0.752829	0.96141516	-0.0939586	0	-0.146375	0.0670113	1.50875735	5.547137996
249	-0.163624	1.831845996	-0.306182453	0	-1.501820886	-0.325250378	0	1.221466	0.238302	-0.406895	-0.109324	-0.717815	0.383041	0.3505519	0.2338172	0	-0.241994	0	0	-0.87199	-0.752829	0.8629059	-0.0939586	0	-0.146375	0.0670113	1.09917867	-2.22483162
250	0.7139284	-0.504059408	0.248392465	0	-0.235341884	0.2800284	0	0.324429	1.186131	1.081387	-0.117414	-0.717815	1.267548	1.1611151	0.2338172	0	-0.226197	0</										

292	-0.143682	-0.617095587	3.48258275	0	1.453296786	0.885307179	0	0.374995	3.416087	0.656164	-0.47599	-0.717815	0.922488	0.516649	-0.7683948	0	2.476033	0	0	0.913395	-0.752829	3.43146436	-0.6726769	0	-0.146375	-1.346317	0.10547818	10.471693
293	-1.263491	-1.230601155	2.953338038	0	0.186817784	0.2800284	0	0.949653	2.49046	-0.406895	0.055778	-0.717815	0.041502	-0.2919183	-0.7683948	0	2.476435	0	0	0.383372	-0.752829	3.33083902	-0.6726769	0	-0.146375	-1.346317	0.10547818	10.97033112
294	-1.263491	-0.651067149	2.211962031	0	1.453296786	-0.627889767	0	1.325741	1.370076	-0.194283	-0.817742	-0.717815	0.041502	-1.5591541	-0.7683948	0	2.71548	0	0	0.413394	-0.752829	1.3472697	0.48475978	0	1.2492012	-1.346317	-0.7460789	3.476417248
295	0.7037031	-1.179656681	3.814463827	0	2.297616121	1.187946568	0	-0.567388	3.706991	2.144446	-0.25529	1.309964	1.881535	1.5269492	-0.7683948	0	1.845803	0	0	1.866398	1.326414	3.13639875	-0.3833178	0	-0.146375	-0.639653	0.51505686	30.92334542
296	-0.416107	0.668040061	3.285219115	0	1.031137119	0.58266779	0	0.007269	2.781364	1.081387	0.276478	1.309964	1.000549	0.716386	-0.7683948	0	1.846205	0	0	1.336375	1.326414	3.03577341	-0.3833178	0	-0.146375	-0.639653	0.10547818	23.75195958
297	-0.416107	-1.213628243	2.543843108	0	2.297616121	-0.325250378	0	0.383358	1.66098	1.293999	-0.597041	1.309964	-0.324971	-0.5508497	-0.7683948	0	2.08525	0	0	1.366398	1.326414	1.48020409	0.77411896	0	1.2492012	-0.639653	-1.2480789	16.25804687
298	-0.658365	-0.725419581	2.570854594	0	2.297616121	-0.325250378	0	0.110788	1.684656	0.018329	-1.86413	1.309964	-0.321225	-0.5508497	-0.7683948	0	2.102485	0	0	0.040291	1.326414	1.83484634	-0.0939586	0	0.551413	-1.346317	-1.2480789	10.43397717
299	0.4614454	-0.691448019	2.767356485	0	2.297616121	1.187946568	0	-0.839958	2.78917	0.868776	-1.522378	1.309964	1.5269492	1.735553	-0.7683948	0	1.174101	0	0	0.504292	1.326414	2.35476568	-1.2513953	0	-0.844163	-1.346317	0.51505686	19.67336772
300	-0.658365	1.156248723	2.238111773	0	1.031137119	-0.022610989	0	-0.265301	1.863543	-0.194283	-0.99061	1.309964	0.855028	0.716386	-0.7683948	0	1.176622	0	0	0.010269	1.326414	2.2562565	-1.2513953	0	-0.844163	-1.346317	0.10547818	11.90639919
301	-1.436076	-0.162858487	1.037784111	0	-1.079661218	-0.627889767	0	0.967636	0.340874	-0.832118	-1.97682	-0.666069	-1.351206	-1.5591541	0.0587377	0	1.517795	0	0	0.607372	-0.752829	-0.2787621	1.06347814	0	1.9469893	-1.346317	-1.2480789	-6.954347814
302	-0.316266	-0.128886926	1.234286002	0	-1.079661218	0.885307179	0	0.016891	1.445387	0.018329	-1.635069	-0.666069	0.705572	0.5186449	0.0587377	0	0.589411	0	0	1.107373	-0.752829	0.24115731	-0.0939586	0	0.551413	-1.346317	0.51505686	2.290042806
303	-1.436076	1.718809816	0.70504129	0	-2.346140221	-0.325250378	0	0.591548	0.519767	-1.04473	-1.103301	-0.666069	-0.174954	-0.2919183	0.0587377	0	0.591932	0	0	0.577349	-0.752829	1.04264805	-0.0939586	0	0.551413	-1.346317	0.10547818	-5.48192681
304	-0.558524	-0.617095587	1.259616207	0	-1.079661218	0.2800284	0	-0.25568	1.46759	0.443552	-0.876563	-0.666069	0.709553	0.5186449	0.0587377	0	0.607729	0	0	1.449875	-0.752829	0.34415868	-0.0939586	0	0.551413	-1.346317	0.51505686	2.296954092
305	-1.678334	1.230601155	0.730371495	0	-2.346140221	-0.325250378	0	0.318978	0.541963	-0.619507	-0.344795	-0.666069	-0.171433	-0.2919183	0.0587377	0	0.608131	0	0	0.919852	-0.752829	0.24353334	-0.0939586	0	0.551413	-1.346317	0.10547818	-4.874431752
306	-1.678334	-0.651067149	-0.011004512	0	-1.079661218	-1.233168546	0	0.695066	-0.578421	-0.406895	-1.218314	-0.666069	-1.496953	-1.5591541	0.0587377	0	0.847176	0	0	0.949875	-0.752829	-1.31203597	1.06347814	0	1.9469893	-1.346317	-1.2480789	-12.36834449
307	0.2888607	-1.179656681	1.591497284	0	-0.235341884	0.58266779	0	-1.198063	1.758494	1.931834	-0.655862	1.361709	1.6686	1.5269492	0.0587377	0	-0.022501	0	0	2.402879	1.326414	0.049093	0.1954006	0	0.551413	-0.639653	0.51505686	15.07858248
308	-0.830949	0.668040061	1.062252572	0	-1.501820886	-0.022610989	0	-0.623405	0.832867	0.868776	-0.124094	1.361709	0.787614	0.716386	0.0587377	0	-0.022099	0	0	1.872855	1.326414	-0.05153226	0.1954006	0	0.551413	-0.639653	0.10547818	7.907195465
309	-0.830949	-1.213628243	0.320876565	0	-0.235341884	-0.930529157	0	-0.247317	-0.287517	1.081387	-0.997614	1.361709	-0.537905	-0.5508497	0.0587377	0	0.216946	0	0	1.902878	1.326414	-1.60710165	1.35283733	0	1.9469893	-0.639653	-1.2480789	0.413283036
310	-1.073207	-0.725419581	0.347888051	0	-0.235341884	-0.930529157	0	-0.519887	-0.263841	-0.194283	-2.264702	1.361709	-0.53416	-0.5508497	0.0587377	0	0.234181	0	0	0.576772	1.326414	-1.25245941	0.48475978	0	1.2492012	-1.346317	-1.2480789	-5.410785751
311	0.046603	-0.691448019	0.544389942	0	-0.235341884	0.58266779	0	-1.470633	0.840673	0.656164	-1.922951	1.361709	1.522618	1.5269492	0.0587377	0	-0.694203	0	0	1.076772	1.326414	-0.73253999	-0.6726769	0	-0.146375	-1.346317	0.51505686	3.833603624
312	-1.073207	1.156248723	0.01514523	0	-1.501820886	-0.627889767	0	-0.895975	-0.084954	-0.406895	-1.391183	1.361709	0.642093	0.716386	0.0587377	0	-0.691682	0	0	0.546749	1.326414	-0.83104918	-0.6726769	0	-0.146375	-1.346317	0.10547818	-3.938364923
313	-1.572999	-0.162858487	1.034255437	0	-0.235341884	-1.233168546	0	0.680973	0.337781	-1.682565	-1.08959	-0.666069	-1.333519	-1.5591541	0.2108217	0	1.435804	0	0	-0.035456	-0.752829	-0.07536162	1.35283733	0	1.9469893	-0.639653	-1.2480789	-5.32330919
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315	-1.572999	1.718809816	0.701512616	0	-1.501820886	-0.930529157	0	0.304884	0.516668	-1.895177	-0.216071	-0.666069	-0.157266	-0.2919183	0.2108217	0	0.509941	0	0	-0.065478	-0.752829	0.49677238	0.1954006	0	0.551413	-0.639653	0.10547818	-3.850909011
316	-0.695447	-0.617095587	1.256087534	0	-0.235341884	-0.325250378	0	-0.542343	1.464497	-0.406895	0.010667	-0.666069	0.72724	0.5186449	0.2108217	0	0.525738	0	0	0.807408	-0.752829	0.69828234	0.1954006	0	0.551413	-0.639653	0.51505686	3.297971841
317	-1.815257	1.230601155	0.726842822	0	-1.501820886	-0.930529157	0	0.032314	0.53887	-1.469954	0.542335	-0.666069	-0.153746	-0.2919183	0.2108217	0	0.52614	0	0	0.277024	-0.752829	0.597657	0.1954006	0	0.551413	-0.639653	0.10547818	-3.243415029
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319	0.1519378	-1.179656681	1.587968611	0	0.608977451	-0.022610989	0	-1.484727	1.755401	1.081387	0.231368	1.361709	1.686287	1.5269492	0.2108217	0	-0.104492	0	0	1.760051	1.326414	0.40321673	0.48475978	0	0.551413	0.0670113	0.51505686	16.7095994
320	-0.967872	0.668040061	1.058723899	0	-0.657501551	-0.627889767	0	-0.910069	0.829774	0.018329	0.763136	1.361709	0.805301	0.716386	0.2108217	0	-0.10409	0	0	1.230028	1.326414	0.30259139	0.48475978	0	0.551413	0.0670113	0.10547818	9.538213552
321	-0.967872	-1.213628243	0.317347892	0	0.608977451	-1.535807935	0	-0.533981	-0.29061	0.23094	-0.110384	1.361709	-0.520218	-0.5508497	0.2108217	0	0.134955	0	0	1.26005	1.326414	-1.25297793	1.64219651	0	1.9469893	0.0670113	-1.2480789	2.044299775
322	-1.21013	-0.725419581	0.344359377	0	0.608977451	-1.535807935	0	-0.806551	-0.266934	-1.04473	-1.377472	1.361709	-0.516473	-0.5508497	0.2108217	0	0.15219	0	0	-0.066056	1.326414	-0.89833568	0.77411896	0	1.2492012	-0.639653	-1.2480789	-3.79768856
323	-0.09032	-0.691448019	0.540861268	0	0.608977451	-0.022610989	0	-1.757297	0.83758	-0.194283	-1.035721	1.361709	1.540306	1.5269492	0.2108217	0	-0.776194	0	0	0.433945	1.326414	-0.37841634	-0.3833178	0	-0.146375	-0.639653	0.51505686	5.464621711
324	-1.21013	1.156248723	0.011616556	0	-0.657501551	-1.233168546	0	-1.182639	-0.088047	-1.257342	-0.503953	1.361709	0.65978	0.716386	0.2108217	0	-0.773673	0	0	-0.096079	1.326414	-0.47692552	-0.3833178	0	-0.146375	-0.639653	0.10547818	-2.307347916
325	-1.400911	0.218089555	0.696418283	0	-0.235341884	-1.233168546	0	0.680973	0.041656	-1.895177	-1.481123	-0.666069	-1.478729	-1.5591541	-0.6330917	0	1.674215	0	0	-0.152427	-0.752829	0.23715512	1.35283733	0	1.9469893	-0.639653	-0.7044071	-6.723532478
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368	-0.582232	1.048988104	0.121510944	0	-0.235341884	-0.930529157	0	-1.126049	0.008279	-0.194283	0.192161	1.361709	0.49341885	-1.3470379	0	0.134321	0	0	0	1.041038	1.326414	-0.21177124	-0.3833178	0	-0.146375	-0.639653	Exhibit 19-2	206925706	
369	-0.582232	-0.8326802	-0.619865064	0	1.031137119	-1.838447324	0	-0.749961	-1.112106	0.018329	-0.681359	1.361709	-0.83211	-0.5508497	-1.3470379	0	0.373366	0	0	0	1.071061	1.326414	-1.76734062	0.77411896	0	1.2492012	-0.639653	-0.7044071	-4.996986879
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373	-0.352231	-0.620579076	0.288036409	0	1.453296786	-0.930529157	0	0.740427	-0.316303	-1.469954	-0.308877	-0.77396	-1.717055	-1.5591541	-2.1813826	0	2.240842	0	0	0	0.771682	-0.752829	-1.30143107	1.35283733	0	1.9469893	-0.639653	-2.1300572	-2.258835443
374	0.767579	-0.586607514	0.484538301	0	1.453296786	0.58266779	0	-0.210319	0.788211	-0.619507	0.032875	-0.77396	0.339724	0.5186449	-2.1813826	0	1.312458	0	0	0	1.271683	-0.752829	-0.78151166	0.1954006	0	0.551413	-0.639653	-0.3669215	6.98555177
375	-0.352231	1.261089228	-0.044706411	0	0.186817784	-0.627889767	0	0.364339	-0.137416	-1.628565	0.564643	-0.77396	-0.540802	-0.2919183	-2.1813826	0	1.314979	0	0	0	0.741659	-0.752829	-0.88002091	0.1954006	0	0.551413	-0.639653	-0.7765001	-0.786414476
376	0.5253213	-1.074816175	0.509868506	0	1.453296786	-0.022610989	0	-0.482889	0.810414	-0.194283	0.791381	-0.77396	0.343705	0.5186449	-2.1813826	0	1.330776	0	0	0	1.614186	-0.752829	-0.67851035	0.1954006	0	0.551413	-0.639653	-0.3669215	6.992467436
377	-0.594489	0.772880567	-0.019376206	0	0.186817784	-0.627889767	0	0.091769	-0.115213	-1.257342	1.323149	-0.77396	-0.537281	-0.2919183	-2.1813826	0	1.331178	0	0	0	1.084162	-0.752829	-0.77913562	0.1954006	0	0.551413	-0.639653	-0.7765001	-0.178919381
378	-0.594489	-1.108787737	-0.760752213	0	1.453296786	-1.535807935	0	0.467857	-1.235597	-1.04473	0.449629	-0.77396	-1.862801	-1.5591541	-2.1813826	0	1.570223	0	0	0	1.114186	-0.752829	-2.33470501	1.35283733	0	1.9469893	-0.639653	-2.1300572	-7.672832191
379	-1.602753	0.784967859	1.162480004	0	0.608977451	-0.627889767	0	1.258352	0.450173	-0.406895	-1.848241	-0.666069	-1.329656	-1.5591541	0.094749	0	1.578269	0	0	0	2.652378	-0.752829	0.11572555	0.48475978	0	1.2492012	-1.346317	-1.2480789	-0.190488236
380	-0.482943	0.818939421	1.358981895	0	0.608977451	0.885307179	0	0.307606	1.554687	0.443552	-1.50649	-0.666069	0.727122	0.5186449	0.094749	0	0.649885	0	0	0	3.152379	-0.752829	0.63564497	-0.6726769	0	-0.146375	-1.346317	0.51505686	9.0539024
381	-1.602753	2.666636163	0.829737183	0	-0.657501551	-0.325250378	0	0.882264	0.62906	-0.619507	-0.974722	-0.666069	-0.153403	-0.2919183	0.094749	0	0.652406	0	0	0	2.622356	-0.752829	0.53713571	-0.6726769	0	-0.146375	-1.346317	0.10547818	1.281933827
382	-0.725201	0.33073076	1.3843121	0	0.608977451	0.2800284	0	0.035036	1.57689	0.868776	-0.747984	-0.666069	0.731103	0.5186449	0.094749	0	0.668203	0	0	0	3.494882	-0.752829	0.73864634	-0.6726769	0	-0.146375	-1.346317	0.51505686	9.060814749
383	-1.845011	2.178427502	0.855067388	0	-0.657501551	-0.325250378	0	0.609694	0.651263	-0.194283	-0.216216	-0.666069	-0.149883	-0.2919183	0.094749	0	0.668605	0	0	0	2.964859	-0.752829	0.638021	-0.6726769	0	-0.146375	-1.346317	0.10547818	1.889428922
384	-1.845011	0.296759198	0.113691381	0	0.608977451	-1.233168546	0	0.985782	-0.469121	0.018329	-1.089735	-0.666069	-1.475402	-1.5591541	0.094749	0	0.90765	0	0	0	2.994881	-0.752829	-0.91754832	0.48475978	0	1.2492012	-1.346317	-1.2480789	-5.604484915
385	0.1221841	-0.231830334	1.716193178	0	1.453296786	0.58266779	0	-0.907347	1.867794	2.357058	-0.527283	1.361709	1.690151	1.5269492	0.094749	0	0.037973	0	0	0	4.447885	1.326414	0.44358066	-0.3833178	0	-0.146375	-0.639653	0.51505686	21.84244206
386	-0.997626	1.615866408	1.186948466	0	0.186817784	-0.022610989	0	-0.332689	0.942167	1.293999	0.004485	1.361709	0.809165	0.716386	0.094749	0	0.038375	0	0	0	3.917862	1.326414	0.34295539	-0.3833178	0	-0.146375	-0.639653	0.10547818	14.67105628
387	-0.997626	-0.265801896	0.445572458	0	1.453296786	-0.930529157	0	0.043399	-0.178218	1.506611	-0.869035	1.361709	-0.516355	-0.5508497	0.094749	0	0.27742	0	0	0	3.947885	1.326414	-1.1212614	0.77411896	0	1.2492012	-0.639653	-1.2480789	7.177143694
388	-1.239884	0.226406766	0.472583944	0	1.453296786	-0.930529157	0	-0.229171	-0.154541	0.23094	-1.616123	1.361709	-0.512161	-0.5508497	0.094749	0	0.294655	0	0	0	2.621778	1.326414	-0.85797175	-0.0939586	0	0.551413	-1.346317	-1.2480789	1.353073843
389	-0.120074	0.256378328	0.669085835	0	1.453296786	0.58266779	0	-1.179917	0.949973	1.081387	-1.794372	1.361709	1.544169	1.5269492	0.094749	0	-0.63373	0	0	0	3.121779	1.326414	-0.33805234	-1.2513953	0	-0.844163	-1.346317	0.51505686	10.59746446
390	-1.239884	2.10407507	0.139841123	0	0.186817784	-0.627889767	0	-0.60526	0.024346	0.018329	-1.262604	1.361709	0.663643	0.716386	0.094749	0	-0.631208	0	0	0	2.591756	1.326414	-0.43656152	-1.2513953	0	-0.844163	-1.346317	0.10547818	2.825495915
391	-0.686128	-0.162858487	-0.223398339	0	-0.657501551	-0.325250378	0	0.495238	-0.764591	-1.04473	-0.879513	-0.717815	-1.437198	-1.5591541	0.8240135	0	0.300039	0	0	0	-1.434333	-0.752829	-0.41152007	0.48475978	0	0.551413	0.0670113	-1.0975002	-11.7546543
392	0.4336818	-0.128886926	-0.026896448	0	-0.657501551	1.187946568	0	-0.455508	0.339923	-0.194283	-0.537761	-0.717815	0.61958	0.5186449	0.8240135	0	-0.628346	0	0	0	-0.934332	-0.752829	0.10839934	-0.6726769	0	-0.844163	0.0670113	0.66563549	-2.5102263864
393	-0.686128	1.718809816	-0.55614116	0	-1.923980553	-0.022610989	0	0.119149	-0.585704	-1.257342	-0.005993	-0.717815	-0.260945	-0.2919183	0.8240135	0	-0.625824	0	0	0	-0.944356	-0.752829	0.00989009	-0.6726769	0	-0.844163	0.0670113	0.25605681	-10.12822335
394	0.1914241	-0.617095587	-0.001566242	0	-0.657501551	0.58266779	0	-0.728078	0.362126	0.23094	0.220745	-0.717815	0.623561	0.5186449	0.8240135	0	-0.610028	0	0	0	-0.59183	-0.752829	0.21140064	-0.6726769	0	-0.844163	0.0670113	0.66563549	-2.503352685
395	-0.928386	1.230601155	-0.530810954	0	-1.923980553	-0.022610989	0	-0.153421	-0.563501	-0.832118	0.752513	-0.717815	-0.257425	-0.2919183	0.8240135	0	-0.609625	0	0	0	-1.121853	-0.752829	0.11077538	-0.6726769	0	-0.844163	0.0670113	0.25605681	-9.674738422
396	-0.928386	-0.651067149	-1.272186962	0	-0.657501551	-0.930529157	0	0.222668	-1.683885	-0.619507	-0.121007	-0.717815	-1.582944	-1.5591541	0.8240135	0	-0.37058	0	0	0	-1.09183	-0.752829	-1.44479401	0.48475978	0	0.551413	0.0670113	-1.0975002	-17.16865109
397	1.0388087	-1.179656681	0.330314835	0	0.186817784	0.885307179	0	-1.670462	0.65303	1.719223	0.441445	1.309964	1.582609	1.5269492	0.8240135	0	-1.240258	0	0	0	0.361174	1.326414	-0.08366497	-0.3833178	0	-0.844163	0.7736755	0.66563549	10.27827694
398	-0.081001	0.668040061	-0.198929877	0	-1.079661218	0.2800284	0	-1.095804	-0.272597	0.656164	0.973213	1.309964	0.701623	0.716386	0.8240135	0	-1.239855	0	0	0	-0.16885	1.326414	-1.0842903	-0.3833178	0	-0.844163	0.7736755	0.25605681	3.106889968
399	-0.081001	-1.213628243	-0.940305884	0	0.186817784	-0.627889767	0	-0.719716	-1.392982	0.868776	0.099694	1.309964	-0.623897	-0.5508497	0.8240135	0	-1.00081	0	0	0	-0.138827	1.326414	-1.73985962	0.77411896	0	0.551413	0.7736755	-1.0975002	-4.387022744
400	-0.323259	-0.725419581	-0.913294399	0	0.186817784	-0.627889767	0	-0.992286	-1.369305	-0.406895	-1.167395	1.309964	-0.620151	-0.5508497	0.8240135	0	-0.983576	0	0	0	-1.464933	1.326414	-1.38521737	-0.0939586	0	-0.146375	0.0670113	-1.0975002	-10.21109132
401	0.796551	-0.691448019	-0.716792508	0	0.186817784	0.885307179	0	-1.943032	-0.264791	0.443552	-0.825643	1.309964	1.436627	1.5269492	0.8240135	0	-1.91196	0	0	0	-0.964933	1.326414	-0.86529796	-1.2513953	0	-1.541951	0.0670113	0.66563549	-0.966701804
402	-0.323259	1.156248723	-1.24603722	0	-1.079661218																								

444	-0.542746	-0.270119106	-2.209399917	0	-0.235341884	-1.838447324	0	0.006687	-2.505381	-0.832118	-0.691982	-0.717815	-1.89474	0.006687	-0.7334641	0	-0.13217	0	0	-1.28082	-0.752829	-1.9589604	-0.3833178	0	-0.146375	-0.639653	-1.4155011	
445	1.4244489	-0.798708638	-0.60689812	0	0.608977451	-0.022610989	0	-1.886442	-0.168466	1.506611	-0.12953	1.309964	1.270807	1.5269492	-0.7334641	0	-1.001847	0	0	0.172184	1.326414	-0.59783143	-1.2513953	0	-1.541951	0.0670113	1.2093073	2.632377804
446	0.304639	1.048988104	-1.136142832	0	-0.657501551	-0.627889767	0	-1.311784	-1.094093	0.443552	0.402238	1.309964	0.389821	0.716386	-0.7334641	0	-1.001445	0	0	-0.357839	1.326414	-0.59783143	-1.2513953	0	-1.541951	0.0670113	1.2093073	2.632377804
447	0.304639	-0.8326802	-1.87751884	0	0.608977451	-1.535807935	0	-0.935696	-2.214477	0.656164	-0.471281	1.309964	-0.935699	-0.5508497	-0.7334641	0	-0.7624	0	0	-0.327817	1.326414	-2.25402608	-0.0939586	0	-0.146375	0.0670113	-0.5538284	-12.03292186
448	0.0623813	-0.344471539	-1.850507354	0	0.608977451	-1.535807935	0	-1.208266	-2.190801	-0.619507	-1.73837	1.309964	-0.931953	-0.5508497	-0.7334641	0	-0.745165	0	0	-1.653923	1.326414	-1.89938384	-0.9620361	0	-0.844163	-0.639653	-0.5538284	-17.85699044
449	1.1821913	-0.310499977	-1.654005463	0	0.608977451	-0.022610989	0	-2.159012	-1.086287	0.23094	-1.396618	1.309964	1.124825	1.5269492	-0.7334641	0	-1.673549	0	0	-1.153922	1.326414	-1.37946443	-2.1194729	0	-2.239739	-0.639653	1.2093073	-8.612599855
450	0.0623813	1.537196765	-2.183250175	0	-0.657501551	-1.233168546	0	-1.584354	-2.011914	-0.832118	-0.86485	1.309964	0.244299	0.716386	-0.7334641	0	-1.671028	0	0	-1.683946	1.326414	-1.47797361	-2.1194729	0	-2.239739	-0.639653	0.79972862	-16.38456943
451	0.5346399	-0.620759706	-0.969617367	0	1.031137119	-0.627889767	0	1.031137119	-1.418674	-0.832118	-0.098799	-0.825706	-1.820644	-1.5591541	-1.5678088	0	1.105077	0	0	-0.627195	-0.752829	-1.78811653	0.48475978	0	0.551413	0.0670113	-1.9794786	9.294770106
452	1.6544499	-0.586607514	-0.773115475	0	1.031137119	0.885307179	0	-0.396054	-0.31416	0.018329	0.242952	-0.825706	0.236134	0.5186449	-1.5678088	0	0.176692	0	0	-0.127195	-0.752829	-1.26819712	-0.6726769	0	-0.844163	0.0670113	-0.2163428	-0.050380731
453	0.5346399	1.261089228	-1.302360187	0	-0.235341884	-0.325250378	0	0.178604	-1.239787	-1.04473	0.77472	-0.825706	-0.644391	-0.2919183	-1.5678088	0	0.179214	0	0	-0.657218	-0.752829	-1.3667063	-0.6726769	0	-0.844163	0.0670113	-0.6259215	-7.822349234
454	1.4121922	-1.074816175	-0.74778527	0	1.031137119	0.2800284	0	-0.668624	-0.291958	0.443552	1.001458	-0.825706	0.240115	0.5186449	-1.5678088	0	0.19501	0	0	-0.215308	-0.752829	-1.16519575	-0.6726769	0	-0.844163	0.0670113	-0.2163428	-0.043468382
455	0.2923822	0.772880567	-1.277029982	0	-0.235341884	-0.325250378	0	-0.093966	-1.217584	-0.619507	1.533226	-0.825706	-0.640871	-0.2919183	-1.5678088	0	0.195413	0	0	-0.314715	-0.752829	-1.26582108	-0.6726769	0	-0.844163	0.0670113	-0.6259215	-7.214854172
456	0.2923822	-1.108787737	-2.018405989	0	1.031137119	-1.233168546	0	0.282122	-2.337969	-0.406895	0.659707	-0.825706	-1.966391	-1.5591541	-1.5678088	0	0.434458	0	0	-0.284692	-0.752829	-2.8213904	0.48475978	0	0.551413	0.0670113	-1.9794786	-14.70876786
457	-0.812147	-0.162858487	0.371624767	0	-0.657501551	0.885307179	0	0.887745	-0.243035	-0.832118	-0.495407	-0.717815	-1.272917	-1.5591541	1.5276781	0	0.300039	0	0	-1.232175	-0.752829	-0.19887394	1.64219651	0	1.2492012	1.4803398	-1.0332368	-2.941803631
458	0.3076629	-0.128886926	0.568126658	0	-0.657501551	2.398504125	0	-0.063001	0.861479	0.018329	-0.153656	-0.717815	0.783861	0.5186449	1.5276781	0	-0.628346	0	0	-0.732174	-0.752829	0.32104547	0.48475978	0	-0.146375	1.4803398	0.72989892	6.302586808
459	-0.812147	1.718809816	0.038881946	0	-1.923980553	1.187946568	0	0.511657	-0.064148	-1.04473	0.378112	-0.717815	-0.096664	-0.2919183	1.5276781	0	-0.625824	0	0	-1.262198	-0.752829	0.22253629	0.48475978	0	-0.146375	1.4803398	0.32032024	-1.469382759
460	0.0654052	-0.617095587	0.593456863	0	-0.657501551	1.793225347	0	0.035571	0.883681	0.443552	0.60485	-0.717815	0.787842	0.5186449	1.5276781	0	-0.610028	0	0	-0.389672	-0.752829	0.42404684	0.48475978	0	-0.146375	1.4803398	0.72989892	6.3094979
461	-1.054405	1.230601155	0.064212151	0	-1.923980553	1.187946568	0	0.239087	-0.041945	-0.619507	1.136618	-0.717815	-0.093144	-0.2919183	1.5276781	0	-0.609625	0	0	-0.919695	-0.752829	0.32342151	0.48475978	0	-0.146375	1.4803398	0.32032024	-0.861887906
462	-1.054405	-0.651067149	-0.677163856	0	-0.657501551	0.2800284	0	0.615175	-1.16233	-0.406895	0.263099	-0.717815	-1.418663	-1.5591541	1.5276781	0	-0.37058	0	0	-0.889672	-0.752829	-1.23214781	1.64219651	0	1.2492012	1.4803398	-1.0332368	-8.355800465
463	0.9127899	-1.179656681	0.925337941	0	0.186817784	2.095864736	0	-1.277954	1.174585	1.931834	0.825551	1.309964	1.74689	1.5269492	1.5276781	0	-1.240258	0	0	0.563332	1.326414	0.12898324	0.77411896	0	-0.146375	2.1870041	0.72989892	19.09112752
464	-0.20702	0.668040061	0.396093229	0	-1.079661218	1.490585958	0	-1.079661218	0.248958	0.868776	1.357319	1.309964	0.856903	0.716386	1.5276781	0	-1.239855	0	0	0.033308	1.326414	0.02881559	0.77411896	0	-0.146375	2.1870041	-0.32032024	11.91974055
465	-0.20702	-1.213628243	-0.345282779	0	0.186817784	0.58266779	0	-0.327208	-0.871426	1.081387	0.483799	1.309964	-0.459616	-0.5508497	1.5276781	0	-1.00081	0	0	0.063331	1.326414	-1.52721342	1.93155569	0	1.2492012	2.1870041	-1.0332368	4.425827842
466	-0.449278	-0.725419581	-0.318271293	0	0.186817784	0.58266779	0	-0.599778	-0.84775	-0.194283	-0.783289	1.309964	-0.455871	-0.5508497	1.5276781	0	-0.983576	0	0	-1.262775	1.326414	-1.17257117	1.06347814	0	0.551413	1.4803398	-1.0332368	-1.398240736
467	0.6705322	-0.691448019	-0.121769402	0	0.186817784	2.095864736	0	-1.550524	0.256764	0.656164	-0.441538	1.309964	1.609098	1.5269492	1.5276781	0	-1.91196	0	0	-0.762775	1.326414	-0.65265183	-0.0939586	0	-0.844163	1.4803398	0.72989892	7.846148713
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469	-0.640139	0.218089555	0.033787612	0	-0.657501551	0.885307179	0	0.887745	-0.539159	-1.04473	-0.88694	-0.717815	-1.418127	-1.5591541	1.5276781	0	-0.538449	0	0	-1.399146	-0.752829	-0.03780038	1.64219651	0	1.2492012	1.4803398	-0.489565	-4.24005302
470	0.4796712	0.252061117	0.230289504	0	-0.657501551	2.398504125	0	-0.063001	0.565354	-0.194283	-0.545189	-0.717815	0.638651	0.5186449	0.6837647	0	-0.389935	0	0	-0.849145	-0.752829	0.48283897	0.48475978	0	-0.146375	1.4803398	1.27357073	4.902385249
471	-0.640139	2.099757859	-0.298955208	0	-1.923980553	1.187946568	0	0.511657	-0.360272	-1.257342	-0.013421	-0.717815	-0.241874	-0.2919183	0.6837647	0	-0.387414	0	0	-1.379169	-0.752829	0.38432978	0.48475978	0	-0.146375	1.4803398	0.86399205	-2.869584319
472	0.2374135	-0.236147544	0.255619709	0	-0.657501551	1.793225347	0	-0.335571	0.587557	0.23094	0.213317	-0.717815	0.642632	0.5186449	0.6837647	0	-0.371617	0	0	-0.506642	-0.752829	0.58584034	0.48475978	0	-0.146375	1.4803398	1.27357073	4.909297421
473	-0.882396	1.611549198	-0.273625003	0	-1.923980553	1.187946568	0	0.239087	-0.33807	-0.832118	0.745085	-0.717815	-0.238354	-0.2919183	0.6837647	0	-0.371215	0	0	-1.036666	-0.752829	0.48521507	0.48475978	0	-0.146375	1.4803398	0.86399205	-2.62089396
474	-0.882396	-0.270119106	-1.01500101	0	-0.657501551	0.2800284	0	0.615175	-1.458454	-0.619507	-1.028434	-0.717815	-1.563873	-1.5591541	0.6837647	0	-0.13217	0	0	-1.066643	-0.752829	-1.07035432	1.64219651	0	1.2492012	1.4803398	-0.489565	-9.756002206
475	1.0847982	-0.798708638	0.587500786	0	0.186817784	2.095864736	0	-1.277954	0.878461	1.719223	0.434018	1.309964	1.60168	1.5269492	0.6837647	0	-1.001847	0	0	0.446361	1.326414	0.29077473	0.77411896	0	-0.146375	2.1870041	1.27357073	17.69092578
476	-0.035012	1.048988104	0.058256074	0	-1.079661218	1.490585958	0	-0.703297	-0.047166	0.656164	0.965786	1.309964	0.720694	0.716386	0.6837647	0	-1.001445	0	0	-0.083662	1.326414	0.19014939	0.77411896	0	-0.146375	2.1870041	0.86399205	10.51953989
477	-0.035012	-0.8326802	-0.683119933	0	0.186817784	0.58266779	0	-0.327208	-1.16755	0.868776	0.092267	1.309964	-0.604826	-0.5508497	0.6837647	0	-0.7624	0	0	-0.05364	1.326414	-1.36541931	1.93155569	0	1.2492012	2.1870041	-0.489565	3.025626298
478	-0.277269	-0.344471539	-0.656108447	0	-0.657501551	0.58266779	0	-0.599778	-1.143874	-0.406895	-1.174822	1.309964	-0.60108	-0.5508497	0.6837647	0	-0.745165	0	0									

520	-0.695447	-0.807573285	1.169103949	0	-0.235341884	-0.930529157	0	-0.542343	1.388253	-0.406895	0.010667	-0.666069	0.715554	0.2108217	0	0.471953	0	0	0.807048	-0.752829	1.11261353	0.1954006	0	0.551413	-0.639653	0.04722628	-5.730907194
521	-1.815257	1.040123457	0.639859238	0	-1.501820886	-1.535807935	0	0.032314	0.462627	-1.469954	0.542435	-0.666069	-0.165435	-0.2919183	0.2108217	0	0.472355	0	0.277024	-0.752829	1.0119882	0.1954006	0	0.551413	-0.639653	0.04722628	-5.730907194
522	-1.815257	-0.738601723	0.224428095	0	0.608977451	-1.535807935	0	0.408403	-0.372057	-1.257342	-0.331084	-0.666069	-1.445821	-1.5591541	0.2108217	0	0.919071	0	0.370747	-0.752829	-0.3595538	1.35283733	0	1.9469893	-0.639653	-1.0708459	-8.703182007
523	0.1519378	-1.370134379	1.500985027	0	0.608977451	-0.627889767	0	-1.484727	1.679157	1.081387	0.231368	1.361709	1.674598	1.5269492	0.2108217	0	-0.158277	0	1.760051	1.326414	0.81754792	0.48475978	0	0.551413	0.0670113	0.45680495	14.22210729
524	-0.967872	0.477562363	0.971740315	0	-0.657501551	-1.233168546	0	-0.910069	0.75353	0.018329	0.763136	1.361709	0.793612	0.716386	0.2108217	0	-0.157875	0	1.230028	1.326414	0.71692259	0.48475978	0	0.551413	0.0670113	0.04722628	7.05072144
525	-0.967872	-1.336162817	0.556309172	0	1.453296786	-1.233168546	0	-0.533981	-0.081153	0.23094	-0.110384	1.361709	-0.486774	-0.5508497	0.2108217	0	0.288841	0	1.26005	1.326414	-0.65502099	1.64219651	0	1.9469893	0.0670113	-1.0708459	4.178445538
526	-1.21013	-0.847954156	0.583320658	0	1.453296786	-1.233168546	0	-0.806551	-0.054747	-1.04473	-1.377472	1.361709	-0.483028	-0.5508497	0.2108217	0	0.306076	0	-0.066056	1.326414	-0.30037875	0.77411896	0	1.2492012	-0.639653	-1.0708459	-1.645623077
527	-0.09032	-0.881925717	0.453877684	0	0.608977451	-0.627889767	0	-1.757297	0.761336	-0.194283	-1.035721	1.361709	1.528616	1.5269492	0.2108217	0	-0.829979	0	0.433945	1.326414	0.03591486	-0.3833178	0	-0.146375	-0.639653	0.45680495	2.977129599
528	-1.21013	0.965771025	-0.075367028	0	-0.657501551	-1.838447324	0	-1.182639	-0.164291	-1.257342	-0.503953	1.361709	0.648091	0.716386	0.2108217	0	-0.827458	0	-0.096079	1.326414	-0.06259433	-0.3833178	0	-0.146375	-0.639653	0.04722628	-4.794840029
529	-1.400991	0.095554981	0.935379564	0	0.608977451	-0.930529157	0	0.680973	0.251113	-1.895177	-1.481123	-0.666069	-1.445285	-1.5591541	-0.6330917	0	1.828101	0	-0.152427	-0.752829	0.83511205	1.35283733	0	1.9469893	-0.639653	-0.5271741	-4.589386844
530	-0.281181	0.061583419	0.80593659	0	-0.235341884	-0.325250378	0	-0.269773	1.069926	-1.04473	-1.139372	-0.666069	0.56636	0.5186449	-0.6330917	0	0.692045	0	0.347574	-0.752829	1.17140565	0.1954006	0	0.551413	-0.639653	1.00047676	0.033365977
531	-1.400991	1.909280161	0.276691878	0	-1.501820886	-1.535807935	0	0.304884	0.1443	-2.107789	-0.607604	-0.666069	-0.314166	-0.2919183	-0.6330917	0	0.694567	0	-0.182449	-0.752829	1.07289647	0.1954006	0	0.551413	-0.639653	0.59089809	-0.738602683
532	-0.523439	-0.426625243	0.831266795	0	-0.235341884	-0.930529157	0	-0.542343	1.092129	-0.619507	-0.380866	-0.666069	0.570341	0.5186449	-0.6330917	0	0.710364	0	0.690077	-0.752829	1.27440703	0.1954006	0	0.551413	-0.639653	1.00047676	0.040278133
533	-1.643248	1.421071499	0.302022083	0	-1.501820886	-1.535807935	0	0.032314	0.166502	-1.682565	0.150902	-0.666069	-0.310645	-0.2919183	-0.6330917	0	0.710766	0	0.160053	-0.752829	1.17378176	0.1954006	0	0.551413	-0.639653	0.59089809	-7.131108668
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535	0.3239461	-0.989186336	1.163147872	0	0.608977451	-0.627889767	0	-1.484727	1.383033	0.868776	-0.160165	1.361709	1.529388	1.5269492	-0.6330917	0	0.080134	0	1.64308	1.326414	0.97934142	0.48475978	0	0.551413	0.0670113	1.00047676	12.82190555
536	-0.795864	0.858510406	0.633903161	0	-0.657501551	-1.233168546	0	-0.910069	0.457406	-0.194283	0.371603	1.361709	0.648402	0.716386	0.2108217	0	0.080536	0	1.113057	1.326414	0.87871608	0.48475978	0	0.551413	0.0670113	0.59089809	5.650519699
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538	-1.038121	-0.467006113	0.245483504	0	1.453296786	-1.233168546	0	-0.806551	-0.353602	-1.257342	-1.769005	1.361709	-0.628238	-0.5508497	-0.6330917	0	0.544487	0	-0.183027	1.326414	-0.13858525	0.77411896	0	1.2492012	-0.639653	-0.5271741	-3.045824818
539	0.0816884	-0.500977675	0.11604053	0	0.608977451	-0.627889767	0	-1.757297	0.465212	-0.406895	-1.427254	1.361709	1.383406	1.5269492	-0.6330917	0	-0.591569	0	0.316974	1.326414	0.09770842	-0.3833178	0	-0.146375	-0.639653	1.00047676	1.576927927
540	-1.038121	1.346719067	-0.413204829	0	-0.657501551	-0.627889767	0	-1.182639	-0.460415	-1.469954	-0.895486	1.361709	0.502881	0.716386	0.2108217	0	-0.589047	0	-0.21305	1.326414	0.19919916	-0.3833178	0	-0.146375	-0.639653	0.59089809	-6.195041769
541	-0.565863	-0.74311365	1.126373491	0	1.875456454	-0.325250378	0	0.956407	0.418525	-1.469954	-0.129434	-0.77396	-1.516929	-1.5591541	-1.4674364	0	2.394729	0	0.843702	-0.752829	-0.02731795	2.22091487	0	2.6447774	0.0670113	-1.9528242	5.516396313
542	0.553947	-0.777085212	0.996930518	0	1.031137119	0.2800284	0	0.005661	1.237338	-0.619507	0.212317	-0.77396	0.494716	0.5186449	-1.4674364	0	1.258673	0	1.343701	-0.752829	0.30897573	1.06347814	0	1.2492012	0.0670113	-0.4251734	10.13914812
543	-0.565863	1.07061153	0.467685806	0	-0.235341884	-0.930529157	0	0.580319	0.311711	-1.682565	0.744085	-0.77396	-0.38581	-0.2919183	-1.4674364	0	1.261194	0	0.813678	-0.752829	0.21046647	1.06347814	0	1.2492012	0.0670113	-0.834752	2.367179566
544	0.3116894	-1.265293873	1.022260723	0	1.031137119	-0.325250378	0	-0.266909	1.259541	-0.194283	0.970823	-0.77396	0.498697	0.5186449	-1.4674364	0	1.276991	0	1.686205	-0.752829	0.41197703	1.06347814	0	1.2492012	0.0670113	-0.4251734	10.14606042
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549	-2.287151	0.85222124	0.955830132	0	-0.657501551	-1.838447324	0	1.536873	0.739585	-2.320401	1.271878	-0.77396	-0.27983	-0.2919183	-1.1449759	0	1.402439	0	0.227389	-0.752829	-0.10724463	0.48475978	0	0.551413	0.0670113	-0.834752	-2.772023316
550	-1.409599	-1.483684164	1.51040505	0	0.608977451	-1.233168546	0	0.689646	1.687414	-0.832118	1.498616	-0.77396	0.604677	0.5186449	-1.1449759	0	1.418236	0	1.099916	-0.752829	0.09426592	0.48475978	0	0.551413	0.0670113	-0.4251734	5.006857516
551	-2.529409	0.364012578	0.981160338	0	-0.657501551	-1.838447324	0	1.264303	0.761787	-1.895177	2.030384	-0.77396	-0.276309	-0.2919183	-1.1449759	0	1.418638	0	0.569893	-0.752829	-0.00635934	0.48475978	0	0.551413	0.0670113	-0.834752	-2.164528222
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555	-1.359367	1.528332118	0.015153231	0	-0.179661218	-1.233168546	0	0.088904	-0.0849																		

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601	1.0388087	-1.370134379	0.243331251	0	0.186817784	0.2800284	0	-1.670462	0.576786	1.719223	0.441445	1.309964	1.570919	1.5269492	0.8240135	0	-1.294043	0	0	0.361174	1.326414	0.33066623	-0.3833178	0	-0.844163	0.7736755	0.60738359	7.790784787	
602	-0.081001	0.477562363	-0.285913461	0	-1.079661218	-0.325250378	0	-1.095804	-0.348841	0.656164	0.973213	1.309964	0.689933	0.716386	0.8240135	0	-1.293641	0	0	-0.16885	1.326414	0.23004089	-0.3833178	0	-0.844163	0.7736755	0.19780491	0.619397856	
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605	0.796551	-0.881925717	-0.803776092	0	0.186817784	0.2800284	0	-1.943032	-0.341035	0.443552	-0.825643	1.309964	1.424938	1.5269492	0.8240135	0	-1.965745	0	0	-0.964933	1.326414	-0.45096677	-1.2513953	0	-1.541951	0.0670113	0.60738359	-3.454193915	
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614	0.0910071	0.858510406	-0.623750615	0	-1.079661218	-0.325250378	0	-1.095804	-0.644965	0.443552	0.581681	1.309964	0.544723	0.716386	-0.0198999	0	-1.05523	0	0	-0.28582	1.326414	0.39183446	-0.3833178	0	-0.844163	0.7736755	0.74147672	-0.780802554	
615	0.0910071	-0.955214774	-1.0391817758	0	1.031137119	-0.325250378	0	-0.719716	-1.479649	0.656164	-0.291839	1.309964	-0.735663	-0.5508497	-0.0198999	0	-0.608514	0	0	-0.255798	1.326414	-0.98010919	0.77411896	0	0.551413	0.7736755	-0.3765954	-3.653078669	
616	-0.151251	-0.460706113	-1.012170272	0	1.031137119	-0.325250378	0	-0.992286	-1.455973	-0.619507	-1.558927	1.309964	-0.731917	-0.5508497	-0.0198999	0	-0.591279	0	0	-1.581904	1.326414	-0.62546688	-0.0939586	0	-0.146375	0.0670113	-0.3765954	-4.977147215	
617	0.9685593	-0.500977675	-1.141613246	0	0.186817784	0.2800284	0	-1.943032	-0.63716	0.23094	-1.217176	1.309964	1.279728	1.5269492	-0.0198999	0	-1.727334	0	0	-1.081903	1.326414	-0.28917327	-1.2513953	0	-1.541951	0.0670113	1.1510554	-4.854394395	
618	-0.151251	1.346719067	-1.670857958	0	-1.079661218	-0.930529157	0	-1.368374	-1.562786	-0.832118	-0.685408	1.309964	0.399202	0.716386	-0.0198999	0	-1.724813	0	0	-1.611927	1.326414	-0.38768253	-1.2513953	0	-1.541951	0.0670113	0.74147672	-12.62636425	
619	0.321008	-0.74311365	-0.131280285	0	1.453296786	0.58266779	0	0.770672	-0.683846	-0.832118	0.080643	-0.825706	-1.620608	-1.5591541	-0.8542446	0	1.258963	0	0	-0.555176	-0.752829	-0.51419964	1.35283733	0	1.2492012	0.7736755	-1.8022456	-0.914927996	
620	1.4408179	-0.77708512	-0.260723258	0	0.608977451	1.187946568	0	-0.180074	0.134967	0.018329	0.422395	-0.825706	0.391037	0.5186449	-0.8542446	0	0.122907	0	0	-0.055176	-0.752829	-0.17790596	0.1954006	0	-0.146375	0.7736755	-0.2745947	3.707824713	
621	0.321008	1.07061153	-0.789967597	0	-0.657501551	-0.022610989	0	0.394581	-0.79066	-1.04473	0.954163	-0.825706	-0.489489	-0.2919183	-0.8542446	0	0.125428	0	0	-0.585199	-0.752829	-0.27641522	0.1954006	0	-0.146375	0.7736755	-0.6841734	-4.064143859	
622	1.1985602	-1.265293873	-0.235393053	0	0.608977451	0.58266779	0	-0.452644	0.15717	0.443552	1.180901	-0.825706	0.395018	0.5186449	-0.8542446	0	0.141225	0	0	0.287328	-0.752829	-0.07490466	0.1954006	0	-0.146375	0.7736755	-0.2745947	3.714736972	
623	0.0787503	0.582402869	-0.764637765	0	-0.657501551	-0.022610989	0	0.122014	-0.768457	-0.619507	1.712669	-0.825706	-0.485968	-0.2919183	-0.8542446	0	0.141627	0	0	-0.242695	-0.752829	-0.17552993	0.1954006	0	-0.146375	0.7736755	-0.6841734	-3.456648921	
624	0.0787503	-1.231322312	-1.180068907	0	1.453296786	-0.022610989	0	0.498102	-1.603141	-0.406895	0.839149	-0.825706	-1.766354	-1.5591541	-0.8542446	0	0.588344	0	0	-0.212673	-0.752829	-1.54747351	1.35283733	0	1.2492012	0.7736755	-1.8022456	-6.32892483	
625	-1.40028	-0.96150394	0.356864042	0	1.031137119	-0.325250378	0	1.727227	-0.255973	-1.469954	0.608436	-0.825706	-1.514628	-1.5591541	-0.5317841	0	1.400207	0	0	-1.141464	-0.752829	-0.83191068	0.77411896	0	0.551413	0.7736755	-1.8022456	-6.054129749	
626	-0.28047	-0.995475502	0.227421068	0	0.186817784	0.2800284	0	0.776481	0.56284	-0.19507	0.950187	-0.825706	0.497017	0.5186449	-0.5317841	0	0.264152	0	0	-0.641465	-0.752829	-0.49561077	-0.3833178	0	-0.844163	0.7736755	-0.2745947	-1.43137819	
627	-1.40028	0.85222124	-0.301823644	0	-1.079661218	-0.930529157	0	1.351138	-0.362787	-1.682565	1.481955	-0.825706	-0.383509	-0.2919183	-0.5317841	0	0.266673	0	0	-1.171488	-0.752829	-0.59412626	-0.3833178	0	-0.844163	0.7736755	-0.6841734	-9.203346694	
628	-0.522728	-1.483684164	0.252751274	0	0.186817784	-0.325250378	0	0.503911	0.585043	-0.194283	1.708693	-0.825706	0.500998	0.5186449	-0.5317841	0	0.28247	0	0	-0.298961	-0.752829	-0.3926157	-0.3833178	0	-0.844163	0.7736755	-0.2745947	-1.424465841	
629	-1.642538	0.364012578	-0.276493438	0	-1.079661218	-0.930529157	0	1.078568	-0.340584	-1.257342	2.240461	-0.825706	-0.379988	-0.2919183	-0.5317841	0	0.282872	0	0	-0.828984	-0.752829	-0.49324104	-0.3833178	0	-0.844163	0.7736755	-0.6841734	-8.595851787	
630	-1.642538	-1.449712602	-0.69192458	0	1.031137119	-0.930529157	0	1.454657	-1.175268	-1.04473	1.366942	-0.825706	-1.660374	-1.5591541	-0.5317841	0	0.729588	0	0										

672	-0.449278	0.965771025	-0.737997698	0	-1.079661218	0.2800284	0	-0.975867	-0.745106	-0.406895	0.09023	1.309964	0.708699	1.5276781	0	-1.963224	0	0	-1.292798	1.326414	-0.33682982	-0.0939586	0	-0.844163	1.4803398	1.4803398	-0.312332	-2.207859523
673	-0.640139	0.095554981	0.272748893	0	0.186817784	1.187946568	0	0.887745	-0.329703	-1.04473	-0.88694	-0.717815	-1.384683	-1.5591541	0.6837647	0	0.692336	0	0	-1.349146	-0.752829	0.56087656	1.64219651	0	1.2492012	1.4803398	-0.312332	-2.207859523
674	0.4796712	0.061583419	0.143305919	0	-0.657501551	1.793225347	0	-0.063001	0.489111	-0.194283	-0.545189	-0.717815	0.626962	0.5186449	0.6837647	0	-0.44372	0	0	-0.849145	-0.752829	0.89717016	0.48475978	0	-0.146375	1.4803398	1.21531882	2.4148931
675	-0.640139	1.909280161	-0.385938793	0	-1.923980553	0.58266779	0	0.511657	-0.436516	-1.257342	-0.013421	-0.717815	-0.253563	-0.2919183	0.6837647	0	-0.441199	0	0	-1.379169	-0.752829	0.79866098	0.48475978	0	-0.146375	1.4803398	0.80574014	-5.357076468
676	0.2374135	-0.426625243	0.168636125	0	-0.657501551	1.187946568	0	-0.335571	0.511313	0.23094	0.213317	-0.717815	0.630943	0.5186449	0.6837647	0	-0.425402	0	0	-0.506642	-0.752829	1.00017153	0.48475978	0	-0.146375	1.4803398	1.21531882	2.421805309
677	-0.882396	1.421071499	-0.360608587	0	-1.923980553	0.58266779	0	0.239087	-0.414314	-0.832118	0.745085	-0.717815	-0.250043	-0.2919183	0.6837647	0	-0.425	0	0	-1.036666	-0.752829	0.8995462	0.48475978	0	-0.146375	1.4803398	0.80574014	-4.749581577
678	-0.882396	-0.392653681	-0.776039729	0	0.186817784	0.58266779	0	0.615175	-1.248997	-0.619507	-0.128434	-0.717815	-1.530429	-1.5591541	0.6837647	0	0.021716	0	0	-1.006643	-0.752829	-0.47239738	1.64219651	0	1.2492012	1.4803398	-0.312332	-7.621856427
679	1.0847982	-0.989186336	0.500517202	0	0.186817784	1.490585958	0	-1.277954	0.802217	1.719223	0.434018	1.309964	1.58999	1.5269492	0.6837647	0	-1.055632	0	0	0.446361	1.326414	0.70510592	0.77411896	0	-0.146375	2.1870041	1.21531882	15.20343381
680	-0.035012	0.858510406	-0.02872751	0	-1.079661218	0.885307179	0	-0.703297	-0.12341	0.656164	0.965786	1.309964	0.709004	0.716386	0.6837647	0	-1.05523	0	0	-0.083662	1.326414	0.60448059	0.77411896	0	-0.146375	2.1870041	0.80574014	8.032047963
681	-0.035012	-0.955214774	-0.444158652	0	1.031137119	0.885307179	0	-0.327208	-0.958094	0.868776	0.092267	1.309964	-0.571382	-0.5508497	0.6837647	0	-0.608514	0	0	-0.05364	1.326414	-0.76746299	1.93155569	0	1.2492012	2.1870041	-0.312332	5.159771917
682	-0.277269	-0.467006113	-0.417147167	0	1.031137119	0.885307179	0	-0.599778	-0.934417	-0.406895	-1.174822	1.309964	-0.567636	-0.5508497	0.6837647	0	-0.591279	0	0	-1.379746	1.326414	-0.41282075	1.06347814	0	0.551413	1.4803398	-0.312332	-0.664296699
683	0.8425405	-0.500977675	-0.546590141	0	0.186817784	1.490585958	0	-1.550524	-0.115604	0.443552	-0.83307	1.309964	1.444008	1.5269492	0.6837647	0	-1.727334	0	0	-0.879745	1.326414	-0.07652707	-0.0939586	0	-0.844163	1.4803398	1.21531882	3.958456191
684	-0.277269	1.346719067	-1.075834853	0	-1.079661218	0.2800284	0	-0.975867	-1.041231	-0.619507	-0.301302	1.309964	0.563483	0.716386	0.6837647	0	-1.724813	0	0	-1.409769	1.326414	-0.17503633	-0.0939586	0	-0.844163	1.4803398	0.80574014	-3.813513506
685	0.1949891	-0.74311365	0.463742821	0	1.453296786	1.793225347	0	1.16318	-0.162291	-0.619507	0.464749	-0.825706	-1.456327	-1.5591541	-0.1505801	0	1.258963	0	0	-0.353019	-0.752829	-0.30155344	2.51027406	0	1.9469893	2.1870041	-1.7379822	7.897922591
686	1.3147991	-0.777085212	0.334299847	0	0.608977451	2.398504125	0	0.212434	0.656523	0.23094	0.8065	-0.825706	0.555318	0.5186449	-0.1505801	0	0.122907	0	0	0.146982	-0.752829	0.03474017	1.35283733	0	0.551413	2.1870041	-0.2103313	12.52067523
687	0.1949891	1.07061153	-0.194944865	0	-0.657501551	1.187946568	0	0.787091	-0.269104	-0.832118	1.338268	-0.825706	-0.325208	-0.2919183	-0.1505801	0	0.125428	0	0	-0.383041	-0.752829	-0.06376902	1.35283733	0	0.551413	2.1870041	-0.61991	4.748706726
688	1.0725414	-1.265293873	0.359630053	0	0.608977451	1.793225347	0	-0.060136	0.678725	0.656164	1.565006	-0.825706	0.559299	0.5186449	-0.1505801	0	0.141225	0	0	0.489485	-0.752829	0.13774154	1.35283733	0	0.551413	2.1870041	-0.2103313	12.52758756
689	-0.047269	0.582402869	-0.169614659	0	-0.657501551	1.187946568	0	0.514521	-0.246902	-0.406895	2.096774	-0.825706	-0.321687	-0.2919183	-0.1505801	0	0.141627	0	0	-0.040538	-0.752829	0.03711627	1.35283733	0	0.551413	2.1870041	-0.61991	5.356201821
690	-0.047269	-1.231322312	-0.585045802	0	1.453296786	1.187946568	0	0.89061	-1.081585	-0.194283	1.223255	-0.825706	-1.602073	-1.5591541	-0.1505801	0	0.588344	0	0	-0.010515	-0.752829	-1.33482738	2.51027406	0	1.9469893	2.1870041	-1.7379822	2.483925843
691	-1.526299	-0.96150394	0.951887148	0	1.031137119	1.490585958	0	2.119734	0.265583	-1.257342	0.992541	-0.825706	-1.351248	-1.5591541	0.1680191	0	1.400207	0	0	-0.939307	-0.752829	-0.62129573	1.93155569	0	1.2492012	2.1870041	-1.7379822	3.35720548
692	-0.406489	-0.995475502	0.822444174	0	0.186817784	2.095864736	0	1.168988	1.084396	-0.406895	1.334293	-0.825706	0.660396	0.5186449	0.1680191	0	0.264152	0	0	-0.439307	-0.752829	-0.28500206	0.77411896	0	-0.146375	2.1870041	-0.2103313	7.979957093
693	-1.526299	0.85222124	0.293199462	0	-1.079661218	0.885307179	0	1.743646	0.158769	-1.469954	1.866061	-0.825706	-0.220129	-0.2919183	0.1680191	0	0.266673	0	0	-0.96933	-0.752829	-0.38351131	0.77411896	0	-0.146375	2.1870041	-0.61991	0.207988536
694	-0.648747	-1.483684164	0.84777438	0	0.186817784	1.490585958	0	0.896418	1.106598	0.018329	2.092799	-0.825706	0.664377	0.5186449	0.1680191	0	0.28247	0	0	-0.096804	-0.752829	-0.18200076	0.77411896	0	-0.146375	2.1870041	-0.2103313	7.986869388
695	-1.768557	0.364012578	0.318529668	0	-1.079661218	0.885307179	0	1.471076	0.180972	-1.04473	2.624567	-0.825706	-0.216609	-0.2919183	0.1680191	0	0.282872	0	0	-0.626827	-0.752829	-0.28262602	0.77411896	0	-0.146375	2.1870041	-0.61991	0.815483651
696	-1.768557	-1.449712602	-0.096901475	0	1.031137119	0.885307179	0	1.847164	-0.653712	-0.832118	1.751047	-0.825706	-1.496995	-1.5591541	0.1680191	0	0.729588	0	0	-0.596804	-0.752829	-1.65456967	1.93155569	0	1.2492012	2.1870041	-1.7379822	-2.056792347

PUBLIC
Table E-4: Sorted Weighted Z-Score Data
Bucklin Project

Route	Length along existing distribution line	Length not along roads	Length not along existing transmission lines	Transmission line crossings	Road crossings	Heavy angles > 30 degrees	Acres of center pivot irrigation systems crossed	Total length	Stream crossings (NHD)	Length through Floodways/Floodplains 100yr (FEMA)	Woodlands acres in ROW (NLCD)	Lesser prairie-chicken Score	Wetland acres in ROW	Cultural sites within 1320ft	Nonirrigated Cropland acres in ROW	Residential proximity score	Length not along parcel boundary	Total
432	-0.714753913	-5.8596043	-3.743125525	0	-0.23534188	-2.466337092	0.046811869	-6.62777	-1.23901	-0.600898257	-2.153445429	-15.7463001	-3.491547	-1.5056588	-8.48392713	-3.83317767	-8.780001902	-65.43408887
456	0.292382249	-9.9790896	-4.036811978	0	1.031137119	-2.466337092	1.974855716	-7.01391	-0.81379	1.319413904	-2.477118774	-17.6975158	-0.854077	-1.5056588	-11.2855616	4.847597794	-15.8358285	-64.50030877
444	-0.542745629	-2.431072	-4.418799834	0	-0.23534188	-3.676894649	0.046811869	-7.51614	-1.66424	-1.383963669	-2.153445429	-17.0527176	-3.84246	-1.5056588	-7.83584162	-3.83317767	-4.430627424	-62.4763127
436	-0.109626959	-6.5287762	-3.0253404	0	0.608977451	-1.861058313	-8.457861942	-5.68403	-0.81379	-2.693674058	3.929890999	-7.0811636	-4.610856	2.65282739	-8.24562086	-9.62036132	-8.780001902	-60.32046411
636	-0.714753913	-6.9624155	-3.265202964	0	0.608977451	-1.861058313	0.046811869	-5.9994	-1.23901	-0.600898257	-2.153445429	-15.4453017	-3.491547	-1.5056588	-6.0920994	-3.83317767	-7.362138031	-59.87031915
660	0.292382249	-11.081901	-3.558889417	0	1.875456454	-1.861058313	1.974855716	-6.38554	-0.81379	1.319413904	-2.477118774	-17.3965173	-0.854077	-1.5056588	-8.89373387	4.847597794	-14.41796463	-58.9365389
448	0.062381324	-3.1002438	-3.701014709	0	0.608977451	-3.07161587	-8.457861942	-6.5724	-1.23901	-3.476739471	3.929890999	-8.38758091	-4.961769	2.65282739	-7.59753535	-9.62036132	-4.430627424	-57.36268779
648	-0.542745629	-3.5338831	-3.940877273	0	0.608977451	-3.07161587	0.046811869	-6.88777	-1.66424	-1.383963669	-2.153445429	-16.751719	-3.84246	-1.5056588	-5.44401388	-3.83317767	-3.012763555	-56.91254283
640	-0.109626959	-7.6315874	-2.547417839	0	1.453296786	-1.255779535	-8.457861942	-5.05566	-0.81379	-2.693674058	3.929890999	-6.78016507	-4.610856	2.65282739	-5.85379285	-9.62036132	-7.362138031	-54.75669396
42	0.119073527	-5.9002858	-2.641689002	0	-0.23534188	-2.466337092	1.87690965	-5.17961	0.461881	-0.513226964	-2.153445429	-14.297714	-1.632565	-1.5056588	-4.96911531	-6.72676949	-8.905333657	-54.66922357
66	1.126209689	-10.019771	-2.935375454	0	1.031137119	-2.466337092	3.804952406	-5.56574	0.887104	1.407085197	-2.477118774	-16.2489297	1.0049078	-1.5056588	-7.77074978	1.954005972	-15.96116026	-53.73544132
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427	-0.472496223	-1.4657264	-1.64554828	0	-0.23534188	-1.255779535	1.954803035	-3.86988	-2.08946	-2.117910258	-2.153445429	-14.4345813	-4.519057	-1.5056588	-4.35083165	-3.83317767	-8.780001902	-50.7740979
426	-1.642537843	-11.944602	-1.861771722	0	0.186817784	-2.466337092	10.1825979	-4.15417	-2.08946	2.733883631	-2.477118774	-15.2443664	-2.396886	-1.5056588	-9.8525662	7.741189617	-15.8358285	-50.62681907
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435	0.132630731	-10.922654	-3.079363371	0	0.608977451	-1.861058313	-6.549871867	-5.75506	1.737551	-0.159497066	3.929890999	-7.11487475	-0.632538	2.65282739	-9.66418985	-0.93958585	-8.780001902	-46.39681491
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189	0.966458171	-12.066147	-1.500004286	0	1.453296786	-1.255779535	-4.719774086	-3.67852	3.438445	-0.071825774	3.929890999	-5.36529009	1.226447	2.65282739	-3.75755001	-3.83317767	-7.487469789	-30.06817622		
306	-1.678333879	-5.8596043	-0.022009024	0	-1.07966122	-2.466337092	4.865465373	-1.73526	-0.81379	-2.436628293	-1.998208069	-13.4725743	2.8496264	-1.5056588	-5.2481439	10.63478144	-9.984630954	-29.95096939		
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174	0.912577754	-11.122582	-1.258701291	0	1.453296786	-0.045221978	5.316813885	-3.36126	0.887104	1.765969871	-2.477118774	-14.4486023	1.2209658	-1.5056588	-2.67508194	10.63478144	-14.54329639	-29.24601373		
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22	0.682576829	-3.1409253	-1.400826582	0	0.186817784	-1.255779535	-5.115903773	-3.54813	0.461881	-3.030183503	3.929890999	-5.43966592	-2.886729	2.65282739	-1.37888342	-3.83317767	-4.555959182	-27.67216586		
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605	0.796551037	-7.9373315	-1.607552184	0	0.186817784	0.560056801	-13.6012224	-1.02311	0.887104	-1.651286404	3.929890999	12.82443791	-2.894799	2.65282739	-1.80386707	-12.5139531	4.859068689	-16.33636218
41	0.119073527	11.034729	-1.158936987	0	-1.50182089	-0.650500756	-0.755709072	-1.81845	0.036657	1.233812108	-2.153445429	-2.36803675	-1.722631	-1.5056588	1.253162243	-18.3011368	1.923122739	-16.3357722
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40	1.238883457	-5.5945417	-0.100447563	0	-0.23534188	0.560056801	-4.778312285	0.958428	2.162775	0.170276016	-2.153445429	5.56083814	-0.132562	-1.5056588	1.65566331	-18.3011368	5.199752172	-15.29477378
301	-1.436076189	-1.4657264	2.075568221	0	-1.07966122	-1.255779535	6.773455448	1.022621	-1.66424	-3.953640294	-1.998208069	-12.1608556	1.8221163	-1.5056588	-1.11504841	10.63478144	-9.984630954	-15.29097951
313	-1.572999043	-1.4657264	2.068510874	0	-0.23534188	-2.466337092	4.766808714	1.013342	-3.36513	-2.179180898	-1.998208069	-12.0016717	-0.106368	-1.5056588	0.301446493	13.52837326	-9.984630954	-15.20277193
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622	1.198560245	-11.387645	-0.470786106	0	0.608977451	1.165335579	-3.168504739	0.471509	0.887104		2.361801558	-2.477118774	3.555162367	0.8619834	-1.5056588	-0.29961865	1.954005972	-2.196757911		-8.441650229
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76	0.384549686	-6.5694577	0.464893938	0	0.186817784	1.165335579	-2.368352439	-1.09509	1.312328		-1.478907172	3.929890999	-2.65424865	-1.929343	2.65282739	-1.17547287	7.741189617	-8.39122625		-7.824261005
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178	0.311099527	-13.393839	1.606939072	0	0.186817784	-0.650500756	5.357472658	3.203292	1.312328	3.505057903	-2.477118774	5.957568898	0.9620985	-1.5056588	1.944349303	-6.72676949	-2.322089669	-2.728953349
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363	-1.187358826	18.8978207	-0.471400679	0	-1.07966122	-2.466337092	0.622328512	-0.91448	-4.21558	-1.574091912	-1.998208069	-4.22241855	-0.763405	-1.5056588	-0.07036367	-6.72676949	5.193199921	-2.482385403
416	1.440817935	-5.2794676	-0.347479348	0	0.608977451	3.586450694	-1.260514664	0.633632	0.036657	0.844789557	-2.477118774	3.62453528	-0.165527	-1.5056588	-2.36894864	1.954005972	-1.730742672	-2.405591208
374	0.767578983	-5.2794676	0.969076601	0	1.453296786	1.165335579	-1.472231944	2.364633	-1.23901	0.065749569	-2.321881415	3.057512549	3.8150493	-1.5056588	-3.12604663	1.954005972	-2.935371724	-2.267432918
220	0.384549686	-7.6722688	0.942816499	0	1.031137119	1.770614358	-2.368352439	-0.46672	1.312328	-1.478907172	3.929890999	-2.35325012	-1.929343	2.65282739	1.216355146	7.741189617	-6.973362379	-2.260490854
35	-0.808710404	4.94973107	0.722416816	0	-1.07966122	-0.650500756	9.38007587	0.655142	-0.81379	4.568593996	-2.477118774	-1.86610294	-0.627971	-1.5056588	-0.11547682	-6.72676949	-5.132703863	-1.528503346
167	1.802386759	-4.5494805	-1.181789968	0	0.186817784	0.560056801	-11.77112571	-0.46332	2.162775	-2.346680524	3.929890999	12.96613467	-1.386727	2.65282739	2.35811901	-15.407545	9.083111409	-1.40454418
24	0.682576829	13.7940895	-2.066312224	0	-1.07966122	-0.650500756	-7.748522495	-3.01146	0.036657	-1.283144431	3.929890999	5.146608074	-2.976799	2.65282739	0.306757206	-1		

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379	-1.602752815	7.06471073	2.324960008	0	0.608977451	-1.255779535	8.80846694	1.35052	-0.81379	-3.696482527	-1.998208069	-11.9669034	7.9571343	-1.5056588	0.462902219	4.847597794	-9.984630954	0.601063973	0.601063973
673	-0.640138734	0.85999483	0.545497787	0	0.186817784	2.375893136	6.214215848	-0.98911	-2.08946	-1.773880078	-2.153445429	-12.4621434	-4.047439	-1.5056588	2.243506232	16.42196508	-2.498656145	0.687961146	0.687961146
23	1.802386759	-2.8351812	-1.0078228	0	0.186817784	1.770614358	-11.77112571	-0.23458	2.162775	-2.346680524	3.929890999	13.07133758	-1.386727	2.65282739	0.700794228	-15.407545	9.549126648	0.836904375	0.836904375
124	0.371253675	-0.368619	-1.828378524	0	0.608977451	-0.650500756	0.770217991	-2.29554	0.461881	-3.324515987	3.929890999	-0.98717098	-2.968613	2.65282739	-3.13895704	4.847597794	2.780362667	0.860711989	0.860711989
669	-0.207020063	-12.025465	-0.212642996	0	1.031137119	1.770614358	-2.290459054	-1.98591	2.162775	0.967598525	3.929890999	-3.83554741	0.1899928	2.65282739	-3.71702594	19.31555691	-6.848030623	0.898293853	0.898293853
176	0.553357217	-8.9999609	1.556278661	0	0.186817784	0.560056801	7.265462733	3.136684	0.461881	1.988045902	-2.477118774	5.921739047	-0.065408	-1.5056588	1.532343818	-6.72676949	-2.322089669	1.065660224	1.065660224
33	-0.566452714	9.34360902	0.671756405	0	-1.07966122	-0.650500756	11.28806595	0.588534	-1.66424	3.051581995	-2.477118774	-1.89778755	-1.655481	-1.5056588	-0.51901771	-6.72676949	-5.132703863	1.068159265	1.068159265
173	0.912577754	5.2009444	-0.427839006	0	-0.65750155	-0.045221978	2.684195163	-0.85721	0.461881	3.513008944	-2.477118774	-2.92512638	1.1308963	-1.5056588	2.812692384	-0.93958585	-5.598719102	1.28221584	1.28221584
264	-0.233873279	-0.8022582	-2.068241088	0	0.608977451	-0.650500756	9.274892894	-2.61091	0.036657	-1.231740186	-2.153445429	-9.35130909	-1.849303	-1.5056588	-0.98543558	10.63478144	4.198226538	1.310858042	1.310858042
5	-0.094558408	11.034729	0.039814615	0	-1.92398055	-0.045221978	0.756151315	-0.24234	0.036657	1.592696783	-2.153445429	-0.86823584	-1.506576	-1.5056588	3.957913334	-9.62036132	1.923122739	1.380706669	1.380706669
515	0.046603005	-7.9373315	0.914812715	0	-0.23534188	-0.045221978	-10.29443146	2.293287	1.312328	-3.845901114	4.085125529	13.5983628	3.2303164	2.65282739	-1.2728352	-6.72676949	3.654439636	1.430269899	1.430269899
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187	2.086268101	-12.371891	0.389347423	0	0.608977451	-0.045221978	-11.37499602	1.602408	5.139339	0.611677206	3.929890999	14.08706058	2.7264465	2.65282739	2.132725654	-15.407545	4.733736933	1.5010519	1.5010519
527	-0.090319849	-7.9373315	0.907755368	0	0.608977451	-1.255779535	-12.3010782	2.284008	-0.38857	-2.071441717	4.085125529	13.75754665	1.3018354	2.65282739	0.143659427	-3.83317767	3.654439636	1.518480435	1.518480435
324	-1.21012978	10.4062385	0.023233113	0	-0.65750155	-2.466337092	-8.278474985	-0.26414	-2.51468	-1.007905625	4.085125529	5.938020049	-0.288237	2.65282739	-1.9077021	-3.83317767	0.843825443	1.520979477	1.520979477
67	0.021680423	-1.5064078	1.844686058	0	-0.65750155	1.770614358	8.044312538	0.719059	0.036657	-0.903143373	-2.153445429	-10.0076664	-1.837544	-1.5056588	2.719316351	13.52837326	-8.39122625	1.722105202	1.722105202
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232	0.556557969	-4.2437364	0.267142191	0	1.031137119	1.770614358	-2.368352439	-1.35509	0.887104	-2.261972585	3.929890999	-3.66013949	-2.280256	2.65282739	1.863529119	7.741189617	-2.623987903	1.906459423	1.906459423
298	-0.65836453	-6.5287762	5.141709187	0	2.297616121	-0.650500756	0.775514143	5.053968	0.036657	-3.728259566	3.929890999	-2.89102543	0.1208727	2.65282739	7.339385365	-0.93958585	-9.984630954	1.967298244	1.967298244
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172	2.032387684	-11.428326	0.630650418	0	0.608977451	1.165335579	-1.338408049	1.919672	2.587998	2.449472851	-2.477118774	5.003748502	2.7209653	-1.5056588	3.215193451	-0.93958585	-2.322089669	2.323214257	2.323214257
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4	1.025251523	-5.5945417	1.098304039	0	-0.65750155	1.165335579	-3.266451897	2.534541	2.162775	0.52916069	-2.153445429	7.060639047	0.083496	-1.5056588	4.360414678	-9.62036132	5.199752172	2.421708603	2.421708603
44	0.966458171	5.97167913	-0.495174832	0	-0.65750155	-0.045221978	-7.3523939	-0.94574	3.013222	1.675213299	3.929890999	6.263388744	1.1363774	2.65282739	0.072899806	-15.407545	1.923122739	2.701501091	2.701501091
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43	2.086268101	-10.657592	0.563314592	0	0.608977451	1.165335579	-11.37499602	1.831139	5.139339	0.611677206	3.929890999	14.19226363	2.7264465	2.65282739	0.475400872	-15.407545	5.199752172	3.742500599	3.742500599
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146	1.267509213	-2.914963	0.87367646	0	-0.65750155	1.165335579	-1.35846073	2.239202	1.312328	-0.987851312	-2.153445429	6.919606145	-0.944014	-1.5056588	5.605733974	-9.62036132	4.733736933	3.97487133	3.97487133
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583	-1.602752815	5.96189956	2.802882569	0	1.453296786	-0.650500756	8.80846694	1.978891	-0.81379	-3.696482527	-1.998208069	-11.6659049	7.9571343	-1.5056588	2.854729953	4.847597794	-8.566767083	6.164833846	
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335	0.081688434	-2.7944998	0.406048228	0	0.608977451	-0.045221978	-12.3010782	1.624366	-0.81379	-2.85450713	4.085125529	12.55586019	0.9509224	2.65282739	-0.8664911	-3.83317767	8.469829354	7.926879546	
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26	2.274645375	-5.320149	0.753957176	0	0.608977451	3.586450694	0.569582025	2.081795	1.737551	0.932460849	-2.477118774	5.073121415	1.6934552	-1.5056588	1.145863462	-0.93958585	-1.85607443	8.359273277	
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127	0.84351229	-2.8535868	-0.066598548	0	1.031137119	1.165335579	13.11092682	0.020838	0.036657	-0.045374614	-2.477118774	-8.98538715	0.111569	-1.5056588	-2.69388781	19.31555691	-8.624838411	8.383081983	
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594	-1.239883551	17.2223763	0.105715078	0	0.186817784	-2.466337092	-4.236816759	-0.15569	0.036657	-2.525207254	4.085125529	5.867585413	7.7752686	2.65282739	-0.08892131	-12.5139531	0.377810203	15.08337035
530	-0.28118083	0.55425077	1.61187318	0	-0.23534188	-0.650500756	-1.88841322	3.209779	-2.08946	-2.278743331	-1.998208069	5.097239527	1.0427218	-1.5056588	4.685622617	1.954005972	8.003814114	15.23179975
327	-1.40099076	18.8978207	0.727350924	0	-1.50182089	-1.861058313	2.1341889	0.66163	-4.21558	-1.215207238	-1.998208069	-2.72228707	-0.547347	-1.5056588	2.634261091	1.954005972	5.193199921	15.23430094
338	0.553947049	-5.2794676	2.167828204	0	1.031137119	1.770614358	0.039629536	3.940746	-1.23901	0.424634243	-2.321881415	4.557644022	4.0311041	-1.5056588	-0.42142187	10.63478144	-2.935371724	15.44925128
692	-0.406489083	-8.9592795	1.644888348	0	0.186817784	4.191729472	8.182917377	3.253187	-0.81379	2.668585528	-2.477118774	5.943567208	-1.317921	-1.5056588	-1.14000823	7.741189617	-1.682650503	15.50996711
489	-1.526299013	9.38429044	0.760366093	0	-1.07966122	2.981171915	12.20552059	0.705038	-2.93991	3.73212162	-2.477118774	-1.87595925	-2.90799	-1.5056588	-3.19137003	7.741189617	-4.493264697	15.51246925
688	1.072541385	-11.387645	0.719260106	0	0.608977451	3.586450694	-0.420953405	2.036176	1.312328	3.130012476	-2.477118774	5.033690275	1.4684563	-1.5056588	0.550966151	13.52837326	-1.682650503	15.57320518
460	0.065405223	-5.5538603	1.186913727	0	-0.65750155	3.586450694	-2.348997252	2.651044	0.887104	1.209700315	-2.153445429	7.09058082	-1.169016	-1.5056588	1.696187379	4.847597794	5.839191338	15.67169629
231	0.798815659	-8.6376144	0.21311922	0	1.031137119	1.770614358	-0.460361273	-1.42612	3.438445	0.272204406	3.929890999	-3.69385064	1.6980649	2.65282739	0.444960133	16.42196508	-2.623987903	15.83011295
297	-0.41610684	-10.922654	5.087686216	0	2.297616121	-0.650500756	2.683504218	4.982939	2.587998	-1.194082574	3.929890999	-2.92473658	4.099194	2.65282739	5.920816379	7.741189617	-9.984630954	15.89095068
259	0.008384411	3.59161972	0.029336158	0	0.608977451	0.560056801	11.18288297	0.146972	-0.81379	-2.748752188	-2.153445429	-8.03959035	-2.876813	-1.5056588	3.147660184	10.63478144	4.198226538	15.9708482
255	0.441503082	-9.2938405	-0.728804625	0	1.453296786	-0.045221978	2.67820											

221	1.504359616	-7.9780129	0.683930552	0	0.186817784	2.981171915	-9.023574374	1.989725	3.0635181	PUBLIC -0.795404193	3.929890999	15.75155181	-0.429341	2.65282739	2.561529562	-3.83317767	5.2437230147	28.44336053
78	0.384549686	10.3655571	-0.200591704	0	-1.07966122	1.770614358	-5.000971161	-0.55842	0.887104	0.2681319	3.929890999	7.93202535	-2.019413	2.65282739	0.510168036	-3.83317767	2.437230147	18.44585972
473	-0.882396424	14.5039428	-0.547250006	0	-1.92398055	2.375893136	1.67360596	-1.01421	-1.66424	1.490170995	-2.153445429	-2.14518343	-3.109998	-1.5056588	1.940860286	4.847597794	6.911936381	18.79764815
283	-1.341417771	5.78512377	-3.778305653	0	1.031137119	-0.045221978	12.05555282	0.040949	-1.23901	1.235509052	-2.477118774	-8.95889382	-1.800592	-1.5056588	-0.72777396	4.847597794	15.85586248	18.97773592
675	-0.640138734	17.1835214	-0.771877585	0	-1.92398055	1.165335579	3.581597126	-1.30955	-2.51468	-0.026841006	-2.153445429	-2.28207081	-4.137508	-1.5056588	3.194643904	4.847597794	6.445921141	19.15286317
151	1.872636166	-12.371891	1.588099025	0	0.186817784	0.560056801	-9.863135633	3.178521	5.139339	0.97056188	3.929890999	15.58686163	2.9425045	2.65282739	4.837477022	-6.72676949	4.733736933	19.21753443
686	1.314799075	-6.9937669	0.668599695	0	0.608977451	4.797008251	1.48703667	1.969568	0.461881	1.613000474	-2.477118774	4.997860281	0.4409462	-1.5056588	0.138960666	13.52837326	-1.682650503	19.36781537
483	0.194989145	11.3498031	-0.215922561	0	-0.65750155	3.586450694	5.509639882	-0.57858	-1.66424	2.676536568	-2.477118774	-2.82166632	-1.149123	-1.5056588	-1.91240086	13.52837326	-4.493264697	19.37031765
458	0.307662913	-1.1599823	1.136253316	0	-0.65750155	4.797008251	-0.441006086	2.584436	0.036657	-0.307311686	-2.153445429	7.054750826	-2.196523	-1.5056588	1.284181894	4.847597794	5.839191338	19.46631081
389	-0.120073621	2.30740495	1.33817167	0	1.453296786	1.165335579	-8.259419972	2.849918	2.162775	-3.588743347	4.085125529	13.89751783	9.3653376	2.65282739	-1.35220935	-12.5139531	4.120454876	19.56376517
472	0.237413506	-2.1253279	0.511239418	0	-0.65750155	3.586450694	-2.348997252	1.762671	0.461881	0.426634903	-2.153445429	5.783691451	-1.519926	-1.5056588	2.343361353	4.847597794	10.18856581	19.83864981
267	0.613511365	-5.8653081	-1.404478933	0	1.453296786	-0.045221978	2.678209158	-1.7382	3.013222	-0.790338996	3.929890999	-0.7198836	1.0097054	2.65282739	-2.16569802	13.52837326	4.198226538	20.34813243
234	0.556557969	12.0797902	-1.050233181	0	-1.07966122	0.560056801	-5.000971161	-1.67553	0.461881	-0.514933512	3.929890999	6.519933075	-2.370326	2.65282739	2.814666791	-3.83317767	6.320589383	20.37136144
8	0.752826236	5.97167913	0.70357677	0	-1.07966122	0.560056801	-5.840532421	0.630372	3.013222	2.034097973	3.929890999	7.763189651	1.3524355	2.65282739	2.777650897	-6.72676949	1.923122739	20.41798429
77	1.504359616	-6.2637136	0.85789772	0	0.186817784	4.191729472	-9.023574374	2.218456	3.013222	-0.795404193	3.929890999	15.85675486	-0.429341	2.65282739	0.904204781	-3.83317767	5.71385958	20.68480923
258	0.199245392	11.4235641	-1.992157025	0	-0.65750155	-1.255779535	-1.862400731	-1.09924	0.461881	-0.794411502	3.929890999	10.80078948	-2.707769	2.65282739	-0.44316561	-6.72676949	8.793429348	20.72243361
674	0.479671196	0.55425077	0.286611839	0	-0.65750155	3.586450694	-0.441006086	1.467332	-0.38857	-1.090377099	-2.153445429	5.64265855	-2.547436	-1.5056588	3.588680649	4.847597794	9.722550575	21.39181253
471	-0.640138734	18.8978207	-0.597910417	0	-1.92398055	2.375893136	3.581597126	-1.08082	-2.51468	-0.026841006	-2.153445429	-2.17686791	-4.137508	-1.5056588	1.537319123	4.847597794	6.911936381	21.39431172
245	-0.934729264	3.23543179	1.738495859	0	-1.07966122	1.770614358	12.1276272	1.991078	-0.38857	5.336804915	-2.477118774	-0.50089155	-0.021498	-1.5056588	2.384307735	4.847597794	-5.084611692	21.43922243
501	-0.41610684	-12.025465	5.565608778	0	3.141935456	-0.045221978	2.683504218	5.61131	2.587998	-1.194082574	3.929890999	-2.62373805	4.099194	2.65282739	8.312644113	7.741189617	-8.566767083	21.45472055
7	1.872636166	-10.657592	1.762066194	0	0.186817784	1.770614358	-9.863135633	3.407252	5.139339	0.97056188	3.929890999	15.69206454	2.9425045	2.65282739	3.180152241	-6.72676949	5.199752172	21.45898299
482	1.314799075	-5.2794676	0.842566863	0	0.608977451	6.007565808	1.48703667	2.198299	0.461881	1.613000474	-2.477118774	5.103063188	0.4409462	-1.5056588	-1.51836384	13.52837326	-1.216635264	21.6092642
587	-1.845010505	17.8915482	1.536167609	0	-0.65750155	-1.861058313	4.267858143	1.725058	-0.38857	-0.432431453	-1.998208069	-1.45414772	8.8945781	-1.5056588	4.209408788	-6.72676949	0.377810203	22.03307677
164	0.924834519	7.68591223	-0.146064707	0	-1.07966122	-0.650500756	-5.840532421	-0.48673	2.587998	1.25103256	3.929890999	6.351097375	1.0015225	2.65282739	5.082149929	-6.72676949	5.806481975	22.34348629
244	0.185080667	-13.393839	2.796985283	0	0.186817784	2.981171915	8.105023992	4.767959	1.737551	4.273268822	-2.477118774	7.427983337	1.5685713	-1.5056588	2.786809079	4.847597794	-1.807982259	22.48022113
233	1.6763679	-4.5494805	0.008256243	0	0.186817784	2.981171915	-9.023574374	1.101351	2.587998	-1.578469605	3.929890999	14.44466258	-0.780254	2.65282739	3.208703536	-3.83317767	9.597218817	22.61031096
90	0.556557969	13.7940895	-0.876266012	0	-1.07966122	1.770614358	-5.000971161	-1.4468	0.461881	-0.514933512	3.929890999	6.625135982	-2.370326	2.65282739	1.15734201	-3.83317767	6.786604625	22.61281
257	1.319055322	-5.2057066	-0.933667601	0	0.608977451	1.165335579	-5.885002851	1.677641	2.587998	-1.857947595	3.929890999	18.72551884	-1.1177	2.65282739	-0.04912859	-6.72676949	12.07005878	22.9613811
114	0.199245392	13.1378634	-1.818189857	0	-0.65750155	-0.045221978	-1.862400731	-0.87051	0.461881	-0.794411502	3.929890999	10.90599239	-2.707769	2.65282739	-2.10049039	-6.72676949	9.259444588	22.96388216
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163	2.04464445	-8.9433584	0.912424717	0	0.186817784	0.560056801	-9.863135633	2.290148	4.714116	0.187496468	3.929890999	14.27997226	2.5915916	2.65282739	5.484650996	-6.72676949	9.083111409	23.38448471
470	0.479671196	2.26855005	0.460579008	0	-0.65750155	4.797008251	-0.441006086	1.696063	-0.38857	-1.090377099	-2.153445429	5.747861457	-2.547436	-1.5056588	1.931355867	4.847597794	10.18856581	23.63326109
101	-0.934729264	4.94973107	1.912463027	0	-1.07966122	2.981171915	12.1276272	2.219809	-0.38857	5.336804915	-2.477118774	-0.3956885	-0.021498	-1.5056588	0.726982954	4.847597794	-4.618596453	23.68067113
243	-0.692471574	7.62930974	1.687835448	0	-1.07966122	1.770614358	14.03561728	1.92447	-1.23901	3.819792913	-2.477118774	-0.53257602	-1.049008	-1.5056588	1.98076685	4.847597794	-5.084611692	24.03588519
214	0.899232663	-7.308841	2.114383082	0	-0.65750155	2.375893136	-0.518899471	3.870477	2.587998	1.297371608	-2.153445429	8.433964048	0.6899688	-1.5056588	6.868323986	1.954005972	5.247844341	24.19511628
383	-1.845010505	19.6058475	1.710134777	0	-0.65750155	-0.650500756	4.267858143	1.953789	-0.38857	-0.432431453	-1.998208069	-1.34894482	8.8945781	-1.5056588	2.552084006	-6.72676949	0.843825443	24.27452533
20	0.924834519	9.40021151	0.027902461	0	-1.07966122	0.560056801	-5.840532421	-0.258	2.587998	1.25103256	3.929890999	6.456300282	1.0015225	2.65282739	3.424825148	-6.72676949	6.272497215	24.58493485
585	-1.602752815	22.2854262	1.485507198	0	-0.65750155	-1.861058313	6.175848218	1.65845	-1.23901	-1.949443455	-1.998208069	-1.48583234	7.867068	-1.5056588	3.805867624	-6.72676949	0.377810203	24.6297391
100	0.185080667	-11.67954	2.970952451	0	0.186817784	4.191729472	8.105023992	4.99669	1.737551	4.273268822	-2.477118774	7.533186244	1.5685713	-1.5056588	1.129484298	4.847597794	-1.341967019	24.72166968
89	1.6763679	-2.8351812	0.182223411	0	0.186817784	4.191729472	-9.023574374	1.330083	2.587998	-1.578469605	3.929890999	14.54986549	-0.780254	2.65282739	1.551378755	-3.83317767	10.06323406	24.85175951
270	0.371253675	14.8520965	-2.667831334	0	-0.65750155	-1.255779535	-1.862400731	-1.98761	0.036657	-1.577476915	3.929890999	9.49390011	-3.058682	2.65282739	0.20400864	-6.72676949	13.14280382	24.88938416
512	-0.830949235	4.29806127	1.950537976	0	-1.50182089	-1.255779535	-4.363838177	2.26987	1.737551	-0.24818803	4.085125529	6.983325497	5.6185654	2.65282739	1.451195723	1.954005972	0.377810203	25.17830037
113	1.319055322	-3.4914073	-0.759700433	0	0.608977451	2.375893136	-5.885002851	1.906373	2.587998	-1.857947595	3.929890999	18.83072175	-1.1177	2.65282739	-1.70645337	-6.72676949	12.53607402	25.20282966
524	-0.967872089	4.29806127	1.94348063	0	-0.657501													

381	-1.602752815	23.9997255	1.659474366	0	-0.65750155	-0.650500756	6.175848218	1.887181	-1.39613961	PUBLIC	-1.949443455	-1.998208069	-1.38062943	7.867068	-1.5056588	2.148542843	-6.72676949	0.8458118766	Exhibit JP-2	26.87118766
280	-0.000223628	-10.621533	1.17938713	0	0.608977451	1.165335579	11.24359551	4.455875	1.312328		3.21072542	-2.477118774	10.40195037	0.880215	-1.5056588	0.176150928	1.954005972	5.014232179		26.99824493
269	1.491063605	-1.7771742	-1.60934191	0	0.608977451	1.165335579	-5.885002851	0.789268	2.162775		-2.641013007	3.929890999	17.41862947	-1.46861	2.65282739	0.598045385	-6.72676949	16.41943326		27.12833462
126	0.371253675	16.5663958	-2.493864165	0	-0.65750155	-0.045221978	-1.862400731	-1.75888	0.036657		-1.577476915	3.929890999	9.599103018	-3.058682	2.65282739	-1.45331614	-6.72676949	13.60881906		27.13083271
227	-0.048568984	12.7489621	0.38021935	0	-1.92398055	1.165335579	3.503702649	0.205223	0.036657		1.577842288	-2.153445429	-0.80180021	-1.251016	-1.5056588	7.112996893	1.954005972	6.320589383		27.3210638
308	-0.830949235	6.01236055	2.124505145	0	-1.50182089	-0.045221978	-4.363838177	2.498601	1.737551		-0.24818803	4.085125529	7.088528404	5.6185654	2.65282739	-0.20612906	1.954005972	0.843825443		27.41974893
320	-0.967872089	6.01236055	2.117447798	0	-0.65750155	-1.255779535	-6.37048491	2.489322	0.036657		1.526271367	4.085125529	7.247712258	3.6900844	2.65282739	1.210365566	4.847597794	0.843825443		27.50795946
95	0.786558894	6.91524368	0.936174374	0	-0.65750155	3.586450694	5.431746497	0.93619	0.887104		4.281219861	-2.477118774	-1.34139557	1.7373691	-1.5056588	2.005952129	10.63478144	-4.618596453		27.53851953
251	-0.405881562	12.092736	-0.561704495	0	-1.50182089	-0.650500756	6.642274172	0.781513	0.036657		1.298364299	-2.153445429	3.479056197	-1.58846	-1.5056588	3.855164768	-0.93958585	8.793429348		27.67213734
237	1.028816584	9.59482235	0.711546795	0	-0.65750155	2.375893136	7.339736572	0.64085	0.036657		2.764207861	-2.477118774	-1.47828309	0.709859	-1.5056588	3.259736025	10.63478144	-5.084611692		27.89373359
212	1.141490353	-2.914963	2.063722671	0	-0.65750155	3.586450694	1.389090604	3.803868	1.737551		-0.219640393	-2.153445429	8.398134053	-0.337541	-1.5056588	6.456318778	1.954005972	5.247844341		27.98972674
69	0.021680423	15.4286069	1.179200416	0	-1.92398055	2.375893136	5.411693816	1.255719	-0.38857		0.843895699	-2.153445429	0.578607597	-1.927614	-1.5056588	4.404956975	1.954005972	2.437230147		27.99222565
137	-1.120033558	7.72203739	0.294864875	0	-0.65750155	1.165335579	15.26619763	1.907726	-0.81379		4.274261512	-2.477118774	2.578278394	-0.709854	-1.5056588	-1.8836752	1.954005972	2.203617985		28.1986937
503	0.4614454	-7.9373315	5.360745801	0	2.297616121	1.165335579	-5.879707791	8.138778	1.737551		-3.044756586	3.929890999	15.51477503	1.6208754	2.65282739	11.07638752	-12.5139531	3.654439636		28.2349195
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226	1.071240946	-3.8803086	1.438708774	0	-0.65750155	2.375893136	-0.518899471	2.982103	2.162775		0.514306195	-2.153445429	7.127074679	0.3390559	-1.5056588	7.515498237	1.954005972	9.597218817		28.36206683
307	0.288860695	-10.61691	3.182994569	0	-0.23534188	1.165335579	-8.386440297	5.275482	3.863669		-1.311724123	4.085125529	15.01740329	7.2086377	2.65282739	0.196372009	1.954005972	4.120454876		28.46075167
98	0.427338357	-7.2856617	2.92029204	0	0.186817784	5.402287029	10.01301516	4.930082	0.887104		2.75625682	-2.477118774	7.497356393	0.5410645	-1.5056588	0.717478813	4.847597794	-1.341967019		28.51628434
319	0.151937841	-10.61691	3.175937222	0	0.608977451	-0.045221978	-10.39308812	5.266203	2.162775		0.462735274	4.085125529	15.17658714	5.2801535	2.65282739	1.61286691	4.847597794	4.120454876		28.54895816
279	-0.877775868	10.4016161	0.070237295	0	-0.65750155	-0.045221978	17.1741888	1.612387	-1.66424		2.757249511	-2.477118774	2.441391015	-1.737364	-1.5056588	-0.6298913	1.954005972	1.737602746		28.55390899
94	1.906368825	-9.714027	1.994663798	0	0.608977451	4.797008251	1.409143285	3.71307	3.013222		3.217683769	-2.477118774	6.587479317	3.3274382	-1.5056588	2.408453473	10.63478144	-1.341967019		28.57951822
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136	-0.000223628	-8.9072333	1.353354299	0	0.608977451	2.375893136	11.24359551	4.684607	1.312328		3.21072542	-2.477118774	10.50715328	0.880215	-1.5056588	-1.48117385	1.954005972	5.480247419		29.23969349
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225	0.193688706	17.14284	0.329558939	0	-1.92398055	1.165335579	5.411693816	0.138615	-0.81379		0.060830287	-2.153445429	-0.83348468	-2.278523	-1.5056588	6.709456007	1.954005972	6.320589383		29.91773089
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589	0.122184069	-3.8007723	3.258419187	0	1.453296786	-0.045221978	-6.351428805	5.37465	4.714116	-1.054566356	4.085125529	15.10615251	13.343656	2.65282739	3.431647417	-3.83317767	3.654439636	42.1113466
218	0.626807376	4.25737985	1.719655813	0	-1.07966122	1.770614358	-3.092981087	1.966307	3.438445	2.802308891	3.929890999	9.136514652	1.9589084	2.65282739	5.285560482	4.847597794	1.971214908	42.19139115
217	1.746617307	-12.371891	2.778145237	0	0.186817784	2.981171915	-7.115583207	4.743188	5.564563	1.738772798	3.929890999	17.06538954	3.5489774	2.65282739	5.688061548	4.847597794	5.247844341	43.23239066
386	-0.997625861	14.5427977	2.373896931	0	0.186817784	-0.045221978	-2.328825593	2.8265	2.587998	0.008969737	4.085125529	7.282480529	11.753587	2.65282739	1.371821569	-3.83317767	0.843825443	43.31179674
385	0.122184069	-2.086473	3.432386355	0	1.453296786	1.165335579	-6.351428805	5.603381	4.714116	-1.054566356	4.085125529	15.21135542	13.343656	2.65282739	1.774322635	-3.83317767	4.120454876	44.35279515
74	0.626807376	5.97167913	1.893622981	0	-1.07966122	2.981171915	-3.092981087	2.195038	3.438445	2.802308891	3.929890999	9.241717559	1.9589084	2.65282739	3.628235701	4.847597794	2.437230147	44.4328397
73	1.746617307	-10.657592	2.952112405	0	0.186817784	4.191729472	-7.115583207	4.971919	5.564563	1.738772798	3.929890999	17.17059245	3.5489774	2.65282739	4.030736767	4.847597794	5.71385958	45.47383921
230	0.798815659	7.68591223	1.043981504	0	-1.07966122	1.770614358	-3.092981087	1.077934	3.013222	2.019243479	3.929890999	7.829625283	1.6079954	2.65282739	5.932734456	4.847597794	6.320589383	46.35834143
254	0.441503082	7.02968616	0.10205766	0	-0.65750155	-0.045221978	0.045590436	1.654224	3.013222	1.739765489	3.929890999	12.11048169	1.270552	2.65282739	2.674902331	1.954005972	8.793429348	46.70941496
229	1.91862559	-8.9433584	2.102470928	0	0.186817784	2.981171915	-7.115583207	3.854815	5.139339	0.955707385	3.929890999	15.75850017	3.1980644	2.65282739	6.3352358	4.847597794	9.597218817	47.39934121
253	1.561313012	-9.5995845	1.160547084	0	0.608977451	1.165335579	-3.977012777	4.431105	5.139339	0.676229397	3.929890999	20.03935643	2.8606211	2.65282739	3.077403397	1.954005972	12.07005878	47.75041323
86	0.798815659	9.40021151	1.217948673	0	-1.07966122	2.981171915	-3.092981087	1.306665	3.013222	2.019243479	3.929890999	7.93482819	1.6079954	2.65282739	4.275409674	4.847597794	6.786604625	48.59978998
110	0.441503082	8.74398545	0.276024828	0	-0.65750155	1.165335579	0.045590436	1.882955	3.013222	1.739765489	3.929890999	12.21568459	1.270552	2.65282739	1.01757755	1.954005972	9.259444588	48.95086351
85	1.91862559	-7.2290592																

Meade Line

Table E-6: Route Data

Meade Project

PUBLIC

Route	Segments	Length along existing distribution line	Length not along roads	Length not along existing transmission lines	Transmission line crossings	Road crossings	Heavy angles > 30 degrees	Length not along railroads	Length through 1.1 X the turbine height	Center pivot irrigation systems acres in ROW	Total length	Stream crossings (NHD)	Length through Floodplains 100yr (FEMA)	Woodland acres in ROW (NLCD)	Lesser prairie-chicken Score	Lesser prairie-chicken CHAT Habitat Category 1 (SGP) - acres crossed (Acres)	Lesser prairie-chicken CHAT Habitat Category 2 (SGP) - acres crossed (Acres)	Lesser prairie-chicken CHAT Habitat Category 3 (SGP) - acres crossed (Acres)	Lesser prairie-chicken CHAT Habitat Category 4 (SGP) - acres crossed (Acres)	Lesser prairie-chicken Active Lakes (SGP) - acres crossed (Acres)	Lesser prairie-chicken Historic Lakes (SGP) - acres crossed (Acres)	Wetland acres in ROW	Cultural sites within 130ft	Nonirrigated Cropland acres in ROW	Residential proximity score	Residences 0-150 feet	Residences 150-300 feet	Residences 300-500 feet	Public facilities within 300ft	Businesses within 300ft	Length not along parcel boundary	
1	200, 201, 205, 207, 208, 209, 211, 214, 258, 260, 270, 269, 268, 272, 274, 275	38,266.66	32,004.99	235,918.23	3	44	18	262,127.09	753.88	61.69	262,127.09	63.00	8,430.19	3.29	281.06	0.00	0.00	0.00	0.00	562.13	0.00	11.58	4.00	422.17	19.00	0.00	7.00	5.00	5.00	1.00	14,625.09	
2	200, 201, 205, 207, 208, 209, 211, 214, 258, 260, 270, 269, 268, 272, 274, 275	43,398.01	37,195.75	235,891.73	3	44	18	262,100.59	753.88	62.28	262,100.59	60.00	8,164.83	3.29	281.02	0.00	0.00	0.00	0.00	562.03	0.00	11.00	3.00	421.32	19.00	0.00	7.00	5.00	5.00	1.00	14,625.09	
3	200, 201, 205, 207, 208, 209, 211, 214, 258, 260, 270, 271, 272, 273, 275	46,728.49	33,228.95	241,475.85	3	44	22	262,548.43	753.88	58.51	262,548.43	61.00	8,864.78	3.29	281.74	0.00	0.00	0.00	0.00	652.48	0.00	10.94	1.00	468.77	19.00	0.00	8.00	6.00	1.00	2.00	14,625.09	
4	200, 201, 205, 207, 208, 209, 211, 214, 258, 260, 270, 271, 272, 274, 275	41,597.14	28,038.19	231,182.77	3	44	18	252,255.34	753.88	57.92	252,255.34	64.00	9,112.15	3.29	264.07	0.00	0.00	0.00	0.00	528.15	0.00	11.51	2.00	424.93	19.00	0.00	8.00	6.00	1.00	2.00	14,625.09	
5	200, 201, 205, 207, 208, 209, 212, 213, 214, 258, 260, 270, 269, 268, 272, 274, 275	27,765.21	32,004.99	241,591.67	3	44	16	262,114.65	753.88	61.92	262,114.65	65.00	8,430.19	3.29	321.99	0.00	0.00	0.00	18.79	625.18	0.00	11.86	4.00	438.33	22.00	0.00	8.00	6.00	1.00	2.00	14,625.09	
6	200, 201, 205, 207, 208, 209, 212, 213, 214, 258, 260, 270, 269, 268, 273, 275	32,896.55	37,195.75	241,565.17	3	44	16	262,088.15	753.88	62.28	262,088.15	62.00	8,164.83	3.29	321.94	0.00	0.00	0.00	18.79	625.09	0.00	11.28	3.00	437.52	22.00	0.00	8.00	6.00	1.00	2.00	14,625.09	
7	200, 201, 205, 207, 208, 209, 212, 213, 214, 258, 260, 270, 271, 272, 273, 275	36,227.04	33,228.95	247,149.29	3	44	20	262,535.99	753.88	58.51	262,535.99	63.00	8,864.78	3.29	322.66	0.00	0.00	0.00	11.22	626.53	0.00	11.22	1.00	464.97	22.00	0.00	8.00	6.00	1.00	2.00	14,625.09	
8	200, 201, 205, 207, 208, 209, 212, 213, 214, 258, 260, 270, 271, 272, 274, 275	31,095.69	28,038.19	236,856.20	3	44	16	252,242.90	753.88	57.92	252,242.90	66.00	9,112.15	3.29	305.00	0.00	0.00	0.00	18.79	591.20	0.00	11.79	2.00	441.13	22.00	0.00	8.00	6.00	1.00	2.00	14,625.09	
9	200, 201, 205, 207, 208, 209, 212, 215, 254, 255, 256, 262, 263, 265, 270, 269, 268, 272, 274, 275	31,407.62	44,351.59	241,591.67	4	44	16	252,494.62	753.88	54.70	252,494.62	51.00	8,430.19	3.29	344.25	0.00	0.00	0.00	59.38	629.12	0.00	7.10	4.00	421.56	18.00	0.00	7.00	5.00	2.00	1.00	2.00	14,625.09
10	200, 201, 205, 207, 208, 209, 212, 215, 254, 255, 256, 262, 263, 265, 270, 269, 268, 273, 275	36,538.97	49,542.36	219,598.54	4	44	20	252,468.13	753.88	55.30	252,468.13	48.00	2,262.06	0.00	349.20	0.00	0.00	0.00	59.38	629.03	0.00	6.53	3.00	420.76	18.00	0.00	7.00	4.00	1.00	2.00	14,625.09	
11	200, 201, 205, 207, 208, 209, 212, 215, 254, 255, 256, 262, 263, 265, 270, 271, 272, 273, 275	39,869.45	45,575.56	241,591.67	4	44	20	252,915.96	753.88	55.30	252,915.96	49.00	2,262.06	0.00	344.93	0.00	0.00	0.00	59.38	630.47	0.00	6.46	1.00	448.21	18.00	0.00	7.00	4.00	2.00	1.00	2.00	14,625.09
12	200, 201, 205, 207, 208, 209, 212, 215, 254, 255, 256, 262, 263, 265, 270, 271, 272, 274, 275	34,738.10	40,384.79	214,889.57	4	44	16	242,622.87	753.88	50.94	242,622.87	52.00	3,209.38	3.29	327.26	0.00	0.00	0.00	59.38	629.14	0.00	7.04	2.00	424.37	18.00	0.00	7.00	4.00	2.00	1.00	2.00	14,625.09
13	200, 201, 205, 207, 208, 209, 212, 215, 254, 255, 256, 262, 264, 267, 268, 272, 274, 275	40,627.72	30,377.35	237,073.35	4	44	20	248,138.70	753.88	55.98	248,138.70	55.00	6,232.08	3.29	336.78	0.00	0.00	0.00	59.38	614.12	0.00	7.22	4.00	412.19	19.00	0.00	7.00	5.00	1.00	2.00	14,625.09	
14	200, 201, 205, 207, 208, 209, 212, 215, 254, 255, 256, 262, 264, 267, 268, 273, 275	45,759.07	35,568.11	217,061.18	4	44	20	248,112.21	753.88	56.57	248,112.21	52.00	3,266.71	3.29	336.70	0.00	0.00	0.00	59.38	614.03	0.00	6.65	3.00	411.39	19.00	0.00	7.00	5.00	1.00	2.00	14,625.09	
15	200, 201, 205, 207, 208, 209, 212, 215, 254, 255, 256, 262, 264, 267, 269, 271, 272, 273, 275	49,089.56	31,610.63	222,654.62	4	44	22	258,841.93	753.88	60.46	258,841.93	53.00	3,046.66	3.29	355.10	0.00	0.00	0.00	59.38	650.82	0.00	7.06	3.00	450.20	19.00	0.00	7.00	5.00	2.00	1.00	2.00	14,625.09
16	200, 201, 205, 207, 208, 209, 212, 215, 254, 255, 256, 262, 264, 267, 269, 271, 272, 274, 275	43,958.21	26,419.87	212,361.53	4	44	18	248,548.84	753.88	52.21	248,548.84	56.00	3,314.03	3.29	337.43	0.00	0.00	0.00	59.38	615.49	0.00	7.64	4.00	426.36	19.00	0.00	7.00	5.00	2.00	1.00	2.00	14,625.09
17	200, 201, 205, 207, 208, 209, 212, 215, 254, 257, 259, 260, 270, 269, 268, 272, 274, 275	44,711.90	16,618.29	259,583.42	3	44	18	264,719.30	753.88	66.95	264,719.30	55.00	3,865.20	3.29	365.24	0.00	0.00	0.00	59.38	671.11	0.00	8.41	4.00	400.77	24.00	0.00	9.00	6.00	0.00	1.00	1.00	1,888.41
18	200, 201, 205, 207, 208, 209, 212, 215, 254, 257, 259, 260, 270, 269, 268, 273, 275	49,843.24	21,809.06	259,556.52	3	44	18	264,692.81	753.88	67.55	264,692.81	52.00	2,597.83	3.29	365.20	0.00	0.00	0.00	59.38	671.01	0.00	7.83	3.00	439.97	24.00	0.00	9.00	6.00	1.00	2.00	1,888.41	
19	200, 201, 205, 207, 208, 209, 212, 215, 254, 257, 259, 260, 270, 271, 272, 273, 275	53,173.73	17,842.76	267,120.73	3	44	22	265,140.64	753.88	69.28	265,140.64	53.00	3,279.78	3.29	395.92	0.00	0.00	0.00	59.38	672.46	0.00	7.76	1.00	467.42	24.00	0.00	9.00	6.00	1.00	2.00	1,888.41	
20	200, 201, 205, 207, 208, 209, 212, 215, 254, 257, 259, 260, 270, 271, 272, 274, 275	45,577.84	12,651.49	241,591.67	3	44	20	254,847.55	753.88	63.48	254,847.55	56.00	3,547.13	3.29	349.85	0.00	0.00	0.00	59.38	635.13	0.00	8.34	2.00	458.68	24.00	0.00	9.00	6.00	1.00	2.00	1,888.41	
21	200, 201, 205, 207, 208, 209, 212, 215, 254, 257, 259, 260, 270, 269, 268, 272, 274, 275	45,577.84	12,651.49	241,591.67	3	44	20	254,847.55	753.88	63.48	254,847.55	56.00	3,547.13	3.29	349.85	0.00	0.00	0.00	59.38	635.13	0.00	8.34	2.00	458.68	24.00	0.00	9.00	6.00	1.00	2.00	1,888.41	
22	200, 201, 205, 207, 208, 209, 212, 215, 254, 257, 259, 260, 270, 269, 268, 272, 274, 275	41,089.18	32,646.51	233,108.63	5	46	20	254,942.57	753.88	58.37	254,942.57	15.00	1,643.50	0.00	348.78	0.00	0.00	0.00	59.38	637.18	0.00	6.78	7.00	423.36	25.00	0.00	7.00	5.00	1.00	2.00	14,625.09	
23	200, 201, 205, 207, 208, 209, 212, 215, 254, 257, 261, 263, 264, 267, 269, 271, 272, 273, 275	64,419.67	28,689.03	238,702.09	5	46	20	265,672.29	753.88	54.60	265,672.29	56.00	3,325.45	3.29	366.67	0.00	0.00	0.00	59.38	673.97	0.00	7.15	3.00	461.07	21.00	0.00	7.00	7.00	2.00	1.00	2.00	14,625.09
24	200, 201, 205, 207, 208, 209, 212, 215, 254, 257, 261, 263, 264, 267, 269, 271, 272, 274, 275	59,288.32	23,498.26	238,409.26	5	46	22	255,379.21	753.88	54.01	255,379.21	59.00	3,590.82	3.29	349.21	0.00	0.00	0.00	59.38	638.64	0.00	7.73	4.00	437.23	21.00	0.00	7.00	7.00	2.00	1.00	2.00	14,625.09
25	200, 201, 205, 207, 208, 209, 212, 215, 254, 257, 261, 263, 265, 270, 269, 268, 272, 274, 275	46,737.73	40,722.08	235,672.50	3	44	20	258,617.08	753.88	56.51	258,617.08	54.00	2,804.22	3.29	354.73	0.00	0.00	0.00	59.38	650.09	0.00	7.19	4.00	431.01	20.00	0.00	7.00	6.00	0.00	1.00	2.00	15,504.04
26	200, 201, 205, 207, 208, 209, 212, 215, 254, 257, 261, 263, 265, 270, 269, 268, 273, 275	51,869.08	45,912.84	235,648.50	3	44	20	258,590.58	753.88	58.25	258,590.58	51.00	3,258.85	3.29	354.69	0.00	0.00	0.00	59.38	650.00	0.00	6.61	3.00	430.21	20.00	0.00	7.00	6.00	1.00	2.00		

Table with columns for ID, Date, and various numerical values. The table contains multiple rows of data, with some rows having a 'PUBLIC' watermark. The data appears to be organized in a grid-like structure with varying column widths.

Exhibit JP-2

Exhibit JP-2

245	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	257	261	265	270	269	268	272	274	275	41,450.38	66,799.94	205,910.83	6.00	43.00	21.00	249,828.01	1,035.18	77.94	249,828.01	49.00	6,628.96	0.06	430.07	106.93	753.21	0.00	0.00	0.00	6.61	5.00	462.14	20.00	0.00	8.00	4.00	0.00	0.00	36,476.64	
246	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	257	261	265	270	269	268	272	274	275	42,581.73	71,990.70	205,884.33	6.00	43.00	21.00	249,801.51	1,035.18	78.54	249,801.51	46.00	6,624.99	0.06	430.01	106.93	753.12	0.00	0.00	0.00	6.60	5.00	461.34	20.00	0.00	8.00	4.00	0.00	36,476.64		
247	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	257	261	265	270	271	272	273	275	49,912.21	68,023.91	211,468.34	6.00	43.00	25.00	250,249.34	1,035.18	74.76	250,249.34	47.00	6,624.99	0.06	430.75	106.93	754.56	0.00	0.00	0.00	5.97	2.00	488.79	20.00	0.00	8.00	4.00	0.00	36,476.64			
248	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	257	261	265	270	271	272	273	275	44,780.86	68,023.91	201,175.35	6.00	43.00	21.00	239,956.26	1,035.18	74.17	239,956.26	50.00	6,624.99	0.06	430.08	106.93	753.23	0.00	0.00	0.00	5.97	2.00	486.95	20.00	0.00	8.00	4.00	0.00	36,476.64			
249	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	256	262	263	265	270	269	268	272	274	275	22,000.53	94,901.71	205,884.33	6.00	43.00	15.00	239,895.75	1,035.18	70.45	239,895.75	44.00	6,641.30	0.06	399.89	106.93	754.00	0.00	0.00	0.00	6.01	5.00	439.11	20.00	0.00	8.00	4.00	0.00	78,179.20	
250	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	256	262	263	265	270	269	268	272	275	27,111.80	94,901.71	205,884.33	6.00	40.00	15.00	232,778.86	1,035.18	71.04	232,778.86	42.00	6,185.93	0.06	399.94	106.93	754.00	0.00	0.00	0.00	6.01	5.00	431.31	18.00	0.00	8.00	2.00	0.00	78,179.20		
251	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	256	262	263	265	270	271	272	273	275	30,462.36	92,304.48	205,884.33	6.00	40.00	15.00	232,778.86	1,035.18	67.27	232,778.86	42.00	6,067.88	0.06	400.66	106.93	754.00	0.00	0.00	0.00	5.75	2.00	465.76	18.00	0.00	1.00	1.00	0.00	78,179.20		
252	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	256	262	263	265	270	271	272	273	275	25,331.01	87,113.71	146,142.80	6.00	40.00	15.00	222,433.59	1,035.18	66.68	222,433.59	45.00	7,133.25	0.06	383.00	106.93	757.82	0.00	0.00	0.00	6.33	3.00	441.92	18.00	0.00	8.00	2.00	1.00	78,179.20		
253	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	256	262	264	267	268	272	274	275	31,220.63	77,106.27	148,340.90	6.00	40.00	15.00	227,949.43	1,035.18	71.72	227,949.43	48.00	6,555.95	0.06	392.49	106.93	757.82	0.00	0.00	0.00	6.33	3.00	429.74	19.00	0.00	3.00	0.00	0.00	64,209.61			
254	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	256	262	264	267	268	272	274	275	36,351.98	82,297.03	148,340.90	6.00	41.00	15.00	227,922.93	1,035.18	72.31	227,922.93	45.00	6,290.58	0.06	392.44	106.93	757.82	0.00	0.00	0.00	5.94	4.00	428.94	19.00	0.00	8.00	3.00	0.00	64,209.61			
255	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	256	262	264	267	269	271	272	273	275	39,682.46	78,339.55	153,907.62	6.00	41.00	21.00	238,652.65	1,035.18	68.54	238,652.65	46.00	6,972.53	0.06	410.83	106.93	757.82	0.00	0.00	0.00	6.35	4.00	467.75	19.00	0.00	1.00	1.00	0.00	64,209.61		
256	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	256	262	264	267	269	271	272	273	275	34,551.11	73,148.79	143,614.77	6.00	41.00	17.00	228,359.56	1,035.18	70.95	228,359.56	49.00	7,237.90	0.06	393.17	106.93	757.82	0.00	0.00	0.00	6.93	5.00	443.91	20.00	0.00	8.00	3.00	1.00	64,209.61		
257	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	252	256	262	263	265	270	269	268	272	274	275	22,000.53	90,221.25	154,678.80	6.00	40.00	17.00	233,238.72	1,035.18	67.45	233,238.72	43.00	6,451.30	0.06	401.58	106.93	757.82	0.00	0.00	0.00	6.29	5.00	442.19	18.00	0.00	1.00	1.00	0.00	75,882.05
258	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	252	256	262	263	265	270	269	268	272	275	27,131.88	95,412.02	154,678.80	6.00	40.00	18.00	233,212.23	1,035.18	71.04	233,212.23	40.00	6,185.93	0.06	401.53	106.93	757.82	0.00	0.00	0.00	5.71	4.00	441.39	18.00	0.00	1.00	1.00	0.00	75,882.05	
259	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	252	256	262	263	265	270	271	272	273	275	30,462.36	91,445.22	159,662.30	6.00	40.00	22.00	233,660.06	1,035.18	67.27	233,660.06	41.00	6,667.88	0.06	402.25	106.93	757.82	0.00	0.00	0.00	5.65	2.00	468.84	18.00	0.00	8.00	2.00	1.00	75,882.05	
260	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	252	256	262	263	265	270	271	272	273	275	25,331.01	86,254.46	149,373.34	6.00	40.00	18.00	223,366.97	1,035.18	66.68	223,366.97	47.00	7,133.25	0.06	384.59	106.93	757.82	0.00	0.00	0.00	6.23	3.00	445.00	18.00	0.00	1.00	1.00	0.00	75,882.05	
261	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	252	256	262	264	267	268	272	274	275	31,220.63	76,247.01	151,571.45	6.00	41.00	18.00	228,882.81	1,035.18	71.72	228,882.81	44.00	6,555.95	0.06	394.08	106.93	757.82	0.00	0.00	0.00	6.41	5.00	432.82	19.00	0.00	8.00	3.00	0.00	61,912.46		
262	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	252	256	262	264	267	268	272	273	275	36,351.98	81,437.78	151,544.95	6.00	41.00	18.00	228,856.31	1,035.18	72.31	228,856.31	44.00	6,290.58	0.06	394.03	106.93	757.82	0.00	0.00	0.00	5.84	4.00	432.02	19.00	0.00	3.00	0.00	0.00	61,912.46		
263	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	252	256	262	264	267	269	271	272	273	275	39,682.46	77,480.30	157,348.30	6.00	41.00	24.00	239,586.03	1,035.18	68.54	239,586.03	45.00	6,972.53	0.06	412.42	106.93	757.82	0.00	0.00	0.00	6.25	4.00	470.83	19.00	0.00	1.00	1.00	0.00	61,912.46	
264	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	252	256	262	264	267	269	271	272	273	275	34,551.11	72,289.53	146,845.30	6.00	41.00	20.00	229,292.94	1,035.18	67.95	229,292.94	48.00	7,237.90	0.06	394.76	106.93	757.82	0.00	0.00	0.00	6.83	5.00	446.99	19.00	0.00	8.00	3.00	1.00	61,912.46	
265	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	255	256	262	263	265	270	269	268	272	274	275	26,120.27	74,612.87	174,250.67	6.00	41.00	20.00	239,210.07	1,035.18	73.36	239,210.07	45.00	6,627.20	0.06	411.83	106.93	757.82	0.00	0.00	0.00	6.49	5.00	446.37	18.00	0.00	1.00	1.00	0.00	61,912.46
266	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	255	256	262	263	265	270	269	268	272	275	31,251.62	79,803.64	174,224.13	6.00	41.00	20.00	239,183.57	1,035.18	73.95	239,183.57	42.00	6,971.83	0.06	411.78	106.93	757.82	0.00	0.00	0.00	5.91	4.00	445.57	18.00	0.00	8.00	2.00	1.00	61,912.46	
267	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	255	256	262	263	265	270	271	272	273	275	34,582.10	75,836.84	179,808.25	6.00	41.00	24.00	239,631.40	1,035.18	70.18	239,631.40	43.00	6,585.78	0.06	412.50	106.93	757.82	0.00	0.00	0.00	5.84	2.00	473.02	18.00	0.00	2.00	1.00	0.00	61,912.46	
268	200	201	205	217	219	221	222	229	231	232	233	237	239	240	246	248	253	255	256	262	263																																			

371	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	77,791.63	38,898.55	209,056.38	6.00	45.00	27.00	256,999.19	1,035.18	73.26	256,999.19	55.00	0.00	141.57	742.84	0.00	0.00	0.00	7.10	4.00	478.95	22.00	0.00	8.00	6.00	1.00	1.00	23,214.97
372	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	72,666.28	33,707.78	196,476.10	6.00	45.00	27.00	246,706.10	1,035.18	72.66	246,706.10	58.00	0.00	141.57	707.51	0.00	0.00	0.00	7.68	5.00	455.11	22.00	0.00	8.00	6.00	1.00	1.00	23,214.97
373	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	60,115.69	50,931.59	206,020.29	4.00	42.00	21.00	249,943.97	1,035.18	75.16	249,943.97	53.00	0.00	141.57	718.97	0.00	0.00	0.00	7.10	5.00	448.90	21.00	0.00	8.00	2.00	1.00	1.00	36,476.64
374	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	65,247.04	56,122.36	206,020.29	4.00	42.00	21.00	249,943.97	1,035.18	75.75	249,943.97	53.00	0.00	141.57	718.97	0.00	0.00	0.00	6.56	4.00	448.20	21.00	0.00	8.00	2.00	1.00	36,476.64	
375	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	68,577.52	52,159.95	206,020.29	4.00	42.00	21.00	249,943.97	1,035.18	74.98	249,943.97	51.00	0.00	141.57	718.97	0.00	0.00	0.00	6.90	4.00	475.95	21.00	0.00	8.00	2.00	1.00	36,476.64	
376	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	60,115.69	50,931.59	206,020.29	4.00	42.00	21.00	249,943.97	1,035.18	71.39	240,072.22	54.00	0.00	141.57	684.99	0.00	0.00	0.00	7.00	5.00	451.71	21.00	0.00	8.00	2.00	1.00	36,476.64	
377	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	68,577.52	52,159.95	206,020.29	4.00	42.00	21.00	249,943.97	1,035.18	88.23	241,059.31	49.00	0.00	141.57	747.57	0.00	0.00	0.00	6.77	3.00	443.52	23.00	1.00	9.00	1.00	1.00	37,548.78	
378	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	43,739.97	73,640.17	180,236.16	3.00	42.00	17.00	241,032.81	1,035.18	88.83	241,032.81	46.00	0.00	141.57	747.48	0.00	0.00	0.00	6.20	4.00	447.77	23.00	1.00	9.00	1.00	37,548.78		
379	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	47,070.45	69,673.37	185,820.72	3.00	42.00	17.00	241,040.81	1,035.18	85.06	241,480.62	47.00	0.00	141.57	748.92	0.00	0.00	0.00	6.13	2.00	470.17	23.00	1.00	9.00	2.00	1.00	37,548.78	
380	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	41,939.10	64,482.61	175,527.19	3.00	42.00	17.00	231,187.55	1,035.18	84.46	231,187.55	50.00	0.00	141.57	713.59	0.00	0.00	0.00	6.71	3.00	446.33	23.00	1.00	9.00	2.00	1.00	37,548.78	
381	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	47,828.72	54,475.16	175,527.19	3.00	43.00	17.00	236,703.39	1,035.18	89.50	236,703.39	53.00	0.00	141.57	732.57	0.00	0.00	0.00	6.89	5.00	434.15	24.00	1.00	9.00	3.00	0.00	43,579.19	
382	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	52,960.07	59,665.92	177,698.80	3.00	43.00	17.00	236,676.89	1,035.18	90.10	236,676.89	51.00	0.00	141.57	732.48	0.00	0.00	0.00	6.32	4.00	433.35	24.00	1.00	9.00	3.00	0.00	43,579.19	
383	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	56,290.55	55,708.45	183,292.44	3.00	43.00	23.00	247,406.61	1,035.18	86.33	247,406.61	50.00	0.00	141.57	769.27	0.00	0.00	0.00	6.73	4.00	472.16	24.00	1.00	9.00	3.00	0.00	43,579.19	
384	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	51,159.20	50,517.68	172,999.15	3.00	43.00	19.00	237,113.53	1,035.18	85.74	237,113.53	54.00	0.00	141.57	733.94	0.00	0.00	0.00	7.31	5.00	448.32	24.00	1.00	9.00	3.00	1.00	43,579.19	
385	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	16,854.76	92,351.92	146,431.92	3.00	41.00	15.00	231,130.59	1,035.18	85.71	231,130.59	50.00	0.00	141.57	713.44	0.00	0.00	0.00	6.40	5.00	441.48	16.00	0.00	7.00	2.00	0.00	81,451.30	
386	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	1,986.11	97,542.69	146,404.92	3.00	41.00	15.00	231,104.09	1,035.18	86.30	231,104.09	42.00	0.00	141.57	713.35	0.00	0.00	0.00	5.82	4.00	440.67	16.00	0.00	7.00	2.00	0.00	81,451.30	
387	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	25,316.59	93,575.89	155,980.44	3.00	41.00	19.00	231,551.93	1,035.18	82.53	231,551.93	43.00	0.00	141.57	714.79	0.00	0.00	0.00	5.76	2.00	468.12	16.00	0.00	7.00	1.00	1.00	81,451.30	
388	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	20,185.24	88,385.12	141,695.95	3.00	41.00	15.00	231,258.84	1,035.18	81.94	231,258.84	46.00	0.00	141.57	696.46	0.00	0.00	0.00	6.33	3.00	444.28	16.00	0.00	7.00	2.00	1.00	81,451.30	
389	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	26,074.86	78,377.68	143,894.84	3.00	42.00	16.00	228,774.67	1,035.18	88.23	228,774.67	49.00	0.00	141.57	698.44	0.00	0.00	0.00	6.52	5.00	432.10	17.00	0.00	7.00	3.00	0.00	67,481.71	
390	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	31,026.21	83,588.44	143,867.57	3.00	42.00	15.00	228,748.17	1,035.18	87.57	228,748.17	46.00	0.00	141.57	698.35	0.00	0.00	0.00	5.94	4.00	431.30	17.00	0.00	7.00	3.00	0.00	67,481.71	
391	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	34,536.69	79,610.96	149,461.00	3.00	42.00	21.00	237,477.90	1,035.18	88.80	237,477.90	47.00	0.00	141.57	735.14	0.00	0.00	0.00	6.36	4.00	470.11	17.00	0.00	7.00	3.00	0.00	67,481.71	
392	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	29,405.34	74,420.20	139,167.92	3.00	42.00	17.00	227,184.81	1,035.18	83.21	227,184.81	50.00	0.00	141.57	687.16	0.00	0.00	0.00	6.94	5.00	446.27	17.00	0.00	7.00	3.00	0.00	67,481.71	
393	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	16,854.76	91,492.67	149,635.45	3.00	41.00	16.00	232,063.97	1,035.18	85.71	232,063.97	44.00	0.00	141.57	716.62	0.00	0.00	0.00	6.30	5.00	444.56	16.00	0.00	7.00	2.00	0.00	79,154.14	
394	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	21,986.11	96,683.45	149,635.45	3.00	41.00	16.00	232,037.47	1,035.18	86.30	232,037.47	41.00	0.00	141.57	716.53	0.00	0.00	0.00	5.72	4.00	443.76	16.00	0.00	7.00	2.00	0.00	79,154.14	
395	200	201	205	217	219	221	222	229	231	232	233	234	242	250	253	257	261	263	264	267	269	271	272	273	275	25,316.59	92,716.63	155,219.35	3.00	41.00	20.00	232,485.30	1,035.18	82.53	232,485.30	42.00	0.00	141.57	717.97	0.00	0.00	0.00	5.66	2.00	471.20	16.00	0.00	7.00	2.00	1.00		

Table with columns for ID, coordinates, and numerical values. Includes large 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

Table with columns for ID, Date, and various numerical values. The table contains 48 rows of data, each with multiple columns of numbers. The word 'PUBLIC' is printed vertically on the right side of the page.

Exhibit JP-2

Exhibit JP-2

749	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	42,450.40	55,222.80	209,411.24	5.00	40.00	25.00	255,908.36	816.85	65.97	253,908.36	51.00	4,332.60	0.52	437.04	0.00	188.91	685.17	0.00	0.00	7.05	5.00	478.46	22.00	0.00	9.00	4.00	0.00	0.00	26,621.29
750	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	47,581.75	60,413.57	209,384.74	5.00	40.00	25.00	255,881.86	816.85	66.56	253,881.86	48.00	4,067.23	0.52	436.99	0.00	188.91	685.08	0.00	0.00	6.47	5.00	477.66	22.00	0.00	9.00	4.00	0.00	0.00	26,621.29
751	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	50,912.23	56,446.77	214,968.86	5.00	40.00	29.00	254,329.70	816.85	62.80	254,329.70	49.00	5,170.55	0.52	437.01	0.00	188.91	686.52	0.00	0.00	6.41	2.00	505.11	22.00	0.00	9.00	4.00	0.00	0.00	26,621.29
752	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	45,780.88	51,256.00	210,977.76	5.00	40.00	29.00	244,036.61	816.85	62.80	244,036.61	52.00	5,095.55	0.52	437.05	0.00	188.91	685.19	0.00	0.00	6.98	3.00	505.11	22.00	0.00	9.00	4.00	0.00	0.00	26,621.29
753	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	49,784.80	60,413.57	210,977.76	5.00	40.00	21.00	253,979.46	816.85	66.56	253,979.46	51.00	4,881.11	0.52	436.99	0.00	188.91	685.19	0.00	0.00	6.47	5.00	477.66	22.00	0.00	9.00	4.00	0.00	0.00	26,621.29
754	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	49,885.75	57,210.40	210,104.15	5.00	40.00	21.00	252,622.60	816.85	67.15	252,622.60	48.00	4,800.95	0.52	436.77	0.00	188.91	680.95	0.00	0.00	6.37	5.00	466.85	22.00	0.00	9.00	4.00	0.00	0.00	26,621.29
755	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	53,216.23	50,983.63	215,668.26	4.00	40.00	25.00	253,100.73	816.85	63.39	253,100.73	49.00	6,628.69	0.52	437.49	0.00	188.91	682.40	0.00	0.00	6.56	2.00	493.49	27.00	1.00	2.00	1.00	0.00	0.00	28,855.58
756	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	48,084.88	45,792.86	205,395.10	4.00	40.00	21.00	242,807.64	816.85	67.79	242,807.64	52.00	6,898.06	0.52	436.82	0.00	188.91	682.40	0.00	0.00	6.56	2.00	493.49	27.00	1.00	2.00	1.00	0.00	0.00	28,855.58
757	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	53,974.50	53,785.41	205,935.30	4.00	41.00	21.00	248,233.48	816.85	67.83	248,233.48	55.00	6,316.76	0.52	437.31	0.00	188.91	647.07	0.00	0.00	7.14	3.00	469.85	27.00	1.00	11.00	2.00	1.00	0.00	28,855.58
758	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	59,105.85	40,976.18	207,566.80	4.00	41.00	21.00	248,296.98	816.85	68.43	248,296.98	52.00	6,051.39	0.52	437.27	0.00	188.91	665.95	0.00	0.00	6.75	4.00	456.67	28.00	1.00	11.00	3.00	0.00	0.00	28,855.58
759	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	62,436.34	37,018.70	213,260.70	4.00	41.00	27.00	250,026.70	816.85	64.66	250,026.70	53.00	7,733.34	0.52	437.66	0.00	188.91	702.74	0.00	0.00	7.17	4.00	495.48	28.00	1.00	11.00	3.00	0.00	0.00	28,855.58
760	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	57,304.99	31,827.93	202,867.15	4.00	41.00	23.00	248,733.62	816.85	64.06	248,733.62	56.00	6,998.71	0.52	437.80	0.00	188.91	667.41	0.00	0.00	7.74	5.00	471.64	28.00	1.00	11.00	3.00	0.00	0.00	28,855.58
761	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	23,000.54	73,662.18	176,299.45	4.00	39.00	21.00	247,750.68	816.85	64.06	247,750.68	47.00	3,996.96	0.52	417.88	0.00	188.91	646.85	0.00	0.00	6.83	5.00	464.77	20.00	1.00	1.00	3.00	0.00	0.00	52,768.10
762	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	28,131.89	78,852.94	176,272.92	4.00	39.00	21.00	247,724.18	816.85	64.63	247,724.18	44.00	3,731.59	0.52	417.83	0.00	188.91	646.76	0.00	0.00	6.25	4.00	463.97	20.00	1.00	1.00	3.00	0.00	0.00	52,768.10
763	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	31,462.38	74,886.15	181,857.05	4.00	39.00	25.00	243,172.02	816.85	60.86	243,172.02	45.00	4,153.54	0.52	418.55	0.00	188.91	648.20	0.00	0.00	6.19	2.00	491.42	20.00	1.00	1.00	3.00	0.00	0.00	52,768.10
764	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	26,331.03	69,695.38	171,563.95	4.00	39.00	21.00	232,878.93	816.85	60.27	232,878.93	48.00	4,678.91	0.52	400.89	0.00	188.91	612.87	0.00	0.00	6.77	3.00	467.58	20.00	0.00	9.00	2.00	0.00	0.00	52,768.10
765	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	32,220.65	59,687.93	173,762.06	4.00	40.00	21.00	238,394.76	816.85	65.31	238,394.76	51.00	4,101.61	0.52	410.38	0.00	188.91	631.85	0.00	0.00	6.95	5.00	455.40	21.00	0.00	9.00	3.00	0.00	0.00	38,798.51
766	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	37,352.00	64,878.70	173,735.56	4.00	40.00	21.00	238,368.26	816.85	65.90	238,368.26	48.00	3,836.24	0.52	410.33	0.00	188.91	631.76	0.00	0.00	6.38	4.00	454.60	21.00	0.00	9.00	3.00	0.00	0.00	38,798.51
767	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	40,682.48	60,921.22	179,329.50	4.00	40.00	27.00	240,097.99	816.85	62.13	240,097.99	49.00	4,518.19	0.52	428.73	0.00	188.91	668.54	0.00	0.00	6.79	4.00	493.41	21.00	0.00	9.00	3.00	0.00	0.00	38,798.51
768	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	35,511.13	55,730.45	169,035.91	4.00	40.00	23.00	238,804.90	816.85	61.54	238,804.90	52.00	4,783.56	0.52	411.06	0.00	188.91	633.22	0.00	0.00	7.37	5.00	469.57	21.00	0.00	9.00	3.00	0.00	0.00	38,798.51
769	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	23,000.54	72,802.92	179,529.95	4.00	39.00	22.00	243,684.06	816.85	64.04	243,684.06	46.00	3,996.96	0.52	419.47	0.00	188.91	650.03	0.00	0.00	6.73	5.00	467.86	20.00	0.00	9.00	3.00	0.00	0.00	50,470.94
770	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	28,131.89	77,993.69	179,503.45	4.00	39.00	22.00	243,657.56	816.85	64.63	243,657.56	43.00	3,731.59	0.52	419.42	0.00	188.91	649.94	0.00	0.00	6.15	4.00	467.05	20.00	0.00	9.00	2.00	0.00	0.00	50,470.94
771	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	31,462.38	74,026.89	185,087.57	4.00	39.00	26.00	244,105.39	816.85	60.86	244,105.39	44.00	4,153.54	0.52	420.14	0.00	188.91	651.38	0.00	0.00	6.09	2.00	494.50	20.00	0.00	9.00	2.00	0.00	0.00	50,470.94
772	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	26,331.03	68,836.12	174,794.48	6.00	39.00	22.00	238,812.31	816.85	60.27	238,812.31	47.00	4,678.91	0.52	402.48	0.00	188.91	616.05	0.00	0.00	6.67	3.00	470.66	20.00	0.00	9.00	2.00	0.00	0.00	50,470.94
773	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	32,220.65	58,828.68	176,992.60	6.00	39.00	22.00	239,328.14	816.85	65.31	239,328.14	50.00	4,101.61	0.52	411.97	0.00	188.91	635.03	0.00	0.00	6.85	5.00	458.48	21.00	0.00	9.00	3.00	0.00	0.00	36,501.36
774	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	37,352.00	64,019.44	176,996.10	6.00	40.00	22.00	239,301.64	816.85	65.90	239,301.64	47.00	3,836.24	0.52	411.92	0.00	188.91	634.94	0.00	0.00	6.78	4.00	457.88	21.00	0.00	9.00	3.00	0.00	0.00	36,501.36
775	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	45,780.88	50,591.96	210,977.76	6.00	40.00	24.00	249,239.21	816.85	60.27	249,239.21	46.00	4,601.61	0.52	419.03	0.00	188.91	636.94	0.00	0.00	6.69	4.00	457.88	21.00	0.00	9.00	3.00	0.00	0.00	36,501.36
776	200, 201, 205, 217, 219, 221, 222, 230, 235, 236, 239, 241, 244, 248, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	49,885.75	55,511.13	210,977.76																										

875	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	256	262	264	267	269	271	272	273	275	43,802.21	57,688.50	189,028.47	7.00	43.00	25.00	250,188.38	1,928.23	68.11	250,188.38	46.00	1,168.81	0.06	430.63	0.00	0.00	106.93	754.34	0.00	0.00	0.00	6.36	11.00	480.66	20.00	0.00	0.00	8.00	4.00	2.00	1.00	36,624.73
876	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	256	262	264	267	269	271	272	273	275	38,704.86	52,497.73	169,208.47	7.00	43.00	21.00	239,895.29	1,928.23	68.11	239,895.29	49.00	1,234.18	0.06	412.97	0.00	0.00	106.93	719.01	0.00	0.00	0.00	6.94	12.00	456.82	20.00	0.00	0.00	8.00	4.00	2.00	1.00	36,624.73
877	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	259	260	270	269	268	272	274	275	39,425.59	42,696.15	229,996.37	6.00	48.00	19.00	256,065.76	1,928.23	82.26	256,065.76	48.00	1,099.35	0.06	440.81	0.00	0.00	106.93	774.68	0.00	0.00	0.00	7.13	12.00	471.28	25.00	0.00	0.00	10.00	5.00	2.00	1.00	22,861.01
878	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	259	260	270	269	268	272	274	275	44,555.89	47,886.92	229,996.37	6.00	48.00	19.00	256,099.26	1,928.23	82.26	256,099.26	45.00	1,149.35	0.06	441.76	0.00	0.00	106.93	774.59	0.00	0.00	0.00	7.13	12.00	470.47	25.00	0.00	0.00	10.00	5.00	2.00	1.00	22,861.01
879	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	259	260	270	269	268	272	274	275	43,946.89	43,120.99	169,487.09	48.00	23.00	256,487.09	1,928.23	79.68	256,487.09	46.00	1,216.93	0.06	414.48	0.00	0.00	106.93	796.93	0.00	0.00	0.00	7.64	9.00	487.92	25.00	0.00	0.00	6.00	1.00	1.00	1.00	61,045.96	
880	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	259	260	270	269	268	272	274	275	42,755.00	38,729.60	225,201.20	48.00	19.00	246,194.00	1,928.23	78.49	246,194.00	49.00	1,200.00	0.06	423.82	0.00	0.00	106.93	740.71	0.00	0.00	0.00	7.64	10.00	473.96	25.00	0.00	0.00	6.00	1.00	1.00	1.00	22,861.01	
881	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	261	263	264	267	268	272	274	275	50,670.49	46,533.60	203,509.00	46.00	21.00	246,315.00	1,928.23	73.08	246,315.00	51.00	1,205.00	0.06	423.89	0.00	0.00	106.93	740.85	0.00	0.00	0.00	6.61	12.00	452.56	22.00	0.00	0.00	6.00	0.00	0.00	0.00	22,861.01	
882	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	261	263	264	267	268	272	274	275	55,801.83	58,724.73	203,482.50	46.00	21.00	246,399.00	1,928.23	73.67	246,399.00	48.00	1,205.00	0.06	423.84	0.00	0.00	106.93	740.76	0.00	0.00	0.00	6.03	11.00	452.76	22.00	0.00	0.00	6.00	0.00	0.00	0.00	23,214.97	
883	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	261	263	264	267	269	271	272	273	275	59,132.32	54,766.88	209,075.50	46.00	21.00	257,018.75	1,928.23	69.91	257,018.75	49.00	1,245.60	0.06	412.74	0.00	0.00	106.93	777.55	0.00	0.00	0.00	6.45	11.00	491.57	22.00	0.00	0.00	6.00	0.00	0.00	0.00	23,214.97
884	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	261	265	270	269	268	272	274	275	54,000.97	49,576.12	198,782.85	46.00	21.00	246,725.66	1,928.23	69.31	246,725.66	52.00	1,210.97	0.06	424.57	0.00	0.00	106.93	742.22	0.00	0.00	0.00	7.03	12.00	467.73	22.00	0.00	0.00	6.00	1.00	1.00	1.00	23,214.97	
885	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	261	265	270	269	268	272	274	275	41,450.38	66,799.94	206,436.95	46.00	21.00	249,963.53	1,928.23	71.81	249,963.53	47.00	1,206.36	0.06	430.63	0.00	0.00	106.93	753.67	0.00	0.00	0.00	6.49	12.00	461.52	21.00	0.00	0.00	8.00	5.00	0.00	0.00	36,476.64	
886	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	261	265	270	269	268	272	274	275	46,581.73	71,990.70	206,019.85	46.00	21.00	249,937.03	1,928.23	72.40	249,937.03	44.00	1,206.99	0.06	430.25	0.00	0.00	106.93	753.58	0.00	0.00	0.00	5.91	11.00	460.72	21.00	0.00	0.00	8.00	5.00	0.00	0.00	36,476.64	
887	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	261	265	270	271	272	273	275	49,912.21	68,023.91	216,618.87	46.00	21.00	250,384.87	1,928.23	74.64	250,384.87	45.00	1,206.99	0.06	430.97	0.00	0.00	106.93	755.02	0.00	0.00	0.00	5.85	9.00	488.16	21.00	0.00	0.00	8.00	5.00	1.00	1.00	36,476.64		
888	200	201	205	217	220	222	229	231	232	233	237	239	240	246	249	253	257	261	265	270	271	272	273	275	44,780.86	62,833.14	201,310.88	46.00	21.00	240,917.78	1,928.23	68.04	240,917.78	48.00	1,206.99	0.06	413.31	0.00	0.00	106.93	719.69	0.00	0.00	0.00	6.42	10.00	464.32	21.00	0.00	0.00	6.00	5.00	1.00	1.00	36,476.64		
889	200	201	205	217	220	222	229	231	232	233	237	239	241	243	248	252	256	262	263	265	270	269	268	272	274	275	22,000.53	91,080.51	151,013.79	46.00	21.00	232,440.87	1,928.23	64.32	232,440.87	42.00	1,206.99	0.06	400.22	0.00	0.00	106.93	692.26	0.00	0.00	0.00	6.27	12.00	438.49	19.00	0.00	0.00	8.00	3.00	0.00	0.00	78,179.20
890	200	201	205	217	220	222	229	231	232	233	237	239	241	243	248	252	256	262	263	265	270	269	268	272	274	275	27,131.88	96,271.28	150,987.29	46.00	21.00	232,414.37	1,928.23	64.91	232,414.37	39.00	1,185.93	0.06	400.17	0.00	0.00	106.93	692.16	0.00	0.00	0.00	5.69	11.00	437.69	19.00	0.00	0.00	6.00	3.00	0.00	0.00	78,179.20
891	200	201	205	217	220	222	229	231	232	233	237	239	241	243	248	252	256	262	263	265	270	271	272	273	275	30,462.36	92,304.48	156,571.21	46.00	21.00	232,862.20	1,928.23	61.15	232,862.20	40.00	1,185.93	0.06	400.89	0.00	0.00	106.93	693.61	0.00	0.00	0.00	5.63	9.00	465.14	19.00	0.00	0.00	6.00	3.00	1.00	1.00	78,179.20	
892	200	201	205	217	220	222	229	231	232	233	237	239	241	243	248	252	256	262	263	265	270	271	272	273	275	25,331.01	87,113.71	146,278.32	46.00	21.00	222,569.12	1,928.23	60.55	222,569.12	43.00	1,185.93	0.06	383.23	0.00	0.00	106.93	658.28	0.00	0.00	0.00	6.20	10.00	441.30	19.00	0.00	0.00	6.00	1.00	1.00	1.00	78,179.20	
893	200	201	205	217	220	222	229	231	232	233	237	239	241	243	248	252	256	262	264	267	268	272	274	275	31,220.63	77,106.27	148,476.44	46.00	21.00	228,084.95	1,928.23	65.55	228,084.95	46.00	1,185.93	0.06	392.72	0.00	0.00	106.93	677.26	0.00	0.00	0.00	6.39	12.00	429.12	20.00	0.00	0.00	6.00	4.00	0.00	0.00	64,209.61		
894	200	201	205	217	220	222	229	231	232	233	237	239	241	243	248	252	256	262	264	267	268	272	274	275	36,351.98	82,297.03	148,449.94	46.00	21.00	228,058.45	1,928.23	66.18	228,058.45	43.00	1,185.93	0.06	392.67	0.00	0.00	106.93	677.16	0.00	0.00	0.00	5.81	11.00	428.32	20.00	0.00	0.00	6.00	4.00	0.00	0.00	64,209.61		
895	200	201	205	217	220	222	229	231	232	233	237	239	241	243	248	252	256	262	264	267	269	271	272	273	275	39,682.46	78,339.55	154,043.38	46.00	21.00	238,788.17	1,928.23	62.42	238,788.17	44.00	1,185.93	0.06	411.06	0.00	0.00	106.93	713.95	0.00	0.00	0.00	6.23	11.00	467.13	20.00	0.00	0.00	6.00	4.00	1.00	1.00	64,209.61	
896	200	201	205	217	220	222	229	231	232	233	237	239	241	243	248	252	256	262	264	267	269	271	272	273	275	34,551.11	73,148.79	143,750.29	46.00	21.00	228,495.09	1,928.23	61.82	228,495.09	47.00	1,185.93	0.06	393.40	0.00	0.00	106.93	678.63	0.00	0.00	0.00	6.81	12.00	443.29	20.00	0.00	0.00	6.00	4.00	1.00	1.00	64,209.61	
897	200	201	205	217	220	222	229	231	232	233	237	239	241	243	249	251	252	256	262	263	265	270	269	268	272	274	275	22,000.53	90,221.25	154,234.35	46.00	21.00	233,374.25	1,928.																							

1001	200	201	205	217	220	222	229	231	232	233	237	242	250	253	255	256	262	264	267	268	272	274	275	54,005.68	40,586.87	187,577.50	5.00	42.00	19.00	239,601.12	1,928.23	68.50	239,601.12	52.00	6,876.95	0.06	412.48	0.00	0.00	0.00	0.00	7.05	12.00	429.41	21.00	0.00	8.00	5.00	1.00	0.00	0.00	36,624.73
1002	200	201	205	217	220	222	229	231	232	233	237	242	250	253	255	256	262	264	267	268	272	274	275	59,137.03	45,777.63	239,574.62	5.00	42.00	19.00	239,574.62	1,928.23	69.50	239,574.62	49.00	6,811.58	0.06	412.44	0.00	0.00	0.00	0.00	6.47	12.00	428.61	21.00	0.00	8.00	5.00	1.00	0.00	0.00	36,624.73
1003	200	201	205	217	220	222	229	231	232	233	237	242	250	253	255	256	262	264	267	269	271	274	275	62,467.51	41,820.15	193,144.44	5.00	42.00	25.00	250,304.35	1,928.23	65.33	250,304.35	50.00	7,199.55	0.06	430.83	0.00	0.00	0.00	0.00	6.89	11.00	467.42	21.00	0.00	8.00	5.00	1.00	0.00	0.00	36,624.73
1004	200	201	205	217	220	222	229	231	232	233	237	242	250	253	255	256	262	264	267	269	271	274	275	57,336.17	36,629.39	240,012.26	5.00	42.00	21.00	240,012.26	1,928.23	64.73	240,012.26	50.00	7,199.55	0.06	413.17	0.00	0.00	0.00	0.00	6.89	11.00	467.42	21.00	0.00	8.00	5.00	1.00	0.00	0.00	36,624.73
1005	200	201	205	217	220	222	229	231	232	233	237	242	250	253	255	256	262	264	267	269	271	274	275	58,089.83	36,629.39	240,012.26	5.00	42.00	19.00	239,601.12	1,928.23	70.48	239,601.12	52.00	6,876.95	0.06	412.44	0.00	0.00	0.00	0.00	7.05	12.00	429.41	21.00	0.00	8.00	5.00	1.00	0.00	0.00	36,624.73
1006	200	201	205	217	220	222	229	231	232	233	237	242	250	253	255	256	262	264	267	269	271	274	275	32,211.20	32,014.58	230,946.34	5.00	47.00	19.00	256,155.32	1,928.23	80.07	256,155.32	50.00	7,842.70	0.06	440.96	0.00	0.00	0.00	0.00	8.23	12.00	487.94	21.00	0.00	10.00	6.00	1.00	0.00	0.00	22,861.01
1007	200	201	205	217	220	222	229	231	232	233	237	242	250	253	255	256	262	264	267	269	271	274	275	65,551.69	40,586.87	235,630.06	5.00	47.00	23.00	256,603.06	1,928.23	76.30	256,603.06	50.00	7,524.65	0.06	441.68	0.00	0.00	0.00	0.00	7.59	9.00	454.88	25.00	0.00	6.00	1.00	0.00	0.00	0.00	22,861.01
1008	200	201	205	217	220	222	229	231	232	233	237	242	250	253	255	256	262	264	267	269	271	274	275	61,420.34	22,861.01	225,337.37	5.00	47.00	19.00	246,309.97	1,928.23	75.71	246,309.97	53.00	7,790.02	0.06	424.02	0.00	0.00	0.00	0.00	8.17	10.00	460.84	25.00	0.00	10.00	6.00	1.00	2.00	22,861.01	
1009	200	201	205	217	220	222	229	231	232	233	237	242	250	253	255	256	262	264	267	269	271	274	275	69,335.79	37,665.26	203,624.96	5.00	45.00	21.00	246,414.49	1,928.23	70.30	246,414.49	55.00	7,155.74	0.06	424.09	0.00	0.00	0.00	0.00	7.14	12.00	460.34	25.00	0.00	8.00	7.00	0.00	2.00	23,214.97	
1010	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	263	264	267	268	273	275	74,667.14	42,856.03	203,598.46	5.00	45.00	21.00	246,404.99	1,928.23	70.90	246,404.99	52.00	6,888.37	0.06	424.04	0.00	0.00	0.00	0.00	6.56	11.00	439.52	23.00	0.00	8.00	7.00	0.00	0.00	23,214.97		
1011	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	263	264	267	269	271	274	275	77,797.63	38,898.55	209,191.90	5.00	45.00	27.00	257,134.71	1,928.23	67.13	257,134.71	53.00	7,570.32	0.06	424.44	0.00	0.00	0.00	0.00	6.98	11.00	478.33	23.00	0.00	8.00	7.00	1.00	1.00	0.00	23,214.97
1012	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	263	264	267	269	271	274	275	72,666.38	33,707.78	198,898.81	5.00	45.00	23.00	246,841.62	1,928.23	66.53	246,841.62	56.00	7,835.69	0.06	424.77	0.00	0.00	0.00	0.00	7.55	12.00	454.49	23.00	0.00	8.00	7.00	1.00	0.00	0.00	23,214.97
1013	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	269	268	272	274	275	60,115.69	50,931.59	206,162.32	5.00	47.00	23.00	250,079.50	1,928.23	69.03	250,079.50	51.00	7,049.09	0.06	430.50	0.00	0.00	0.00	0.00	7.02	12.00	448.28	22.00	0.00	6.00	6.00	0.00	0.00	0.00	36,476.64
1014	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	269	268	273	275	65,247.04	56,122.36	206,135.82	5.00	42.00	21.00	250,053.00	1,928.23	69.62	250,053.00	48.00	6,783.72	0.06	430.45	0.00	0.00	0.00	0.00	6.44	11.00	447.48	22.00	0.00	8.00	6.00	0.00	0.00	0.00	36,476.64	
1015	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	271	272	273	275	68,577.52	52,155.56	211,795.94	5.00	42.00	25.00	250,500.83	1,928.23	69.62	250,500.83	49.00	7,465.67	0.06	431.17	0.00	0.00	0.00	0.00	6.37	9.00	474.92	22.00	0.00	8.00	6.00	1.00	0.00	0.00	36,476.64	
1016	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	271	272	273	275	63,446.17	46,964.80	201,426.85	5.00	42.00	21.00	240,207.74	1,928.23	65.26	240,207.74	52.00	7,731.04	0.06	413.51	0.00	0.00	0.00	0.00	6.95	10.00	451.09	22.00	0.00	6.00	1.00	0.00	0.00	0.00	36,476.64	
1017	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	269	268	272	274	275	38,608.62	68,449.40	180,398.18	5.00	42.00	17.00	241,194.83	1,928.23	82.10	241,194.83	47.00	10,099.71	0.06	457.09	0.00	0.00	0.00	0.00	6.65	12.00	442.90	24.00	1.00	9.00	3.00	0.00	0.00	0.00	57,548.78
1018	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	269	268	273	275	43,739.97	73,640.17	180,371.63	5.00	42.00	17.00	241,168.33	1,928.23	82.70	241,168.33	44.00	9,834.34	0.06	457.05	0.00	0.00	0.00	0.00	6.07	11.00	442.10	24.00	1.00	9.00	3.00	0.00	0.00	0.00	57,548.78	
1019	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	271	272	273	275	47,070.45	69,673.37	180,371.63	5.00	42.00	21.00	241,616.17	1,928.23	78.93	241,616.17	45.00	10,526.29	0.06	457.77	0.00	0.00	0.00	0.00	6.01	9.00	469.55	24.00	1.00	10.00	3.00	0.00	0.00	0.00	57,548.78	
1020	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	271	272	273	275	41,939.10	64,882.61	175,662.71	5.00	42.00	17.00	231,323.08	1,928.23	78.34	231,323.08	48.00	10,781.36	0.06	450.10	0.00	0.00	0.00	0.00	6.58	10.00	445.71	23.00	1.00	9.00	3.00	0.00	0.00	0.00	57,548.78	
1021	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	271	272	273	275	47,828.72	54,475.16	177,860.71	5.00	42.00	17.00	238,839.11	1,928.23	83.38	238,839.11	51.00	10,204.36	0.06	459.59	0.00	0.00	0.00	0.00	6.77	12.00	433.53	25.00	1.00	9.00	4.00	0.00	0.00	0.00	43,579.19	
1022	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	271	272	273	275	52,960.07	59,665.92	177,834.33	5.00	43.00	17.00	236,812.41	1,928.23	83.97	236,812.41	48.00	9,938.99	0.06	459.55	0.00	0.00	0.00	0.00	6.19	11.00	432.73	25.00	1.00	9.00	4.00	0.00	0.00	0.00	43,579.19	
1023	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	271	272	273	275	56,290.55	55,708.45	182,427.76	5.00	43.00	23.00	247,542.14	1,928.23	80.20	247,542.14	49.00	10,620.94	0.06	457.94	0.00	0.00	0.00	0.00	6.61	11.00	471.53	25.00	1.00	9.00	4.00	0.00	0.00	0.00	43,579.19	
1024	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	271	272	273	275	51,159.20	50,517.68	173,134.67	5.00	43.00	19.00	237,249.05	1,928.23	79.61	237,249.05	52.00	10,886.31	0.06	450.28	0.00	0.00	0.00	0.00	6.29	12.00	447.69	25.00	1.00	9.00	4.00	1.00	0.00	0.00	43,579.19	
1025	200	201	205	217	220	222	229	231	232	233	237	242	250	253	257	261	265	270	269	268	272	274	275	16,854.76	92,351.92	146,596.94	5.00																									

Table with columns for ID, coordinates, and numerical values. Includes 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

1253	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	34,278.78	29,461.24	237,111.94	5.00	49.00	20.00	261,971.97	1,928.23	68.72	261,971.97	45.00	4,118.62	0.73	450.95	0.00	0.00	143.18	758.72	0.00	0.00	7.17	12.00	467.94	24.00	0.00	10.00	4.00	0.00	1.00	8,567.16
1254	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	39,410.13	36,652.01	237,090.91	5.00	49.00	20.00	261,945.47	1,928.23	69.31	261,945.47	42.00	4,188.26	0.73	450.90	0.00	0.00	143.18	758.63	0.00	0.00	6.59	11.00	467.14	24.00	0.00	10.00	4.00	0.00	1.00	8,567.16
1255	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	42,740.61	30,685.21	232,671.91	5.00	49.00	20.00	262,393.30	1,928.23	65.54	262,393.30	43.00	4,188.26	0.73	451.63	0.00	0.00	143.18	760.07	0.00	0.00	6.53	9.00	494.59	24.00	0.00	10.00	4.00	0.00	1.00	8,567.16
1256	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	37,609.25	25,940.44	232,381.94	5.00	49.00	20.00	252,100.21	1,928.23	69.55	252,100.21	46.00	4,188.26	0.73	433.96	0.00	0.00	143.18	724.74	0.00	0.00	7.11	10.00	470.75	24.00	0.00	10.00	4.00	0.00	1.00	8,567.16
1257	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	45,517.79	40,988.69	230,691.91	7.00	47.00	22.00	252,719.75	1,928.23	59.84	252,719.75	48.00	4,188.26	0.73	433.93	0.00	0.00	143.18	724.88	0.00	0.00	6.08	11.00	489.23	21.00	0.00	8.00	5.00	0.00	1.00	8,931.11
1258	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	46,556.07	45,489.46	230,643.91	7.00	47.00	22.00	252,195.94	1,928.23	60.13	252,195.94	45.00	4,188.26	0.73	433.99	0.00	0.00	143.18	724.79	0.00	0.00	6.08	11.00	489.23	21.00	0.00	8.00	5.00	0.00	1.00	8,931.11
1259	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	53,986.55	45,591.98	216,232.91	7.00	47.00	22.00	262,934.96	1,928.23	56.37	262,934.96	46.00	4,188.26	0.73	426.98	0.00	0.00	143.18	761.58	0.00	0.00	5.92	11.00	488.24	21.00	0.00	8.00	1.00	0.00	1.00	8,921.11
1260	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	48,855.20	36,341.21	205,943.98	7.00	47.00	20.00	252,618.87	1,928.23	55.77	252,618.87	49.00	4,188.26	0.73	434.72	0.00	0.00	143.18	726.25	0.00	0.00	6.49	12.00	464.40	21.00	0.00	8.00	5.00	1.00	8,921.11	
1261	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	36,304.61	33,545.02	213,206.98	5.00	44.00	22.00	255,869.74	1,928.23	58.27	255,869.74	44.00	4,059.64	0.73	440.44	0.00	0.00	143.18	737.70	0.00	0.00	5.96	12.00	458.18	20.00	0.00	8.00	4.00	0.00	1.00	22,182.79
1262	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	41,435.96	38,575.79	213,180.99	5.00	44.00	22.00	255,843.24	1,928.23	58.86	255,843.24	41.00	3,794.27	0.73	440.40	0.00	0.00	143.18	737.61	0.00	0.00	5.38	11.00	457.38	20.00	0.00	8.00	4.00	0.00	1.00	22,182.79
1263	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	44,766.45	54,788.99	218,764.51	5.00	44.00	26.00	256,291.08	1,928.23	54.60	256,291.08	42.00	4,476.22	0.73	441.12	0.00	0.00	143.18	739.05	0.00	0.00	5.31	9.00	484.83	20.00	0.00	8.00	4.00	1.00	1.00	22,182.79
1264	200	201	205	217	220	222	229	234	236	239	241	244	246	249	253	257	259	260	270	269	268	272	274	275	39,635.10	49,598.23	208,471.42	5.00	44.00	22.00	245,997.99	1,928.23	53.50	245,997.99	45.00	4,741.59	0.73	423.45	0.00	0.00	143.18	703.73	0.00	0.00	5.89	10.00	460.99	20.00	0.00	8.00	4.00	1.00	1.00	22,182.79
1265	200	201	205	217	220	222	229	234	236	242	247	254	255	256	262	263	265	270	269	268	272	274	275	36,895.57	38,800.55	206,677.40	5.00	44.00	22.00	252,606.82	1,928.23	54.69	252,606.82	40.00	3,067.19	0.73	434.86	0.00	0.00	191.98	607.74	0.00	0.00	5.63	12.00	413.58	19.00	0.00	8.00	3.00	1.00	1.00	29,621.71	
1266	200	201	205	217	220	222	229	234	236	242	247	254	255	256	262	263	265	270	269	268	272	274	275	42,026.92	43,991.32	206,671.20	4.00	42.00	28.00	252,580.32	1,928.23	54.28	252,580.32	37.00	2,801.82	0.73	434.82	0.00	0.00	191.98	677.65	0.00	0.00	5.05	11.00	412.78	19.00	0.00	8.00	3.00	1.00	1.00	29,621.71	
1267	200	201	205	217	220	222	229	234	236	242	247	254	255	256	262	263	265	270	271	272	273	275	45,357.40	40,024.52	215,257.32	4.00	42.00	22.00	253,018.15	1,928.23	54.51	253,018.15	38.00	2,801.82	0.73	435.54	0.00	0.00	191.98	679.09	0.00	0.00	4.99	9.00	400.22	19.00	0.00	8.00	3.00	2.00	1.00	29,621.71		
1268	200	201	205	217	220	222	229	234	236	242	247	254	255	256	262	263	265	270	271	272	273	275	40,226.05	34,833.75	201,962.34	4.00	42.00	18.00	247,735.07	1,928.23	49.92	247,735.07	41.00	3,749.14	0.73	417.87	0.00	0.00	191.98	643.76	0.00	0.00	5.57	10.00	416.38	19.00	0.00	8.00	3.00	2.00	1.00	29,621.71		
1269	200	201	205	217	220	222	229	234	236	242	247	254	255	256	262	264	267	268	272	274	275	46,115.67	24,826.31	204,166.24	4.00	43.00	18.00	248,250.90	1,928.23	54.96	248,250.90	44.00	3,171.84	0.73	427.36	0.00	0.00	191.98	662.74	0.00	0.00	5.75	12.00	404.20	20.00	0.00	8.00	4.00	1.00	1.00	15,652.13			
1270	200	201	205	217	220	222	229	234	236	242	247	254	255	256	262	264	267	268	272	274	275	51,247.02	30,017.07	200,133.85	4.00	43.00	18.00	248,224.40	1,928.23	55.55	248,224.40	41.00	2,906.47	0.73	427.32	0.00	0.00	191.98	662.65	0.00	0.00	5.18	11.00	403.40	20.00	0.00	8.00	4.00	1.00	1.00	15,652.13			
1271	200	201	205	217	220	222	229	234	236	242	247	254	255	256	262	264	267	269	271	272	273	275	54,577.51	26,059.59	209,727.85	4.00	43.00	24.00	258,941.13	1,928.23	55.78	258,941.13	42.00	3,588.42	0.73	445.71	0.00	0.00	191.98	609.44	0.00	0.00	5.59	11.00	442.21	20.00	0.00	8.00	4.00	2.00	1.00	15,652.13		
1272	200	201	205	217	220	222	229	234	236	242	247	254	255	256	262	264	267	269	271	272	273	275	49,446.16	20,868.83	199,434.20	4.00	43.00	20.00	248,661.04	1,928.23	51.19	248,661.04	45.00	3,853.79	0.73	428.05	0.00	0.00	191.98	664.11	0.00	0.00	6.17	12.00	418.37	20.00	0.00	8.00	4.00	1.00	1.00	15,652.13		
1273	200	201	205	217	220	222	229	234	236	242	247	254	257	259	260	270	269	268	272	274	275	50,199.85	11,067.25	206,679.35	4.00	43.00	20.00	246,831.50	1,928.23	65.94	246,831.50	44.00	3,402.96	0.73	455.85	0.00	0.00	191.98	719.72	0.00	0.00	6.94	12.00	432.78	25.00	0.00	10.00	5.00	0.00	1.00	1,888.41			
1274	200	201	205	217	220	222	229	234	236	242	247	254	257	259	260	270	269	268	272	274	275	55,331.19	16,528.02	246,629.19	3.00	48.00	20.00	264,805.00	1,928.23	66.53	264,805.00	41.00	3,137.59	0.73	455.81	0.00	0.00	191.98	719.63	0.00	0.00	6.36	11.00	431.98	25.00	0.00	10.00	5.00	0.00	1.00	1,888.41			
1275	200	201	205	217	220	222	229	234	236	242	247	254	257	259	260	270	271	272	273	275	58,661.68	12,291.22	252,213.31	3.00	48.00	24.00	265,252.84	1,928.23	62.76	265,252.84	42.00	2,675.54	0.73	456.53	0.00	0.00	191.98	721.08	0.00	0.00	6.29	9.00	459.43	25.00	0.00	10.00	5.00	1.00	2.00	1,888.41				
1276	200	201	205	217	220	222	229	234	236	242	247	254	257	259	260	270	271	272	273	275	53,530.33	7,100.45	241,920.22	3.00	48.00	24.00	254,959.75	1,928.23	62.17	254,959.75	45.00	4,084.91	0.73	438.87	0.00	0.00	191.98	685.75	0.00															

1379	200	201	205	217	220	222	230	235	236	239	241	243	249	253	255	256	262	264	267	269	271	272	273	275	44,802.22	46,111.36	186,528.89	6.00	40.00	29.00	254,268.74	1,709.90	56.14	254,268.74	48.00	4,577.04	0.52	437.60	0.00	0.00	188.91	686.30	0.00	0.00	0.00	6.80	11.00	496.98	22.00	0.00	9.00	4.00	2.00	1.00	26,769.38
1380	201	205	217	220	222	230	235	236	239	241	243	249	253	255	256	262	264	267	269	271	272	273	275	39,670.87	40,920.59	166,258.80	6.00	40.00	25.00	243,975.65	1,709.90	55.54	243,975.65	51.00	4,842.41	0.52	419.94	0.00	0.00	188.91	659.07	0.00	0.00	0.00	7.38	12.00	473.14	22.00	0.00	9.00	4.00	2.00	1.00	26,769.38	
1381	200	201	205	217	220	222	230	235	236	239	241	243	249	253	257	259	260	270	269	268	272	273	275	40,424.56	41,119.01	233,457.28	5.00	45.00	23.00	260,146.11	1,709.90	70.29	260,146.11	50.00	4,000.00	0.52	447.77	0.00	0.00	188.91	706.64	0.00	0.00	0.00	0.00	12.00	487.60	27.00	0.00	11.00	3.00	1.00	13,005.66		
1382	201	205	217	220	222	230	235	236	239	241	243	249	253	257	259	260	270	269	268	272	273	275	45,555.91	46,309.78	363,909.78	5.00	45.00	23.00	260,119.61	1,709.90	70.29	260,119.61	47.00	4,000.00	0.52	447.77	0.00	0.00	188.91	709.55	0.00	0.00	0.00	0.00	11.00	486.80	27.00	0.00	11.00	3.00	1.00	13,005.66			
1383	200	201	205	217	220	222	230	235	236	239	241	243	249	253	257	259	260	270	269	268	272	273	275	48,896.99	49,640.86	399,044.99	5.00	45.00	27.00	265,957.44	1,709.90	67.41	265,957.44	48.00	4,000.00	0.52	448.83	0.00	0.00	188.91	707.99	0.00	0.00	0.00	0.00	11.00	484.20	27.00	0.00	11.00	3.00	1.00	13,005.66		
1384	200	201	205	217	220	222	230	235	236	239	241	243	249	253	257	259	260	270	269	268	272	273	275	43,735.04	44,479.91	270,574.36	5.00	45.00	23.00	250,274.36	1,709.90	65.57	250,274.36	51.00	4,000.00	0.52	430.79	0.00	0.00	188.91	672.66	0.00	0.00	0.00	0.00	10.00	490.41	27.00	0.00	11.00	5.00	2.00	13,005.66		
1385	201	205	217	220	222	230	235	236	239	241	243	249	253	257	261	263	264	267	268	272	273	275	41,670.50	42,415.46	207,009.41	7.00	43.00	25.00	250,395.88	1,709.90	61.11	250,395.88	52.00	4,000.00	0.52	430.86	0.00	0.00	188.91	672.81	0.00	0.00	0.00	0.00	10.00	489.89	24.00	0.00	6.00	0.00	0.00	13,359.61			
1386	201	205	217	220	222	230	235	236	239	241	243	249	253	257	261	263	264	267	268	272	273	275	56,801.85	57,546.72	417,427.23	7.00	43.00	25.00	250,399.38	1,709.90	61.71	250,399.38	50.00	4,000.00	0.52	430.81	0.00	0.00	188.91	672.71	0.00	0.00	0.00	0.00	11.00	469.09	24.00	0.00	9.00	6.00	0.00	13,359.61			
1387	201	205	217	220	222	230	235	236	239	241	243	249	253	257	261	263	264	267	269	271	272	273	275	60,132.33	60,877.20	413,189.75	7.00	43.00	31.00	261,099.10	1,709.90	57.94	261,099.10	51.00	4,000.00	0.52	449.21	0.00	0.00	188.91	709.50	0.00	0.00	0.00	0.00	11.00	507.89	24.00	0.00	9.00	6.00	0.00	13,359.61		
1388	201	205	217	220	222	230	235	236	239	241	243	249	253	257	261	263	264	267	269	271	272	273	275	55,008.98	55,753.86	379,998.98	7.00	43.00	27.00	250,806.01	1,709.90	57.35	250,806.01	50.00	4,000.00	0.52	431.54	0.00	0.00	188.91	674.17	0.00	0.00	0.00	0.00	12.00	484.05	24.00	0.00	9.00	6.00	1.00	13,359.61		
1389	201	205	217	220	222	230	235	236	239	241	243	249	253	257	261	263	264	267	269	271	272	273	275	42,450.40	43,195.28	209,546.80	7.00	43.00	25.00	254,043.89	1,709.90	59.84	254,043.89	49.00	4,000.00	0.52	437.27	0.00	0.00	188.91	685.63	0.00	0.00	0.00	0.00	10.00	477.84	23.00	0.00	9.00	5.00	0.00	26,621.29		
1390	201	205	217	220	222	230	235	236	239	241	243	249	253	257	261	263	264	267	269	271	272	273	275	47,581.75	48,326.63	209,520.27	5.00	40.00	25.00	254,017.39	1,709.90	60.44	254,017.39	46.00	4,000.00	0.52	437.22	0.00	0.00	188.91	685.53	0.00	0.00	0.00	0.00	11.00	477.04	23.00	0.00	9.00	5.00	0.00	26,621.29		
1391	201	205	217	220	222	230	235	236	239	241	243	249	253	257	261	263	264	267	269	271	272	273	275	50,912.23	51,657.11	215,104.30	5.00	40.00	25.00	254,465.22	1,709.90	56.67	254,465.22	47.00	4,000.00	0.52	437.94	0.00	0.00	188.91	686.98	0.00	0.00	0.00	0.00	11.00	504.49	23.00	0.00	9.00	5.00	1.00	26,621.29		
1392	201	205	217	220	222	230	235	236	239	241	243	249	253	257	261	263	264	267	269	271	272	273	275	45,780.88	46,525.76	204,811.30	5.00	40.00	25.00	244,172.13	1,709.90	56.07	244,172.13	50.00	4,000.00	0.52	420.28	0.00	0.00	188.91	651.65	0.00	0.00	0.00	0.00	10.00	480.65	23.00	0.00	9.00	5.00	1.00	26,621.29		
1393	201	205	217	220	222	230	235	236	239	241	244	245	246	249	253	256	262	263	265	270	269	268	272	274	44,754.40	45,499.28	210,661.10	4.00	40.00	21.00	252,814.92	1,709.90	60.43	252,814.92	49.00	4,000.00	0.52	437.04	0.00	0.00	188.91	681.50	30.37	0.00	0.00	0.00	7.08	12.00	466.22	28.00	1.00	11.00	3.00	0.00	28,865.58
1394	201	205	217	220	222	230	235	236	239	241	244	245	246	249	253	256	262	263	265	270	269	268	272	275	49,885.75	50,630.63	210,239.68	4.00	40.00	21.00	252,788.42	1,709.90	61.03	252,788.42	46.00	4,000.00	0.52	437.04	0.00	0.00	188.91	681.41	30.37	0.00	0.00	0.00	6.51	11.00	465.42	28.00	1.00	11.00	3.00	0.00	28,865.58
1395	201	205	217	220	222	230	235	236	239	241	244	245	246	249	253	256	262	263	265	270	271	272	273	275	53,216.23	53,961.11	210,239.68	4.00	40.00	25.00	252,326.76	1,709.90	57.26	252,326.76	47.00	4,000.00	0.52	437.26	0.00	0.00	188.91	682.85	30.37	0.00	0.00	0.00	6.44	9.00	492.87	28.00	1.00	11.00	3.00	1.00	28,865.58
1396	201	205	217	220	222	230	235	236	239	241	244	245	246	249	253	256	262	263	265	270	271	272	273	275	48,084.88	48,829.76	205,530.71	4.00	40.00	21.00	242,943.17	1,709.90	56.67	242,943.17	50.00	4,000.00	0.52	430.55	0.00	0.00	188.91	647.53	30.37	0.00	0.00	0.00	7.02	10.00	469.03	28.00	1.00	11.00	3.00	1.00	28,865.58
1397	201	205	217	220	222	230	235	236	239	241	244	245	246	249	253	256	262	263	265	270	271	272	273	275	53,974.50	54,719.38	210,239.68	4.00	41.00	21.00	248,459.00	1,709.90	56.67	248,459.00	50.00	4,000.00	0.52	437.26	0.00	0.00	188.91	666.50	30.37	0.00	0.00	0.00	7.20	12.00	456.85	29.00	1.00	11.00	4.00	0.00	14,895.99
1398	201	205	217	220	222	230	235	236	239	241	244	245	246	249	253	256	262	263	265	270	271	272	273	275	59,105.85	59,850.73	207,702.32	4.00	41.00	21.00	248,432.50	1,709.90	62.30	248,432.50	50.00	4,000.00	0.52	437.26	0.00	0.00	188.91	666.41	30.37	0.00	0.00	0.00	6.63	11.00	456.05	29.00	1.00	11.00	4.00	0.00	14,895.99
1399	201	205	217	220	222	230	235	236	239	241	244	245	246	249	253	256	262	263	265	270	271	272	273	275	62,436.34	63,181.22	213,295.76	4.00	41.00	27.00	259,162.23	1,709.90	58.53	259,162.23	51.00	4,000.00	0.52	437.26	0.00	0.00	188.91	703.20	30.37	0.00	0.00	0.00	7.04	11.00	494.86	29.00	1.00	11.00	4.00	1.00	14,895.99
1400	201	205	217	220	222	230	235	236	239	241	244	245	246	249	253	256	262	263	265	270	269	268	272	274	57,304.99	58,049.87	203,002.67	4.00	41.00	23.00	248,869.14	1,709.90	57.94	248,869.14	54.00	4,000.00	0.52	437.26	0.00	0.00	188.91	667.87	30.37	0.00	0.00	0.00	7.62	12.00	471.02	29.00	1.00	11.00	4.00	1.00	14,895.99
1401	201	205	217	220	222	230	235	236	239	241	244	245	246	249	253	256	262	263	265	270	269	268	272	274	23,000.54	23,745.42	176,434.18	4.00	39.00	21.00	242,886.20	1,709.90	57.94	242,886.20	45.00	4,000.00	0.52	418.11	0.00	0.00	188.91	647.31	0.00	0.00	0.00	0.00	6.71	12.00	464.15	21.00	0.00	9.00	3.00	0.00	52,768.10
1402	201	205	217	220	222	230	235	236	239	241	244	245	246	249	253	256	262	263	265	270																																			

1505	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	268	272	274	275	66,718.89	27,455.74	233,169.72	5.00	46.00	22.00	250,003.64	753.88	59.29	255,003.64	60.00	2,908.87	3.29	348.36	59.38	637.34	0.00	0.00	0.00	7.54	4.00	421.75	17.00	0.00	5.00	7.00	0.00	0.00	2,242.36		
1506	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	268	272	274	275	71,850.24	32,646.51	254,977.14	5.00	46.00	22.00	254,977.14	753.88	59.28	254,977.14	57.00	2,645.50	3.29	348.31	59.38	637.24	0.00	0.00	0.00	6.96	3.00	420.95	17.00	0.00	5.00	7.00	0.00	0.00	2,242.36		
1507	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	269	271	272	273	75,180.72	28,689.03	228,736.65	5.00	46.00	28.00	265,706.86	753.88	58.12	265,706.86	58.00	2,908.87	3.29	366.71	59.38	674.03	0.00	0.00	0.00	7.98	3.00	459.76	17.00	0.00	5.00	7.00	0.00	0.00	2,242.36		
1508	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	269	271	272	273	70,049.37	23,498.26	238,443.57	5.00	46.00	24.00	255,413.78	753.88	59.52	255,413.78	61.00	2,908.87	3.29	366.71	59.38	638.70	0.00	0.00	0.00	7.98	3.00	453.92	17.00	0.00	5.00	7.00	0.00	0.00	2,242.36		
1509	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	269	271	272	273	57,498.79	23,707.61	235,207.77	5.00	43.00	23.00	258,616.65	753.88	58.81	258,616.65	56.00	2,908.87	3.29	357.77	59.38	650.16	0.00	0.00	0.00	7.42	4.00	429.70	16.00	0.00	6.00	7.00	0.00	0.00	2,242.36		
1510	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	269	271	272	273	65,300.14	45,912.98	235,680.57	3.00	43.00	22.00	258,051.14	753.88	58.81	258,051.14	33.00	2,908.87	3.29	354.77	59.38	650.06	0.00	0.00	0.00	7.42	4.00	429.70	16.00	0.00	5.00	6.00	0.00	0.00	15,504.00		
1511	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	269	271	272	273	65,960.62	41,946.04	241,264.69	3.00	43.00	26.00	259,072.98	753.88	58.85	259,072.98	54.00	2,908.87	3.29	355.44	59.38	651.51	0.00	0.00	0.00	7.42	3.00	426.35	16.00	0.00	5.00	6.00	1.00	0.00	15,504.00		
1512	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	269	271	272	273	60,829.27	36,755.28	230,971.60	3.00	43.00	22.00	248,779.89	753.88	58.85	248,779.89	57.00	2,908.87	3.29	337.78	59.38	616.18	0.00	0.00	0.00	7.35	2.00	432.51	16.00	0.00	5.00	6.00	1.00	0.00	15,504.00		
1513	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	268	272	274	275	38,526.26	30,760.11	206,114.05	3.00	46.00	20.00	249,989.11	753.88	63.25	259,048.11	62.00	2,908.87	3.29	274.48	59.38	548.97	0.00	0.00	0.00	14.23	4.00	432.45	15.00	0.00	5.00	5.00	0.00	1.00	24,221.45		
1514	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	268	272	274	275	43,657.61	64,951.48	205,087.55	3.00	46.00	20.00	259,021.62	753.88	63.79	259,021.62	59.00	2,908.87	3.29	274.44	59.38	548.88	0.00	0.00	0.00	13.65	3.00	431.65	15.00	0.00	5.00	5.00	0.00	1.00	24,221.45		
1515	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	268	272	274	275	46,988.09	60,984.68	211,671.67	3.00	46.00	24.00	259,469.45	753.88	60.00	259,469.45	60.00	2,908.87	3.29	275.16	59.38	550.32	0.00	0.00	0.00	13.58	1.00	459.10	15.00	0.00	5.00	5.00	1.00	2.00	24,221.45		
1516	200	202	203	205	207	208	209	212	215	254	257	261	263	264	267	268	272	274	275	41,856.74	55,793.91	201,378.58	3.00	46.00	20.00	249,176.36	753.88	59.43	249,176.36	63.00	2,908.87	3.29	257.50	59.38	514.99	0.00	0.00	0.00	14.16	2.00	435.26	15.00	0.00	5.00	5.00	1.00	2.00	24,221.45		
1517	200	202	203	205	207	216	235	236	239	240	245	262	263	265	270	269	268	272	274	275	52,213.85	47,234.01	219,822.91	4.00	44.00	23.00	255,692.91	753.88	61.00	255,692.91	56.00	6,891.04	0.00	0.00	153.18	727.04	0.00	0.00	8.16	4.00	471.17	24.00	1.00	9.00	3.00	0.00	0.00	2.00	2.00	22,186.83
1518	200	202	203	205	207	216	235	236	239	240	245	262	263	265	270	269	268	272	274	275	57,345.20	54,224.78	219,796.41	4.00	44.00	23.00	255,666.41	753.88	61.69	255,666.41	53.00	6,630.07	0.00	0.00	153.18	726.95	0.00	0.00	7.59	3.00	470.37	24.00	1.00	9.00	3.00	0.00	0.00	2.00	2.00	22,186.83
1519	200	202	203	205	207	216	235	236	239	240	245	262	263	265	270	271	272	273	274	60,675.69	58,457.98	225,380.91	4.00	44.00	27.00	256,114.24	753.88	61.29	256,114.24	54.00	7,312.02	0.00	0.00	153.18	728.39	0.00	0.00	7.52	1.00	497.82	24.00	1.00	9.00	3.00	1.00	0.00	0.00	2.00	22,186.83	
1520	200	202	203	205	207	216	235	236	239	240	245	262	263	265	270	271	272	273	274	55,544.34	43,267.21	215,087.44	4.00	44.00	23.00	245,811.15	753.88	57.33	245,811.15	57.00	7,577.39	0.00	0.00	153.18	693.06	0.00	0.00	8.10	2.00	473.88	24.00	1.00	9.00	3.00	1.00	0.00	0.00	2.00	22,186.83	
1521	200	202	203	205	207	216	235	236	239	240	245	262	264	267	268	272	274	275	61,433.96	33,259.77	215,285.55	4.00	45.00	23.00	251,336.98	753.88	62.37	251,336.98	60.00	7,000.09	0.00	0.00	153.18	712.04	0.00	0.00	8.29	4.00	461.80	25.00	1.00	9.00	4.00	0.00	0.00	0.00	1.00	8,217.24		
1522	200	202	203	205	207	216	235	236	239	240	245	262	264	267	268	273	275	66,565.31	38,450.53	217,259.05	4.00	45.00	23.00	251,310.49	753.88	62.96	251,310.49	57.00	6,734.72	0.00	0.00	153.18	711.95	0.00	0.00	7.71	3.00	461.00	25.00	1.00	9.00	4.00	0.00	0.00	0.00	1.00	8,217.24			
1523	200	202	203	205	207	216	235	236	239	240	245	262	264	267	269	271	272	273	274	69,895.79	34,493.05	212,852.49	4.00	45.00	29.00	262,040.21	753.88	59.20	262,040.21	58.00	4,116.68	0.00	0.00	153.18	748.74	0.00	0.00	8.12	3.00	499.81	25.00	1.00	9.00	4.00	1.00	0.00	0.00	1.00	8,217.24	
1524	200	202	203	205	207	216	235	236	239	240	245	262	264	267	269	271	272	273	274	64,764.44	29,029.29	212,559.40	4.00	45.00	25.00	251,747.12	753.88	58.60	251,747.12	61.00	7,682.05	0.00	0.00	153.18	713.41	0.00	0.00	8.70	4.00	475.97	25.00	1.00	9.00	4.00	0.00	0.00	0.00	1.00	8,217.24	
1525	200	202	203	205	207	216	235	236	239	240	246	248	252	256	262	263	265	270	269	268	30,460.00	71,136.53	185,991.67	4.00	43.00	21.00	255,764.19	753.88	58.58	255,764.19	52.00	6,820.29	0.00	0.00	153.18	692.91	0.00	0.00	7.79	4.00	469.13	17.00	0.00	5.00	4.00	0.00	0.00	0.00	1.00	46,089.35
1526	200	202	203	205	207	216	235	236	239	240	246	248	252	256	262	263	265	270	269	268	35,591.34	76,327.30	185,965.17	4.00	43.00	21.00	245,737.69	753.88	59.17	245,737.69	49.00	4,414.92	0.00	0.00	153.18	692.82	0.00	0.00	7.21	3.00	468.33	17.00	0.00	5.00	4.00	0.00	0.00	0.00	1.00	46,089.35
1527	200	202	203	205	207	216	235	236	239	240	246	248	252	256	262	263	265	270	271	272	38,921.83	72,360.50	185,965.17	4.00	43.00	25.00	246,185.52	753.88	58.40	246,185.52	50.00	5,096.87	0.00	0.00	153.18	694.26	0.00	0.00	7.15	1.00	495.77	17.00	0.00	5.00	4.00	0.00	0.00	0.00	1.00	46,089.35
1528	200	202	203	205	207	216	235	236	239	240	246	248	252	256	262	263	265	270	271	272	33,790.48	67,169.73	181,256.20	4.00	43.00	21.00	238,842.93	753.88	58.81	238,842.93	53.00	3,362.24	0.00	0.00	153.18	658.93	0.00	0.00	7.72	2.00	471.94	17.00	0.00	7.00	3.00	1.00	0.00	0.00	1.00	46,089.35
1529	200	202	203	205	207	216	235	236	239	240	246	248	252	256	262	264	267	268	272	274	39,680.10	57,162.29	185,454.52	4.00	44.00	21.00	241,498.27	753.88	59.85	241,498.27	56.00	4,784.94	0.00	0.00	153.18	677.91	0.00	0.00	7.91	4.00	459.75	18.00	0.00	7.00	4.00	0.00	0.00	0.00	1.00	32,119.76
1530	200	202	203	205	207	216	235	236	239	240	246	248	252	256	262	264	267	268	272	273	44,811.45	62,353.05	183,427.82	4.00	44.00	21.00	241,381.77	753.88	60.44	241,381.77																				

1631	202	203	205	207	216	235	236	239	241	244	246	249	253	257	259	260	270	271	272	273	275	56,345.85	30,685.21	245,574.89	5.00	50.00	30.00	262,688.93	753.88	70.56	262,688.93	54.00	4,835.21	0.00	452.06	0.00	0.00	154.43	749.68	0.00	0.00	0.00	8.47	1.00	519.09	23.00	0.00	9.00	5.00	1.00	2.00	1.00	8,567.16		
1632	202	203	205	207	216	235	236	239	241	244	246	249	253	257	259	260	270	271	272	273	275	51,214.50	25,494.44	252,395.84	5.00	50.00	26.00	252,395.84	753.88	69.97	252,395.84	57.00	4,800.58	0.00	434.39	0.00	0.00	154.43	714.35	0.00	0.00	0.00	9.05	2.00	495.25	23.00	0.00	9.00	5.00	1.00	2.00	1.00	8,567.16		
1633	202	203	205	207	216	235	236	239	241	244	246	249	253	257	259	260	270	271	272	273	275	59,129.95	40,298.69	213,569.40	5.00	48.00	28.00	252,517.36	753.88	64.56	252,517.36	59.00	4,800.58	0.00	434.42	0.00	0.00	154.43	714.50	0.00	0.00	0.00	8.02	4.00	474.73	20.00	0.00	7.00	4.00	1.00	2.00	1.00	8,921.11		
1634	202	203	205	207	216	235	236	239	241	244	246	249	253	257	259	260	270	271	272	273	275	64,281.30	45,489.44	213,540.86	5.00	48.00	28.00	252,490.86	753.88	65.15	252,490.86	56.00	4,800.58	0.00	434.42	0.00	0.00	154.43	714.41	0.00	0.00	0.00	7.44	3.00	473.93	20.00	0.00	7.00	4.00	1.00	2.00	1.00	8,921.11		
1635	202	203	205	207	216	235	236	239	241	244	246	249	253	257	259	260	270	271	272	273	275	69,591.79	44,531.98	213,540.86	5.00	48.00	28.00	252,490.86	753.88	61.88	252,490.86	57.00	4,800.58	0.00	451.21	0.00	0.00	154.43	714.87	0.00	0.00	0.00	7.86	3.00	474.24	20.00	0.00	7.00	4.00	1.00	2.00	1.00	8,921.11		
1636	202	203	205	207	216	235	236	239	241	244	246	249	253	257	259	260	270	271	272	273	275	62,440.44	43,565.02	213,540.86	5.00	48.00	30.00	252,517.36	753.88	63.79	252,517.36	57.00	4,800.58	0.00	435.15	0.00	0.00	154.43	714.87	0.00	0.00	0.00	8.00	4.00	488.00	20.00	0.00	7.00	4.00	1.00	2.00	1.00	8,921.11		
1637	202	203	205	207	216	235	236	239	241	244	246	249	253	257	259	260	270	271	272	273	275	49,909.85	33,565.02	213,540.86	5.00	45.00	30.00	256,165.37	753.88	60.29	256,165.37	55.00	4,059.64	0.00	400.87	0.00	0.00	154.43	727.32	0.00	0.00	0.00	7.90	4.00	482.68	20.00	0.00	7.00	5.00	0.00	2.00	1.00	2.00	1.00	22,182.79
1638	202	203	205	207	216	235	236	239	241	244	246	249	253	257	259	260	270	271	272	273	275	55,041.20	38,755.79	216,080.25	5.00	45.00	30.00	256,138.87	753.88	63.88	256,138.87	52.00	3,794.27	0.00	400.83	0.00	0.00	154.43	727.32	0.00	0.00	0.00	7.32	3.00	481.88	20.00	0.00	7.00	5.00	0.00	2.00	1.00	2.00	1.00	22,182.79
1639	202	203	205	207	216	235	236	239	241	244	246	249	253	257	259	260	270	271	272	273	275	48,371.68	34,788.99	216,080.25	5.00	45.00	32.00	256,586.71	753.88	60.11	256,586.71	53.00	4,476.22	0.00	411.55	0.00	0.00	154.43	728.67	0.00	0.00	0.00	7.26	1.00	509.33	19.00	0.00	7.00	5.00	1.00	2.00	1.00	22,182.79		
1640	202	203	205	207	216	235	236	239	241	244	246	249	253	257	259	260	270	271	272	273	275	53,240.33	49,598.23	211,371.28	5.00	45.00	34.00	246,293.62	753.88	59.52	246,293.62	56.00	4,741.59	0.00	423.88	0.00	0.00	154.43	693.34	0.00	0.00	0.00	7.83	2.00	485.49	19.00	0.00	7.00	5.00	1.00	2.00	1.00	22,182.79		
1641	202	203	205	207	216	235	236	242	247	254	255	256	262	263	265	270	269	268	272	274	275	50,500.81	38,800.55	209,597.57	4.00	43.00	28.00	250,902.45	753.88	58.71	250,902.45	51.00	3,607.19	0.00	435.29	0.00	0.00	154.43	667.35	0.00	0.00	0.00	7.58	4.00	438.08	18.00	0.00	7.00	4.00	1.00	2.00	1.00	29,621.71		
1642	202	203	205	207	216	235	236	242	247	254	255	256	262	263	265	270	269	268	273	275	55,632.16	43,991.32	209,571.07	4.00	43.00	24.00	252,875.95	753.88	59.30	252,875.95	48.00	2,801.82	0.00	435.29	0.00	0.00	154.43	667.26	0.00	0.00	0.00	7.00	3.00	437.26	18.00	0.00	7.00	4.00	1.00	2.00	1.00	29,621.71			
1643	202	203	205	207	216	235	236	242	247	254	255	256	262	263	265	270	271	272	273	275	58,962.64	40,024.52	215,511.07	4.00	43.00	24.00	253,323.78	753.88	55.33	253,323.78	49.00	3,483.77	0.00	435.97	0.00	0.00	154.43	667.26	0.00	0.00	0.00	6.93	1.00	464.72	18.00	0.00	7.00	4.00	2.00	1.00	2.00	1.00	29,621.71		
1644	202	203	205	207	216	235	236	242	247	254	255	256	262	263	265	270	271	272	273	275	53,831.29	34,833.75	204,862.10	4.00	43.00	24.00	243,030.69	753.88	54.94	243,030.69	52.00	3,749.14	0.00	418.30	0.00	0.00	154.43	693.38	0.00	0.00	0.00	7.51	2.00	440.88	18.00	0.00	7.00	4.00	2.00	1.00	2.00	1.00	29,621.71		
1645	202	203	205	207	216	235	236	242	247	254	255	256	262	264	267	268	272	274	275	59,720.91	24,826.31	207,062.11	4.00	44.00	24.00	248,546.53	753.88	54.98	248,546.53	52.00	3,171.84	0.00	427.79	0.00	0.00	154.43	652.35	0.00	0.00	0.00	7.70	4.00	428.70	18.00	0.00	7.00	4.00	2.00	1.00	2.00	1.00	15,652.13			
1646	202	203	205	207	216	235	236	242	247	254	255	256	262	264	267	268	273	275	64,852.36	30,017.07	207,033.72	4.00	44.00	24.00	248,520.03	753.88	60.57	248,520.03	52.00	2,906.47	0.00	427.75	0.00	0.00	154.43	652.26	0.00	0.00	0.00	7.12	3.00	427.90	19.00	0.00	7.00	5.00	1.00	2.00	1.00	15,652.13					
1647	202	203	205	207	216	235	236	242	247	254	255	256	262	264	267	269	271	272	273	275	68,182.74	26,059.59	212,627.11	4.00	44.00	30.00	259,249.75	753.88	56.80	259,249.75	53.00	3,588.42	0.00	446.14	0.00	0.00	154.43	689.05	0.00	0.00	0.00	7.54	3.00	466.70	19.00	0.00	7.00	5.00	2.00	1.00	2.00	1.00	15,652.13		
1648	202	203	205	207	216	235	236	242	247	254	255	256	262	264	267	269	271	272	273	275	63,051.39	20,868.83	202,334.06	4.00	44.00	26.00	248,956.67	753.88	56.21	248,956.67	56.00	3,853.79	0.00	428.48	0.00	0.00	154.43	653.72	0.00	0.00	0.00	8.11	4.00	442.87	18.00	0.00	7.00	5.00	2.00	1.00	2.00	1.00	15,652.13		
1649	202	203	205	207	216	235	236	242	247	254	257	259	260	270	269	268	272	274	275	63,805.08	11,067.25	200,555.05	3.00	49.00	26.00	267,127.13	753.88	70.95	267,127.13	55.00	4,209.96	0.00	456.28	0.00	0.00	154.43	709.34	0.00	0.00	0.00	8.88	4.00	457.28	24.00	0.00	7.00	6.00	1.00	2.00	1.00	1,888.41				
1650	202	203	205	207	216	235	236	242	247	254	257	259	260	270	269	268	273	275	68,936.43	16,258.02	249,529.05	3.00	49.00	30.00	265,100.63	753.88	71.55	265,100.63	52.00	3,317.59	0.00	456.24	0.00	0.00	154.43	709.25	0.00	0.00	0.00	8.30	3.00	456.48	24.00	0.00	7.00	6.00	1.00	2.00	1.00	1,888.41					
1651	202	203	205	207	216	235	236	242	247	254	257	259	260	270	271	272	273	275	72,266.91	12,291.22	255,113.03	3.00	49.00	26.00	265,548.46	753.88	67.78	265,548.46	53.00	3,137.54	0.00	456.96	0.00	0.00	154.43	710.69	0.00	0.00	0.00	8.24	1.00	488.93	24.00	0.00	9.00	6.00	1.00	2.00	1.00	1,888.41					
1652	202	203	205	207	216	235	236	242	247	254	257	259	260	270	271	272	273	275	67,135.57	7,100.45	244,820.08	3.00	49.00	28.00	255,253.37	753.88	67.19	255,253.37	56.00	4,084.91	0.00	439.30	0.00	0.00	154.43	675.36	0.00	0.00	0.00	8.81	2.00	460.09	24.00	0.00	9.00	6.00	1.00	2.00	1.00	1,888.41					
1653	202	203	205	207	216	235	236	242	247	254	257	259	260	270	271	272	273	275	75,051.02	21,904.70	223,107.82	5.00	47.00	28.00	255,376.89	753.88	61.78	255,376.89	58.00	3,448.63	0.00	439.37	0.00	0.00	154.43	675.50	0.00	0.00	0.00	7.78	4.00	439.57	21.00	0.00	7.00	7.00	0.00	2.00	1.00	2.00	1.00	2,242.36			
1654	202	203	205	207	216	235	236	242	247	254	257	259	260	270	269	268	272	274	275	80,182.37	27,095.47	223,081.18	5.00	47.00	28.00	255,350.40	753.88	62.37	255,350.40	55.00	3,185.26	0.00	439.32	0.00	0.00	154.43	675.41	0.00	0.00	0.00	7.21	3.00	438.77	21.00	0.00	7.00	7.00	0.00							

1757	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	259	260	270	269	268	272	274	275	50,185.60	46,879.57	214,243.68	6.00	47.00	22.00	251,469.32	1,035.18	87.12	251,469.32	51.00	6,572.97	0.06	432.88	0.00	108.17	757.59	0.00	0.00	8.02	5.00	464.31	20.00	0.00	8.00	4.00	0.00	1.00	33,978.26		
1758	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	259	260	270	269	268	272	274	275	53,316.95	52,070.34	214,243.68	6.00	47.00	22.00	251,442.82	1,035.18	87.12	251,442.82	48.00	6,307.60	0.06	432.84	0.00	108.17	757.50	0.00	0.00	7.44	5.00	463.51	20.00	0.00	8.00	4.00	0.00	1.00	33,978.26		
1759	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	259	260	270	271	272	273	275	58,647.43	48,103.54	219,800.78	6.00	47.00	22.00	251,890.65	1,035.18	83.94	251,890.65	49.00	6,474.92	0.06	433.56	0.00	108.17	758.94	0.00	0.00	7.37	2.00	490.96	20.00	0.00	8.00	4.00	0.00	1.00	33,978.26			
1760	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	259	260	270	271	272	273	275	53,516.08	42,912.78	205,907.80	6.00	47.00	22.00	241,597.56	1,035.18	83.95	241,597.56	52.00	6,149.92	0.06	433.59	0.00	108.17	723.61	0.00	0.00	7.95	3.00	467.12	20.00	0.00	8.00	4.00	0.00	1.00	33,978.26			
1761	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	261	263	264	267	268	272	274	275	61,431.54	57,717.00	217,919.08	6.00	45.00	24.00	241,719.08	1,035.18	79.84	241,719.08	54.00	6,444.64	0.06	415.86	0.00	108.17	744.60	0.00	0.00	7.90	5.00	446.80	17.00	0.00	8.00	5.00	0.00	1.00	33,978.26		
1762	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	261	263	264	267	268	273	275	45,562.89	40,787.99	187,768.38	6.00	45.00	24.00	241,692.58	1,035.18	78.54	241,692.58	51.00	6,025.97	0.06	415.97	0.00	108.17	732.66	0.00	0.00	6.92	4.00	445.61	17.00	0.00	8.00	5.00	0.00	1.00	34,332.22			
1763	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	261	263	264	267	269	271	272	273	69,893.37	58,950.31	219,362.25	6.00	45.00	24.00	252,422.31	1,035.18	74.77	252,422.31	52.00	7,035.22	0.06	434.31	0.00	108.17	760.45	0.00	0.00	6.76	4.00	484.61	17.00	0.00	8.00	5.00	0.00	1.00	34,332.22		
1764	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	261	263	264	267	269	271	274	275	46,762.03	33,759.54	183,069.16	6.00	45.00	24.00	242,129.22	1,035.18	74.18	242,129.22	55.00	7,300.59	0.06	416.65	0.00	108.17	725.12	0.00	0.00	7.34	5.00	460.77	17.00	0.00	8.00	5.00	0.00	1.00	34,332.22		
1765	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	261	263	265	270	269	268	272	274	275	52,211.44	40,983.36	210,963.66	6.00	42.00	24.00	245,367.09	1,035.18	76.67	245,367.09	50.00	6,533.99	0.06	422.37	0.00	108.17	736.57	0.00	0.00	6.80	5.00	454.56	16.00	0.00	8.00	4.00	0.00	1.00	47,593.89	
1766	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	261	265	270	269	268	273	275	57,342.70	76,174.12	190,306.16	6.00	42.00	24.00	245,340.59	1,035.18	77.27	245,340.59	47.00	6,248.62	0.06	422.33	0.00	108.17	736.48	0.00	0.00	6.22	4.00	453.76	16.00	0.00	8.00	4.00	0.00	1.00	47,593.89			
1767	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	261	265	270	271	272	273	275	60,673.27	72,207.33	195,820.80	6.00	42.00	24.00	245,788.43	1,035.18	73.50	245,788.43	48.00	6,930.57	0.06	423.05	0.00	108.17	737.92	0.00	0.00	6.16	2.00	440.20	16.00	0.00	8.00	4.00	0.00	1.00	47,593.89			
1768	202	203	205	217	219	221	222	229	231	232	233	237	239	241	243	249	253	257	261	265	270	271	272	273	275	55,541.92	67,016.56	185,057.19	6.00	42.00	24.00	235,495.34	1,035.18	72.91	235,495.34	51.00	7,195.94	0.06	405.38	0.00	108.17	702.60	0.00	0.00	6.74	3.00	457.36	16.00	0.00	8.00	4.00	0.00	1.00	47,593.89			
1769	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	245	262	263	265	270	269	268	272	274	275	54,515.44	65,520.22	191,052.70	6.00	42.00	24.00	244,138.13	1,035.18	77.76	244,138.13	50.00	8,399.49	0.06	422.15	0.00	108.17	732.45	0.00	0.00	6.96	5.00	442.94	21.00	1.00	8.00	2.00	0.00	1.00	49,838.18			
1770	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	245	262	263	265	270	269	268	273	275	59,646.79	70,710.98	191,025.57	6.00	42.00	24.00	244,111.63	1,035.18	77.86	244,111.63	47.00	8,128.13	0.06	422.10	0.00	108.17	732.36	0.00	0.00	6.38	4.00	442.14	21.00	0.00	8.00	2.00	0.00	1.00	49,838.18				
1771	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	245	262	263	265	270	271	272	273	275	62,977.27	66,744.19	196,609.69	6.00	42.00	24.00	244,559.46	1,035.18	74.09	244,559.46	48.00	8,810.08	0.06	422.82	0.00	108.17	733.80	0.00	0.00	6.32	2.00	469.59	21.00	1.00	8.00	2.00	0.00	1.00	49,838.18				
1772	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	245	262	263	265	270	271	272	273	275	57,845.92	61,533.42	186,316.61	6.00	42.00	24.00	234,266.37	1,035.18	73.50	234,266.37	51.00	9,075.45	0.06	422.10	0.00	108.17	698.47	0.00	0.00	6.89	3.00	445.75	21.00	1.00	8.00	2.00	0.00	1.00	49,838.18				
1773	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	245	262	264	267	268	272	274	275	63,735.54	51,545.97	194,888.12	6.00	43.00	20.00	239,782.21	1,035.18	78.54	239,782.21	54.00	8,498.15	0.06	422.10	0.00	108.17	717.45	0.00	0.00	7.08	5.00	433.57	22.00	1.00	8.00	3.00	0.00	1.00	35,868.59					
1774	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	245	262	264	267	268	273	275	68,866.89	56,736.74	188,488.22	6.00	43.00	20.00	239,755.71	1,035.18	79.13	239,755.71	51.00	8,232.78	0.06	422.10	0.00	108.17	717.36	0.00	0.00	6.50	4.00	432.77	22.00	1.00	8.00	3.00	0.00	1.00	35,868.59						
1775	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	245	262	264	267	269	271	272	273	275	72,197.37	52,779.26	194,888.12	6.00	43.00	20.00	250,485.43	1,035.18	79.36	250,485.43	52.00	9,184.73	0.06	422.10	0.00	108.17	754.15	0.00	0.00	6.92	4.00	471.58	22.00	1.00	8.00	3.00	0.00	1.00	35,868.59				
1776	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	245	262	264	267	269	271	272	273	275	67,066.02	47,588.49	183,788.57	6.00	43.00	22.00	240,192.34	1,035.18	74.77	240,192.34	55.00	9,180.10	0.06	422.10	0.00	108.17	718.82	0.00	0.00	7.50	5.00	447.74	22.00	1.00	8.00	3.00	0.00	1.00	35,868.59				
1777	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	269	268	272	274	275	32,761.58	89,422.74	157,230.60	6.00	41.00	20.00	234,209.41	1,035.18	74.74	234,209.41	46.00	6,178.34	0.06	403.21	0.00	108.17	698.25	0.00	0.00	6.58	5.00	440.87	14.00	0.00	8.00	2.00	0.00	1.00	73,740.70
1778	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	269	268	273	275	37,892.93	94,613.50	157,194.34	6.00	41.00	20.00	234,182.91	1,035.18	75.33	234,182.91	43.00	5,912.97	0.06	403.17	0.00	108.17	698.16	0.00	0.00	6.01	4.00	440.07	14.00	0.00	8.00	2.00	0.00	1.00	73,740.70	
1779	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	271	272	273	41,234.41	90,646.71	162,778.46	6.00	41.00	24.00	234,630.74	1,035.18	71.57	234,630.74	44.00	6,594.93	0.06	403.89	0.00	108.17	699.60	0.00	0.00	5.94	2.00	467.52	14.00	0.00	8.00	2.00	0.00	1.00	73,740.70		
1780	202	203	205	217	219	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	26																																			

Table with columns for year, month, day, and various numerical values. Includes a 'PUBLIC' watermark and 'Exhibit JP-2' labels.

2009	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	255	256	262	263	265	270	269	268	272	274	275	31,735.56	54,668.89	206,363.71	6.00	43.00	20.00	252,272.33	1,035.18	64.11	252,272.33	46.00	4,466.19	0.73	434.26	0.00	0.00	141.94	726.59	0.00	0.00	0.00	6.29	5.00	451.20	13.00	0.00	6.00	1.00	1.00	0.00	29,621.71	
2010	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	255	256	262	263	265	270	269	268	272	274	275	38,866.91	59,859.66	206,363.71	6.00	43.00	20.00	252,272.33	1,035.18	64.70	252,272.33	43.00	4,200.82	0.73	434.22	0.00	0.00	141.94	726.50	0.00	0.00	5.71	4.00	450.40	13.00	0.00	6.00	1.00	1.00	0.00	29,621.71		
2011	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	255	256	262	263	265	270	271	272	273	275	40,197.39	55,892.86	211,920.83	6.00	43.00	20.00	252,693.66	1,035.18	60.94	252,693.66	44.00	4,170.77	0.73	434.94	0.00	0.00	141.94	727.94	0.00	0.00	5.65	2.00	477.85	13.00	0.00	6.00	1.00	1.00	0.00	29,621.71			
2012	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	255	256	262	263	265	270	271	272	273	275	33,068.04	50,702.10	201,927.80	6.00	43.00	20.00	242,400.57	1,035.18	60.34	242,400.57	47.00	3,940.70	0.73	437.48	0.00	0.00	141.94	692.61	0.00	0.00	6.23	3.00	454.01	13.00	0.00	6.00	1.00	1.00	0.00	29,621.71			
2013	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	255	256	262	263	265	270	269	268	272	274	275	40,955.69	64,994.65	209,825.88	6.00	44.00	20.00	247,916.41	1,035.18	65.38	247,916.41	50.00	4,139.58	0.73	426.36	0.00	0.00	141.94	711.59	0.00	0.00	6.44	5.00	444.83	14.00	0.00	6.00	1.00	1.00	0.00	15,652.13		
2014	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	255	256	262	263	265	270	269	268	272	274	275	45,887.02	75,889.91	207,799.36	6.00	44.00	20.00	247,889.91	1,035.18	65.97	247,889.91	47.00	4,135.47	0.73	426.72	0.00	0.00	141.94	710.59	0.00	0.00	5.84	4.00	441.93	14.00	0.00	6.00	1.00	1.00	0.00	15,652.13		
2015	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	255	256	262	263	265	270	269	268	272	274	275	49,417.49	81,827.69	209,292.72	6.00	44.00	20.00	258,619.63	1,035.18	62.21	258,619.63	48.00	4,987.42	0.73	445.11	0.00	0.00	141.94	748.29	0.00	0.00	6.25	4.00	479.84	16.00	0.00	2.00	2.00	1.00	1.00	0.00	15,652.13	
2016	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	255	256	262	263	265	270	269	268	272	274	275	44,286.14	36,737.17	199,099.71	6.00	44.00	22.00	248,326.54	1,035.18	61.61	248,326.54	51.00	5,252.79	0.73	427.45	0.00	0.00	141.94	712.96	0.00	0.00	6.83	5.00	456.00	13.00	0.00	2.00	2.00	1.00	1.00	0.00	15,652.13	
2017	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	255	256	262	263	265	270	269	268	272	274	275	45,039.83	26,935.59	246,321.91	6.00	49.00	20.00	264,497.01	1,035.18	76.36	264,497.01	50.00	4,809.93	0.73	452.28	0.00	0.00	141.94	768.63	0.00	0.00	7.60	5.00	470.46	19.00	0.00	8.00	3.00	0.00	1.00	1.00	0.00	1,888.41
2018	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	257	259	260	270	269	268	273	275	50,171.18	32,126.36	245,294.69	6.00	49.00	20.00	264,470.51	1,035.18	76.95	264,470.51	47.00	4,536.59	0.73	452.24	0.00	0.00	141.94	768.54	0.00	0.00	7.02	4.00	469.66	19.00	0.00	8.00	3.00	0.00	1.00	1.00	0.00	1,888.41			
2019	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	257	259	260	270	269	268	273	275	53,501.66	28,159.56	245,878.81	6.00	49.00	24.00	264,918.34	1,035.18	73.18	264,918.34	48.00	5,218.54	0.73	455.96	0.00	0.00	141.94	769.98	0.00	0.00	6.00	5.00	467.66	19.00	0.00	8.00	3.00	0.00	1.00	2.00	1.00	0.00	1,888.41		
2020	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	257	259	260	270	269	268	273	275	48,370.31	22,968.79	241,585.72	6.00	49.00	20.00	254,625.25	1,035.18	72.59	254,625.25	51.00	5,483.91	0.73	438.30	0.00	0.00	141.94	734.65	0.00	0.00	7.53	3.00	473.26	19.00	0.00	8.00	3.00	0.00	1.00	2.00	1.00	0.00	1,888.41		
2021	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	257	261	263	264	267	268	272	274	275	56,285.77	37,773.04	219,873.04	7.00	47.00	22.00	254,746.77	1,035.18	72.59	254,746.77	53.00	4,847.63	0.73	438.77	0.00	0.00	141.94	734.80	0.00	0.00	6.50	5.00	472.74	16.00	0.00	6.00	4.00	0.00	0.00	2.00	1.00	0.00	2,242.36	
2022	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	257	261	263	264	267	268	273	275	61,417.12	42,963.81	219,846.82	7.00	47.00	22.00	254,720.27	1,035.18	67.77	254,720.27	50.00	4,582.26	0.73	438.32	0.00	0.00	141.94	734.71	0.00	0.00	5.92	4.00	451.94	16.00	0.00	6.00	4.00	0.00	0.00	2.00	1.00	0.00	2,242.36		
2023	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	257	261	263	264	267	269	271	272	273	275	64,747.60	39,006.33	225,440.20	7.00	47.00	21.00	265,450.00	1,035.18	64.01	265,450.00	51.00	5,264.21	0.73	456.20	0.00	0.00	141.94	771.49	0.00	0.00	6.34	4.00	490.75	16.00	0.00	6.00	4.00	0.00	0.00	2.00	1.00	0.00	2,242.36
2024	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	257	261	263	264	267	269	271	272	273	275	59,616.25	33,815.56	215,147.17	7.00	47.00	24.00	255,156.91	1,035.18	63.41	255,156.91	54.00	5,529.58	0.73	439.05	0.00	0.00	141.94	736.17	0.00	0.00	6.92	5.00	466.91	16.00	0.00	6.00	4.00	0.00	1.00	1.00	0.00	2,242.36	
2025	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	257	261	265	270	269	268	272	274	275	47,065.67	51,039.38	222,410.67	6.00	44.00	22.00	258,394.78	1,035.18	68.11	258,394.78	49.00	7,472.98	0.73	444.78	0.00	0.00	141.94	747.62	0.00	0.00	6.38	5.00	460.70	15.00	0.00	6.00	3.00	0.00	1.00	1.00	0.00	15,504.04		
2026	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	257	261	265	270	269	268	273	275	52,197.02	56,230.14	222,384.21	6.00	44.00	22.00	258,368.28	1,035.18	66.50	258,368.28	46.00	4,477.61	0.73	444.73	0.00	0.00	141.94	747.53	0.00	0.00	5.80	4.00	459.90	15.00	0.00	6.00	3.00	0.00	1.00	1.00	0.00	15,504.04			
2027	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	257	261	265	270	269	268	273	275	55,527.50	52,263.35	222,968.29	6.00	44.00	26.00	259,816.12	1,035.18	62.74	259,816.12	47.00	5,156.56	0.73	445.45	0.00	0.00	141.94	748.97	0.00	0.00	5.74	2.00	487.34	15.00	0.00	6.00	3.00	0.00	1.00	1.00	0.00	15,504.04			
2028	202	203	205	217	219	221	222	229	234	236	239	240	246	249	253	257	261	265	270	269	268	273	275	50,396.15	47,072.58	217,675.20	6.00	44.00	22.00	248,523.03	1,035.18	62.14	248,523.03	50.00	5,424.93	0.73	427.79	0.00	0.00	141.94	713.64	0.00	0.00	6.31	3.00	463.50	15.00	0.00	6.00	3.00	0.00	1.00	1.00	0.00	15,504.04			
2029	202	203	205	217	219	221	222	229	234	236	239	241	243	248	252	256	262	263	265	270	269	268	272	274	275	27,615.81	75,319.95	167,378.11	6.00	41.00	16.00	240,872.12	1,035.18	58.42	240,872.12	44.00	4,269.91	0.73	414.69	0.00	0.00	143.18	686.20	0.00	0.00	6.16	5.00	437.67	13.00	0.00	6.00	1.00	0.00	1.00	1.00	0.00	57,206.60	
2030	202	203	205	217	219	221	222	229	234	236	239	241	243	248	252	256	262	263	265	270	269	268	273	275	32,747.16	80,510.72	167,351.62	6.00	41.00	16.00	240,845.62	1,035.18	59.01	240,845.62	41.00	4,004.54	0.73	414.65	0.00	0.00	143.18	686.11	0.00	0.00	5.58	4.00	436.87	13.00	0.00	6.00	1.00	0.00	1.00	1.00	0.00	57,206.60		
2031	202	203	205	217	219	221	222	229	234	236	239	241	243	248	252	256	262	263	265	270	271	272	273	275	36,077.64	76,543.92	167,351.62	6.00	41.00	16.00	241,293.45	1,035.18</																										

Table with columns for year (2015-2026), month (01-12), and various numerical values. Includes 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

Table with columns for ID, coordinates, and numerical values. Includes 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

Exhibit JP-2

Exhibit JP-2

Table with columns for ID, Name, Address, City, State, Zip, and various numerical fields. Includes 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

Table with columns for ID, coordinates, and numerical values. Includes large 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

2639	202	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	269	271	272	273	275	45,297.75	58,395.57	186,155.96	4.00	43.00	23.00	251,850.43	1,928.23	53.17	251,850.43	45.00	5,201.53	0.73	433.50	0.00	0.00	0.00	6.04	11.00	471.95	15.00	0.00	6.00	3.00	1.00	1.00	32,119.76
2640	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	269	271	272	273	275	40,166.40	53,204.81	166,330.41	4.00	42.00	18.00	245,573.35	1,928.23	53.17	245,573.35	48.00	4,689.79	0.73	415.83	0.00	0.00	0.00	6.61	12.00	488.11	15.00	0.00	6.00	3.00	1.00	1.00	32,119.76	
2641	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	263	265	270	269	268	272	274	275	27,615.81	37,077.27	186,336.91	6.00	42.00	18.00	246,436.51	1,928.23	50.67	246,436.51	42.00	4,200.00	0.73	424.24	0.00	0.00	0.00	5.98	12.00	446.40	14.00	0.00	6.00	3.00	1.00	1.00	43,792.19
2642	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	263	265	270	269	268	272	274	275	32,747.16	75,468.04	186,330.41	6.00	42.00	18.00	246,410.01	1,928.23	55.66	246,410.01	39.00	4,600.00	0.73	424.24	0.00	0.00	0.00	5.98	12.00	445.80	14.00	0.00	6.00	3.00	1.00	1.00	43,792.19
2643	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	263	265	270	271	272	273	275	30,946.30	71,501.34	186,330.41	6.00	42.00	22.00	246,879.84	1,928.23	51.95	246,879.84	40.00	4,600.00	0.73	424.24	0.00	0.00	0.00	5.98	12.00	473.95	14.00	0.00	6.00	3.00	1.00	1.00	43,792.19	
2644	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	263	265	270	271	272	273	275	33,046.30	75,964.30	186,330.41	6.00	42.00	18.00	235,564.30	1,928.23	51.30	235,564.30	43.00	4,700.00	0.73	407.25	0.00	0.00	0.00	5.91	10.00	449.31	15.00	0.00	6.00	2.00	1.00	1.00	43,792.19	
2645	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	268	272	274	275	275	36,835.92	56,369.03	183,819.55	6.00	43.00	18.00	242,080.59	1,928.23	56.34	242,080.59	46.00	4,784.94	0.73	416.74	0.00	0.00	0.00	6.10	12.00	437.02	15.00	0.00	6.00	3.00	1.00	1.00	29,822.61	
2646	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	268	273	275	275	41,967.26	61,493.80	183,793.05	6.00	43.00	18.00	242,054.09	1,928.23	56.94	242,054.09	43.00	4,519.57	0.73	416.70	0.00	0.00	0.00	5.52	11.00	436.27	15.00	0.00	6.00	3.00	1.00	1.00	29,822.61		
2647	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	269	271	272	273	275	45,297.75	57,536.32	189,386.49	6.00	43.00	18.00	252,783.81	1,928.23	53.17	252,783.81	44.00	5,201.53	0.73	435.09	0.00	0.00	0.00	5.94	11.00	475.03	15.00	0.00	6.00	3.00	1.00	1.00	29,822.61	
2648	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	269	271	272	273	275	40,166.40	52,345.55	179,093.40	6.00	43.00	20.00	242,490.72	1,928.23	52.57	242,490.72	47.00	4,566.89	0.73	417.43	0.00	0.00	0.00	6.51	12.00	451.19	15.00	0.00	6.00	3.00	1.00	1.00	29,822.61	
2649	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	263	265	270	269	268	272	274	275	31,735.56	54,668.89	206,498.83	6.00	43.00	20.00	252,407.85	1,928.23	57.98	252,407.85	44.00	4,466.19	0.73	434.48	0.00	0.00	0.00	6.17	12.00	450.58	14.00	0.00	6.00	2.00	1.00	1.00	29,822.61
2650	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	263	265	270	269	268	273	275	38,866.91	59,859.66	206,472.62	6.00	43.00	20.00	252,381.35	1,928.23	58.57	252,381.35	41.00	4,200.82	0.73	434.45	0.00	0.00	0.00	5.59	11.00	449.76	14.00	0.00	6.00	2.00	1.00	1.00	29,822.61	
2651	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	263	265	270	271	272	273	275	40,197.89	55,892.86	212,056.33	6.00	43.00	24.00	252,829.18	1,928.23	54.81	252,829.18	42.00	4,882.77	0.73	435.17	0.00	0.00	0.00	5.53	9.00	477.23	14.00	0.00	6.00	2.00	1.00	1.00	29,822.61	
2652	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	263	265	270	271	272	273	275	35,066.04	50,702.10	201,763.26	6.00	43.00	20.00	242,536.09	1,928.23	54.21	242,536.09	45.00	5,148.14	0.73	417.50	0.00	0.00	0.00	6.10	12.00	453.39	14.00	0.00	6.00	2.00	1.00	1.00	29,822.61	
2653	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	268	272	274	275	275	40,955.66	40,694.65	203,961.26	6.00	43.00	20.00	248,051.93	1,928.23	59.25	248,051.93	48.00	5,074.84	0.73	426.99	0.00	0.00	0.00	6.29	12.00	441.21	15.00	0.00	6.00	3.00	1.00	1.00	15,652.13	
2654	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	268	273	275	275	46,087.01	45,885.42	203,934.88	6.00	44.00	20.00	248,025.43	1,928.23	59.85	248,025.43	45.00	4,305.47	0.73	426.95	0.00	0.00	0.00	5.71	11.00	440.40	15.00	0.00	6.00	3.00	1.00	1.00	15,652.13		
2655	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	269	271	272	273	275	49,417.49	41,927.94	209,528.82	6.00	44.00	26.00	258,755.15	1,928.23	58.27	258,755.15	46.00	4,987.42	0.73	445.34	0.00	0.00	0.00	6.13	11.00	479.21	15.00	0.00	6.00	3.00	2.00	1.00	15,652.13	
2656	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	269	271	272	273	275	44,286.14	36,737.17	199,235.23	6.00	44.00	22.00	248,462.07	1,928.23	55.48	248,462.07	49.00	5,252.79	0.73	427.68	0.00	0.00	0.00	6.71	12.00	455.37	15.00	0.00	6.00	3.00	2.00	1.00	15,652.13	
2657	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	269	271	272	273	275	45,039.83	26,935.59	203,934.88	6.00	49.00	20.00	264,632.53	1,928.23	70.23	264,632.53	48.00	4,801.96	0.73	455.51	0.00	0.00	0.00	7.47	12.00	469.83	20.00	0.00	6.00	4.00	2.00	1.00	1,888.41	
2658	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	269	271	272	273	275	50,171.18	32,126.36	246,430.22	6.00	49.00	20.00	264,606.03	1,928.23	70.82	264,606.03	45.00	4,536.59	0.73	455.47	0.00	0.00	0.00	6.90	11.00	469.03	20.00	0.00	6.00	4.00	2.00	1.00	1,888.41	
2659	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	269	271	272	273	275	53,501.66	28,159.56	252,034.12	6.00	49.00	24.00	265,053.86	1,928.23	67.06	265,053.86	46.00	5,218.54	0.73	456.19	0.00	0.00	0.00	6.83	9.00	496.48	20.00	0.00	6.00	4.00	2.00	1.00	1,888.41	
2660	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	264	267	269	271	272	273	275	48,370.31	22,968.79	241,721.25	6.00	49.00	20.00	254,760.78	1,928.23	66.46	254,760.78	49.00	5,483.91	0.73	438.52	0.00	0.00	0.00	7.41	10.00	472.64	20.00	0.00	6.00	4.00	2.00	1.00	1,888.41	
2661	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	263	264	267	268	272	274	275	56,285.77	37,773.04	220,008.84	6.00	47.00	22.00	254,882.29	1,928.23	61.05	254,882.29	51.00	4,847.63	0.73	438.60	0.00	0.00	0.00	6.38	12.00	474.12	17.00	0.00	6.00	5.00	1.00	1.00	2,242.36	
2662	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	263	264	267	268	273	275	275	61,417.12	42,963.81	219,982.34	6.00	47.00	22.00	254,855.80	1,928.23	61.65	254,855.80	48.00	4,582.26	0.73	438.55	0.00	0.00	0.00	5.80	11.00	451.32	17.00	0.00	6.00	5.00	1.00	1.00	2,242.36	
2663	202	203	205	217	220	222	229	234	236	239	240	246	248	251	252	256	262	263	264	267	268	273	275	275	64,747.60	39,006.33	225,575.27	6.00	47.00	28.00	265,585.52	1,928.23	57.88	265,585.52	49.00	5,264.21	0.73	435.9														

2891	202	202	203	205	217	220	222	230	235	236	239	241	244	246	248	252	256	262	264	267	269	271	272	273	275	51,443.53	60,921.22	179,499.08	4.00	40.00	29.00	249,268.08	1,709.90	57.52	249,268.08	49.00	4,518.19	0.52	428.99	0.00	0.00	188.91	668.07	0.00	0.00	6.90	11.00	491.48	18.00	0.00	7.00	4.00	1.00	1.00	38,798.51		
2892	202	202	203	205	217	220	222	230	235	236	239	241	244	246	248	252	256	262	264	267	269	271	272	273	275	45,312.18	55,730.45	169,206.01	4.00	40.00	25.00	238,974.99	1,709.90	56.25	238,974.99	52.00	4,783.56	0.52	411.32	0.00	0.00	188.91	637.74	0.00	0.00	6.90	12.00	467.64	18.00	0.00	7.00	4.00	1.00	1.00	38,798.51		
2893	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	263	265	270	269	268	272	274	275	33,761.92	72,802.92	179,700.04	4.00	39.00	24.00	243,854.15	1,709.90	59.42	243,854.15	46.00	4,891.59	0.52	419.73	0.00	0.00	188.91	650.55	0.00	0.00	6.84	12.00	465.92	17.00	0.00	7.00	4.00	1.00	1.00	50,470.94
2894	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	263	265	270	269	268	272	274	275	38,892.95	77,993.69	179,700.04	6.00	39.00	24.00	243,854.15	1,709.90	60.02	243,854.15	46.00	5,177.99	0.52	419.73	0.00	0.00	188.91	650.56	0.00	0.00	6.26	11.00	465.12	17.00	0.00	7.00	4.00	1.00	50,470.94	
2895	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	263	265	270	271	272	273	275	42,374.91	74,026.89	185,257.66	6.00	39.00	28.00	247,975.49	1,709.90	56.25	247,975.49	44.00	4,972.00	0.52	420.41	0.00	0.00	188.91	616.58	0.00	0.00	6.19	9.00	468.97	17.00	0.00	7.00	4.00	1.00	50,470.94		
2896	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	263	265	270	271	272	273	275	42,836.17	68,836.17	170,909.00	6.00	39.00	24.00	233,982.47	1,709.90	56.66	233,982.47	47.00	4,678.91	0.52	402.74	0.00	0.00	188.91	616.58	0.00	0.00	6.19	10.00	468.97	17.00	0.00	7.00	3.00	1.00	50,470.94		
2897	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	268	271	272	274	275	42,981.70	58,828.68	177,162.69	6.00	40.00	24.00	239,488.23	1,709.90	60.69	239,488.23	50.00	4,101.61	0.52	412.23	0.00	0.00	188.91	635.55	0.00	0.00	6.97	12.00	456.75	18.00	0.00	7.00	4.00	0.00	36,501.36		
2898	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	268	271	272	273	275	48,113.05	64,019.44	177,136.19	6.00	40.00	24.00	239,471.73	1,709.90	61.29	239,471.73	47.00	3,836.24	0.52	412.19	0.00	0.00	188.91	635.46	0.00	0.00	6.38	11.00	455.75	18.00	0.00	7.00	4.00	0.00	36,501.36		
2899	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	269	271	272	273	275	51,443.53	60,961.96	182,729.69	4.00	40.00	30.00	250,201.46	1,709.90	57.52	250,201.46	48.00	4,518.19	0.52	430.26	0.00	0.00	188.91	672.25	0.00	0.00	6.30	11.00	494.56	18.00	0.00	7.00	4.00	1.00	36,501.36		
2900	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	269	271	272	274	275	46,312.18	54,871.20	177,436.54	4.00	40.00	26.00	239,908.37	1,709.90	56.93	239,908.37	51.00	4,783.56	0.52	412.92	0.00	0.00	188.91	636.92	0.00	0.00	7.38	12.00	470.72	17.00	0.00	7.00	4.00	1.00	36,501.36		
2901	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	263	265	270	269	268	272	274	275	37,881.34	57,194.54	199,841.37	4.00	40.00	26.00	249,825.49	1,709.90	62.33	249,825.49	48.00	3,782.85	0.52	429.98	0.00	0.00	188.91	671.06	0.00	0.00	7.03	12.00	470.10	17.00	0.00	7.00	4.00	1.00	36,300.46	
2902	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	263	265	270	269	268	272	273	43,012.69	62,385.31	199,815.37	4.00	40.00	30.00	249,798.99	1,709.90	62.93	249,798.99	45.00	3,517.48	0.52	429.94	0.00	0.00	188.91	670.97	0.00	0.00	6.45	11.00	469.30	17.00	0.00	7.00	3.00	1.00	36,300.46		
2903	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	263	265	270	271	272	273	275	46,343.17	58,418.51	205,839.43	6.00	40.00	30.00	250,246.83	1,709.90	59.16	250,246.83	46.00	4,199.43	0.52	430.66	0.00	0.00	188.91	672.41	0.00	0.00	6.39	9.00	496.75	17.00	0.00	7.00	3.00	1.00	36,300.46		
2904	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	263	265	270	271	272	274	275	41,211.82	53,227.74	195,106.40	4.00	40.00	26.00	239,953.74	1,709.90	58.57	239,953.74	49.00	4,464.80	0.52	412.99	0.00	0.00	188.91	637.08	0.00	0.00	6.97	10.00	472.91	17.00	0.00	7.00	3.00	2.00	36,300.46		
2905	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	268	271	272	274	275	47,101.45	43,220.30	197,304.10	4.00	41.00	26.00	245,469.57	1,709.90	65.67	245,469.57	52.00	3,887.51	0.52	422.48	0.00	0.00	188.91	656.06	0.00	0.00	7.15	12.00	460.73	18.00	0.00	7.00	4.00	1.00	22,330.87		
2906	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	268	271	272	273	275	52,232.78	48,411.06	197,278.01	6.00	41.00	26.00	245,443.08	1,709.90	64.20	245,443.08	49.00	3,622.14	0.52	422.44	0.00	0.00	188.91	655.97	0.00	0.00	6.58	11.00	499.93	18.00	0.00	7.00	4.00	1.00	22,330.87		
2907	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	269	271	272	273	275	55,563.28	44,453.58	202,871.51	6.00	41.00	32.00	256,172.80	1,709.90	60.43	256,172.80	50.00	4,304.09	0.52	440.83	0.00	0.00	188.91	692.75	0.00	0.00	6.99	11.00	458.74	18.00	0.00	7.00	4.00	2.00	22,330.87		
2908	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	269	271	272	274	275	50,431.93	39,262.82	192,578.36	6.00	41.00	28.00	245,879.71	1,709.90	59.84	245,879.71	53.00	4,569.46	0.52	423.17	0.00	0.00	188.91	657.43	0.00	0.00	7.57	12.00	474.90	18.00	0.00	7.00	4.00	2.00	22,330.87		
2909	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	268	271	272	274	275	51,185.62	29,461.24	239,799.85	6.00	40.00	26.00	260,050.17	1,709.90	57.52	260,050.17	52.00	4,118.62	0.52	451.00	0.00	0.00	188.91	673.10	0.00	0.00	8.33	12.00	489.36	23.00	0.00	7.00	5.00	0.00	8,567.16		
2910	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	268	271	272	273	275	56,316.97	34,652.01	239,773.35	6.00	46.00	26.00	262,023.68	1,709.90	75.17	262,023.68	49.00	3,853.26	0.52	450.96	0.00	0.00	188.91	713.01	0.00	0.00	7.76	11.00	488.56	23.00	0.00	7.00	5.00	0.00	8,567.16		
2911	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	268	271	272	273	275	59,647.45	30,685.21	245,357.47	6.00	46.00	30.00	262,471.51	1,709.90	71.41	262,471.51	50.00	4,535.21	0.52	451.68	0.00	0.00	188.91	714.45	0.00	0.00	7.69	9.00	516.01	23.00	0.00	9.00	5.00	0.00	8,567.16		
2912	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	264	267	269	271	272	274	275	54,516.10	25,494.44	235,064.38	6.00	46.00	28.00	252,178.42	1,709.90	70.81	252,178.42	53.00	4,800.58	0.52	434.01	0.00	0.00	188.91	679.12	0.00	0.00	8.27	10.00	492.17	23.00	0.00	7.00	5.00	1.00	8,567.16		
2913	202	202	203	205	217	220	222	230	235	236	239	241	244	246	249	251	252	256	262	263	265	270	269	268	272	274	275	62,431.56	40,298.69	235,361.76	7.00	44.00	28.00	252,299.94	1,709.90	65.41	252,299.94	55.00	4,164.29	0.52	434.09	0.00	0.00	188.91	679.26	0.00	0.00	7.24	12.00	471.64	20.00	0.00	7.00</				

3017	2002	202	204	206	207	216	235	236	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	51,365.57	70,277.27	189,244.95	6.00	44.00	20.00	246,700.21	753.88	61.48	246,720.31	50.00	4,680.29	0.00	42.70	0.00	0.00	153.18	696.23	0.00	0.00	0.00	8.39	4.00	471.15	16.00	0.00	6.00	4.00	0.00	0.00	43,792.19
3018	2002	202	204	206	207	216	235	236	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	56,496.92	75,468.04	200,218.95	6.00	44.00	20.00	246,993.81	753.88	62.08	246,993.81	47.00	4,414.92	0.00	42.66	0.00	0.00	153.18	696.13	0.00	0.00	0.00	7.81	3.00	470.35	16.00	0.00	6.00	4.00	0.00	0.00	43,792.19
3019	2002	202	204	206	207	216	235	236	239	240	246	249	251	252	256	262	263	265	270	271	272	273	275	59,827.40	71,501.24	194,802.57	6.00	44.00	20.00	247,141.64	753.88	58.31	247,141.64	48.00	4,598.77	0.00	42.58	0.00	0.00	153.18	697.58	0.00	0.00	0.00	7.75	1.00	497.80	16.00	0.00	6.00	4.00	0.00	0.00	43,792.19	
3020	2002	202	204	206	207	216	235	236	239	240	246	249	251	252	256	262	263	265	270	271	272	273	275	54,696.05	66,310.48	184,509.48	6.00	44.00	20.00	236,802.56	753.88	57.72	236,802.56	51.00	4,394.24	0.00	40.72	0.00	0.00	153.18	662.25	0.00	0.00	0.00	7.75	2.00	473.96	16.00	0.00	6.00	4.00	0.00	0.00	43,792.19	
3021	2002	202	204	206	207	216	235	236	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	60,585.67	67,303.93	186,704.39	6.00	45.00	20.00	245,944.39	753.88	62.75	245,944.39	54.00	4,173.27	0.00	41.73	0.00	0.00	153.18	681.13	0.00	0.00	0.00	7.93	4.00	461.78	17.00	0.00	6.00	5.00	0.00	0.00	43,792.19
3022	2002	202	204	206	207	216	235	236	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	57,117.00	64,393.80	186,681.09	6.00	45.00	20.00	242,317.89	753.88	63.35	242,317.89	51.00	5,159.57	0.00	41.76	0.00	0.00	153.18	681.13	0.00	0.00	0.00	8.25	3.00	460.98	16.00	0.00	6.00	5.00	0.00	0.00	43,792.19
3023	2002	202	204	206	207	216	235	236	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	69,047.50	75,536.32	192,274.53	6.00	45.00	20.00	253,067.62	753.88	59.58	253,067.62	52.00	5,205.53	0.00	43.55	0.00	0.00	153.18	717.92	0.00	0.00	0.00	8.30	3.00	499.78	17.00	0.00	6.00	5.00	1.00	0.00	43,792.19
3024	2002	202	204	206	207	216	235	236	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	63,916.13	72,345.55	181,981.44	6.00	45.00	22.00	242,774.53	753.88	58.99	242,774.53	55.00	5,466.89	0.00	41.789	0.00	0.00	153.18	682.59	0.00	0.00	0.00	8.93	4.00	475.94	17.00	0.00	6.00	5.00	1.00	0.00	43,792.19
3025	2002	202	204	206	207	216	235	236	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	55,485.31	64,668.89	209,386.71	6.00	45.00	22.00	252,691.65	753.88	64.39	252,691.65	52.00	4,466.19	0.00	43.96	0.00	0.00	153.18	716.73	0.00	0.00	0.00	8.58	4.00	475.33	16.00	0.00	6.00	4.00	1.00	0.00	43,792.19
3026	2002	202	204	206	207	216	235	236	239	240	246	249	253	255	256	262	263	265	270	269	268	272	274	275	60,616.66	69,589.66	209,360.27	6.00	45.00	22.00	252,665.15	753.88	64.99	252,665.15	49.00	4,200.82	0.00	43.91	0.00	0.00	153.18	716.64	0.00	0.00	0.00	8.01	3.00	474.53	16.00	0.00	6.00	4.00	1.00	0.00	43,792.19
3027	2002	202	204	206	207	216	235	236	239	240	246	249	253	255	256	262	263	265	270	271	272	273	275	63,947.14	75,892.86	214,944.94	6.00	45.00	26.00	253,112.99	753.88	61.22	253,112.99	50.00	4,882.77	0.00	43.63	0.00	0.00	153.18	718.08	0.00	0.00	0.00	7.94	1.00	501.98	16.00	0.00	6.00	4.00	2.00	0.00	43,792.19	
3028	2002	202	204	206	207	216	235	236	239	240	246	249	253	255	256	262	263	265	270	271	272	273	275	58,815.79	50,702.10	204,651.30	6.00	45.00	22.00	242,819.90	753.88	60.63	242,819.90	53.00	5,148.14	0.00	41.97	0.00	0.00	153.18	682.75	0.00	0.00	0.00	8.52	2.00	478.14	16.00	0.00	6.00	4.00	2.00	0.00	43,792.19	
3029	2002	202	204	206	207	216	235	236	239	240	246	249	253	255	256	262	264	267	268	272	274	275	64,705.41	60,694.65	206,849.62	6.00	45.00	22.00	248,335.73	753.88	66.66	248,335.73	56.00	5,078.84	0.00	42.76	0.00	0.00	153.18	701.73	0.00	0.00	0.00	8.70	3.00	465.96	17.00	0.00	6.00	5.00	1.00	0.00	43,792.19		
3030	2002	202	204	206	207	216	235	236	239	240	246	249	253	255	256	262	264	267	268	272	274	275	69,836.76	45,885.42	206,822.92	6.00	46.00	22.00	248,309.23	753.88	66.26	248,309.23	53.00	4,305.47	0.00	42.741	0.00	0.00	153.18	701.64	0.00	0.00	0.00	8.13	3.00	465.16	17.00	0.00	6.00	5.00	1.00	0.00	43,792.19		
3031	2002	202	204	206	207	216	235	236	239	240	246	249	253	255	256	262	264	267	269	271	272	273	275	73,167.25	61,927.94	212,416.94	6.00	46.00	28.00	259,038.96	753.88	62.49	259,038.96	54.00	4,987.42	0.00	44.80	0.00	0.00	153.18	738.43	0.00	0.00	0.00	8.54	3.00	503.96	17.00	0.00	6.00	5.00	2.00	0.00	43,792.19	
3032	2002	202	204	206	207	216	235	236	239	240	246	249	253	255	256	262	264	267	269	271	272	273	275	68,035.90	36,737.17	202,123.27	6.00	46.00	24.00	248,745.87	753.88	61.90	248,745.87	57.00	5,252.79	0.00	42.814	0.00	0.00	153.18	703.10	0.00	0.00	0.00	9.12	4.00	480.12	17.00	0.00	6.00	5.00	2.00	0.00	43,792.19	
3033	2002	202	204	206	207	216	235	236	239	240	246	249	253	257	259	260	270	269	268	272	274	275	68,789.59	26,935.59	209,260.74	6.00	45.00	22.00	264,916.33	753.88	76.64	264,916.33	56.00	4,801.96	0.00	45.98	0.00	0.00	153.18	758.77	0.00	0.00	0.00	9.89	4.00	494.58	22.00	0.00	8.00	6.00	0.00	1.00	0.00	43,792.19	
3034	2002	202	204	206	207	216	235	236	239	240	246	249	253	257	259	260	270	269	268	272	274	275	73,920.94	32,126.36	249,318.25	6.00	51.00	22.00	264,889.83	753.88	77.23	264,889.83	53.00	4,536.59	0.00	45.93	0.00	0.00	153.18	758.68	0.00	0.00	0.00	9.31	3.00	493.78	22.00	0.00	8.00	6.00	0.00	1.00	0.00	43,792.19	
3035	2002	202	204	206	207	216	235	236	239	240	246	249	253	257	259	260	270	271	272	273	275	77,251.42	28,159.56	259,260.77	6.00	51.00	26.00	269,317.67	753.88	77.23	269,317.67	54.00	5,218.54	0.00	45.637	0.00	0.00	153.18	760.12	0.00	0.00	0.00	9.24	1.00	512.23	22.00	0.00	8.00	6.00	1.00	2.00	0.00	43,792.19		
3036	2002	202	204	206	207	216	235	236	239	240	246	249	253	257	259	260	270	271	272	273	275	72,120.07	22,968.79	244,609.29	6.00	51.00	22.00	250,044.58	753.88	72.87	250,044.58	57.00	5,483.91	0.00	43.899	0.00	0.00	153.18	724.79	0.00	0.00	0.00	9.82	2.00	497.39	22.00	0.00	8.00	6.00	1.00	2.00	0.00	43,792.19		
3037	2002	202	204	206	207	216	235	236	239	240	246	249	253	257	261	263	264	267	268	272	274	275	80,035.53	37,773.04	222,896.88	6.00	49.00	24.00	255,166.10	753.88	67.47	255,166.10	59.00	4,847.63	0.00	43.906	0.00	0.00	153.18	724.94	0.00	0.00	0.00	8.79	4.00	476.87	19.00	0.00	6.00	7.00	0.00	0.00	43,792.19		
3038	2002	202	204	206	207	216	235	236	239	240	246	249	253	257	261	263	264	267	268	272	274	275	85,166.88	42,963.81	222,870.38	6.00	49.00	24.00	255,139.60	753.88	68.06	255,139.60	56.00	4,582.26	0.00	43.901	0.00	0.00	153.18	724.84	0.00	0.00	0.00	8.21	3.00	476.07	19.00	0.00	6.00	7.00	0.00	0.00	43,792.19		
3039	2002	202	204	206	207	216	235	236	239	240	246	249	253	257	261	263	264	267	269	271	272	273	275	88,497.36	39,006.33	228,463.82	6.00	49.00	30.00	265,869.32	753.88	64.29	265,869.32	57.00	5,264.21	0.00	45.741	0.00	0.00	153.18	761.63	0.00	0.00	0.00	8.63	3.00	514.88	19.00	0.00	6.00	7.00	1.00	1.00	0.00	43,792.19
3040	2002	202	204	206	207	216	235	236	239	240	246	249	253	257	261	263	264	267	269	271</																																			

3143	202	202	204	206	207	216	235	236	242	247	254	257	261	265	270	271	272	273	275	95,198.32	36,995.00	231,225.40	3.00	45.00	30.00	259,468.98	753.88	60.24	259,468.98	51.00	3,760.56	203.23	689.80	0.00	0.00	0.00	7.72	1.00	473.11	19.00	0.00	6.00	7.00	1.00	1.00	15,504.00			
3144	202	202	204	206	207	216	235	236	242	247	254	257	261	265	270	271	272	273	275	90,066.97	31,204.24	220,932.40	3.00	45.00	26.00	249,175.89	753.88	59.65	249,175.89	54.00	4,075.93	203.23	654.48	0.00	0.00	0.00	8.36	2.00	449.27	19.00	0.00	6.00	7.00	1.00	1.00	15,504.00			
3145	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	269	268	272	274	275	70,038.88	54,098.93	189,360.41	4.00	43.00	20.00	246,836.27	753.88	58.70	246,836.27	54.00	4,294.90	187.77	662.04	0.00	0.00	0.00	8.92	4.00	457.92	17.00	0.00	6.00	7.00	1.00	1.00	43,792.19
3146	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	269	268	272	274	275	75,162.23	59,999.70	193,340.41	4.00	43.00	20.00	246,809.78	753.88	59.30	246,809.78	51.00	4,294.90	187.77	661.94	0.00	0.00	0.00	8.92	3.00	457.12	17.00	0.00	6.00	7.00	1.00	1.00	43,792.19
3147	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	271	272	273	275	70,929.71	55,692.90	189,360.41	4.00	43.00	20.00	249,574.61	753.88	55.63	249,574.61	52.00	4,294.90	187.77	662.04	0.00	0.00	0.00	8.92	1.00	484.96	17.00	0.00	6.00	7.00	1.00	1.00	43,792.19	
3148	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	271	272	273	275	73,361.35	50,442.18	193,340.41	4.00	43.00	20.00	256,964.52	753.88	54.94	256,964.52	55.00	4,294.90	187.77	662.04	0.00	0.00	0.00	8.92	2.00	486.96	17.00	0.00	6.00	7.00	1.00	1.00	43,792.19	
3149	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	268	272	274	275	79,350.98	40,434.69	186,823.56	4.00	44.00	20.00	242,480.36	753.88	59.98	242,480.36	58.00	4,909.67	187.77	647.04	0.00	0.00	0.00	9.04	4.00	448.54	18.00	0.00	6.00	5.00	2.00	1.00	29,822.61		
3150	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	268	273	275	84,382.33	45,625.45	186,797.06	4.00	44.00	20.00	242,483.84	753.88	60.57	242,483.84	55.00	4,644.30	187.77	646.94	0.00	0.00	0.00	9.04	3.00	447.74	18.00	0.00	6.00	6.00	1.00	1.00	29,822.61			
3151	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	269	271	272	273	275	87,712.81	41,667.97	192,390.06	4.00	44.00	20.00	251,183.58	753.88	56.80	251,183.58	56.00	5,326.25	187.77	683.73	0.00	0.00	0.00	8.88	3.00	486.55	18.00	0.00	6.00	6.00	1.00	1.00	29,822.61	
3152	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	269	271	272	274	275	82,581.46	36,477.21	182,007.41	4.00	44.00	22.00	242,890.49	753.88	56.21	242,890.49	59.00	5,591.62	187.77	648.41	0.00	0.00	0.00	9.45	4.00	462.71	18.00	0.00	6.00	6.00	1.00	1.00	29,822.61	
3153	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	269	268	272	274	275	74,150.62	38,800.55	209,502.74	4.00	44.00	24.00	252,807.62	753.88	61.61	252,807.62	56.00	4,590.91	187.77	682.48	0.00	0.00	0.00	9.11	4.00	462.06	17.00	0.00	6.00	5.00	1.00	1.00	29,822.61
3154	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	269	268	273	275	79,281.97	43,991.32	209,476.24	4.00	44.00	24.00	252,781.12	753.88	62.21	252,781.12	53.00	4,325.54	187.77	682.39	0.00	0.00	0.00	8.53	3.00	461.26	17.00	0.00	6.00	5.00	1.00	1.00	29,822.61	
3155	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	271	272	273	275	82,612.45	40,024.52	215,076.34	4.00	44.00	28.00	253,228.95	753.88	58.44	253,228.95	54.00	5,007.49	187.77	683.83	0.00	0.00	0.00	8.47	1.00	488.71	17.00	0.00	6.00	5.00	2.00	1.00	29,822.61	
3156	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	271	272	273	275	77,481.10	34,833.75	204,767.27	4.00	44.00	24.00	242,935.86	753.88	67.85	242,935.86	57.00	5,272.86	187.77	648.51	0.00	0.00	0.00	9.04	2.00	464.87	17.00	0.00	6.00	5.00	2.00	1.00	29,822.61	
3157	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	268	272	274	275	83,370.72	24,826.31	206,965.38	4.00	45.00	24.00	248,451.70	753.88	62.89	248,451.70	60.00	4,699.56	187.77	667.48	0.00	0.00	0.00	9.23	4.00	452.69	18.00	0.00	6.00	5.00	1.00	1.00	15,652.13		
3158	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	268	273	275	88,502.07	30,017.07	206,938.88	4.00	45.00	24.00	248,425.20	753.88	63.48	248,425.20	57.00	4,430.19	187.77	667.39	0.00	0.00	0.00	8.65	3.00	451.89	18.00	0.00	6.00	6.00	1.00	1.00	15,652.13			
3159	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	269	271	272	273	275	91,832.56	26,059.59	212,932.88	4.00	45.00	30.00	259,154.92	753.88	59.71	259,154.92	58.00	5,112.14	187.77	704.18	0.00	0.00	0.00	9.07	3.00	490.70	18.00	0.00	6.00	6.00	2.00	1.00	15,652.13	
3160	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	269	271	272	273	275	86,701.21	20,868.83	202,239.23	4.00	45.00	26.00	248,861.83	753.88	60.12	248,861.83	61.00	5,377.51	187.77	668.85	0.00	0.00	0.00	9.65	4.00	466.86	18.00	0.00	6.00	6.00	2.00	1.00	15,652.13	
3161	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	269	271	272	273	275	87,454.90	11,067.25	249,460.72	3.00	50.00	24.00	260,032.30	753.88	73.86	260,032.30	60.00	4,926.68	187.77	724.53	0.00	0.00	0.00	10.41	4.00	481.32	23.00	0.00	8.00	7.00	1.00	1.00	1,888.41	
3162	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	268	273	275	92,586.24	16,258.02	249,434.22	3.00	50.00	24.00	260,005.80	753.88	74.46	260,005.80	57.00	4,661.31	187.77	724.43	0.00	0.00	0.00	9.84	3.00	480.52	23.00	0.00	8.00	7.00	1.00	1.00	1,888.41			
3163	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	268	272	273	275	95,916.73	12,291.22	250,038.24	3.00	50.00	28.00	265,453.63	753.88	70.69	265,453.63	58.00	5,342.26	187.77	725.88	0.00	0.00	0.00	9.77	1.00	507.97	23.00	0.00	8.00	7.00	1.00	2.00	1.00	1,888.41	
3164	202	202	204	206	207	216	235	236	242	250	251	252	256	262	264	267	269	271	272	273	275	90,785.38	7,100.45	244,725.25	3.00	50.00	24.00	255,160.54	753.88	70.10	255,160.54	61.00	5,608.63	187.77	690.55	0.00	0.00	0.00	10.35	2.00	484.13	23.00	0.00	8.00	7.00	1.00	2.00	1,888.41	
3165	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	271	272	274	275	98,700.84	21,904.70	223,012.80	5.00	48.00	26.00	255,282.06	753.88	64.99	255,282.06	63.00	4,972.35	187.77	690.69	0.00	0.00	0.00	9.32	4.00	463.60	20.00	0.00	6.00	8.00	1.00	1.00	2,242.36	
3166	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	269	268	272	274	275	103,822.18	27,095.47	222,986.35	5.00	48.00	26.00	255,255.56	753.88	65.28	255,255.56	60.00	4,708.98	187.77	690.60	0.00	0.00	0.00	8.74	3.00	462.80	20.00	0.00	6.00	8.00	1.00	1.00	2,242.36
3167	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	269	268	272	274	275	107,162.67	23,137.99	228,579.78	5.00	48.00	32.00	265,985.29	753.88	61.51	265,985.29	61.00	5,366.93	187.77	727.39	0.00	0.00	0.00	9.16	3.00	501.61	20.00	0.00	6.00	8.00	1.00	1.00	2,242.36
3168	202	202	204	206	207	216	235	236	242	250	251	252	256	262	263	265	270	269	268	272	274	275	102,031.37	31,947.22	218,296.70	5.00	48.00	28.00	255,692.20	753.88	60.92	255,692.20	64.00	5,654.30	187.77	692.06	0.00	0.00	0.00	9.74	4.00	477.77	20.00	0.00	6.00	8.00	1.00	1.00	4,764.80
3169	202	202	204	206	207	216	235	236	2																																								

Table with columns for ID, coordinates, and numerical values. Includes a large 'PUBLIC' watermark across the center.

Exhibit JP-2

Exhibit JP-2

Table with columns for ID, coordinates, and various numerical values. Includes a large 'PUBLIC' watermark in the center.

Exhibit JP-2

Exhibit JP-2

3521	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	274	275	48,521.38	74,460.70	170,631.89	6.00	42.00	19.00	241,828.24	1,035.18	61.33	241,828.24	42.00	4,269.91	0.73	416.32	0.00	0.00	143.18	689.46	0.00	0.00	0.00	6.76	5.00	439.69	12.00	0.00	0.00	5.00	2.00	0.00	0.00	54,909.44	
3522	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	274	275	53,652.73	79,651.46	170,604.89	6.00	42.00	19.00	241,801.74	1,035.18	61.33	241,801.74	39.00	4,004.54	0.73	416.28	0.00	0.00	143.18	689.37	0.00	0.00	0.00	6.18	4.00	438.89	12.00	0.00	0.00	5.00	2.00	0.00	0.00	54,909.44	
3523	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	271	272	273	275	56,983.27	75,684.66	176,189.01	6.00	42.00	23.00	242,249.58	1,035.18	58.15	242,249.58	40.00	4,139.49	0.73	417.00	0.00	0.00	143.18	690.81	0.00	0.00	0.00	6.20	2.00	466.34	12.00	0.00	0.00	5.00	2.00	0.00	0.00	54,909.44		
3524	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	271	272	273	275	51,851.87	70,493.90	165,895.92	6.00	42.00	23.00	231,956.49	1,035.18	57.56	231,956.49	43.00	4,076.92	0.73	416.32	0.00	0.00	143.18	685.48	0.00	0.00	0.00	6.69	3.00	442.50	12.00	0.00	0.00	5.00	2.00	0.00	0.00	54,909.44		
3525	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	274	275	57,741.89	77,441.89	168,944.24	6.00	43.00	19.00	237,473.27	1,035.18	61.65	237,473.27	46.00	4,174.47	0.73	409.82	0.00	0.00	143.18	694.46	0.00	0.00	0.00	6.88	5.00	432.93	13.00	0.00	0.00	5.00	2.00	0.00	0.00	54,909.44	
3526	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	274	275	62,722.84	85,677.84	188,067.27	6.00	43.00	19.00	237,445.82	1,035.18	61.39	237,445.82	43.00	4,109.20	0.73	408.78	0.00	0.00	143.18	697.01	0.00	0.00	0.00	6.98	4.00	429.53	13.00	0.00	0.00	5.00	3.00	0.00	0.00	40,939.85	
3527	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	273	275	66,303.32	81,719.74	173,660.98	6.00	43.00	25.00	248,175.55	1,035.18	59.42	247,127.17	47.00	4,179.15	0.73	427.17	0.00	0.00	143.18	711.16	0.00	0.00	0.00	6.72	4.00	468.32	13.00	0.00	0.00	5.00	3.00	1.00	1.00	40,939.85	
3528	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	274	275	61,071.97	76,528.97	163,367.82	6.00	43.00	21.00	237,882.46	1,035.18	58.83	237,882.46	47.00	4,056.52	0.73	409.51	0.00	0.00	143.18	675.83	0.00	0.00	0.00	7.30	5.00	444.48	13.00	0.00	0.00	5.00	3.00	1.00	1.00	40,939.85	
3529	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	274	275	52,641.13	58,852.32	130,777.22	6.00	43.00	21.00	247,799.58	1,035.18	64.24	247,799.58	44.00	4,055.81	0.73	426.57	0.00	0.00	143.18	709.97	0.00	0.00	0.00	6.95	5.00	443.87	12.00	0.00	0.00	5.00	2.00	1.00	1.00	40,939.85	
3530	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	273	275	57,772.48	64,043.08	130,746.72	6.00	43.00	21.00	247,773.08	1,035.18	64.83	247,773.08	41.00	3,790.44	0.73	426.53	0.00	0.00	143.18	709.87	0.00	0.00	0.00	6.38	4.00	443.07	12.00	0.00	0.00	5.00	2.00	1.00	1.00	40,939.85	
3531	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	271	272	273	275	61,102.96	60,076.28	196,330.74	6.00	43.00	25.00	248,220.92	1,035.18	64.06	248,220.92	42.00	4,472.39	0.73	427.25	0.00	0.00	143.18	711.32	0.00	0.00	0.00	6.31	2.00	470.52	12.00	0.00	0.00	5.00	2.00	2.00	1.00	40,939.85		
3532	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	271	272	273	275	55,971.61	54,885.52	186,073.27	6.00	43.00	21.00	237,927.83	1,035.18	60.47	237,927.83	45.00	4,737.76	0.73	409.59	0.00	0.00	143.18	675.99	0.00	0.00	0.00	6.89	3.00	446.68	12.00	0.00	0.00	5.00	2.00	1.00	1.00	40,939.85		
3533	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	274	275	61,861.23	44,878.07	144,878.07	6.00	44.00	21.00	243,443.66	1,035.18	65.51	243,443.66	48.00	4,160.46	0.73	419.07	0.00	0.00	143.18	694.97	0.00	0.00	0.00	7.07	5.00	434.50	13.00	0.00	0.00	5.00	3.00	1.00	1.00	40,939.85	
3534	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	267	268	272	273	275	66,992.58	50,688.84	188,209.36	6.00	44.00	21.00	243,417.17	1,035.18	66.10	243,417.17	45.00	3,895.09	0.73	419.03	0.00	0.00	143.18	694.87	0.00	0.00	0.00	6.50	4.00	437.70	13.00	0.00	0.00	5.00	3.00	1.00	1.00	40,939.85	
3535	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	267	269	271	272	273	275	70,323.06	46,111.36	193,802.86	6.00	44.00	27.00	254,146.89	1,035.18	62.33	254,146.89	46.00	4,577.04	0.73	437.42	0.00	0.00	143.18	731.66	0.00	0.00	0.00	6.91	4.00	472.50	13.00	0.00	0.00	5.00	3.00	2.00	1.00	40,939.85
3536	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	271	274	275	65,191.71	40,920.59	183,509.71	6.00	44.00	23.00	243,853.80	1,035.18	61.74	243,853.80	49.00	4,842.41	0.73	419.76	0.00	0.00	143.18	696.33	0.00	0.00	0.00	7.49	5.00	448.66	13.00	0.00	0.00	5.00	3.00	2.00	1.00	40,939.85	
3537	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	274	275	65,945.40	31,119.01	131,119.01	6.00	49.00	21.00	260,024.26	1,035.18	76.49	260,024.26	48.00	4,391.58	0.73	447.59	0.00	0.00	143.18	752.01	0.00	0.00	0.00	8.26	5.00	463.12	18.00	0.00	0.00	7.00	4.00	0.00	0.00	13,005.66	
3538	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	273	275	71,076.75	36,309.78	230,704.70	6.00	49.00	21.00	259,997.77	1,035.18	77.08	259,997.77	45.00	4,126.21	0.73	447.55	0.00	0.00	143.18	751.92	0.00	0.00	0.00	7.68	4.00	462.32	18.00	0.00	0.00	7.00	4.00	0.00	0.00	13,005.66	
3539	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	271	272	273	275	74,407.23	32,342.98	230,784.70	6.00	49.00	25.00	260,445.60	1,035.18	73.11	260,445.60	46.00	4,806.16	0.73	448.27	0.00	0.00	143.18	753.36	0.00	0.00	0.00	7.61	2.00	489.77	18.00	0.00	0.00	7.00	4.00	0.00	0.00	13,005.66		
3540	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	271	272	273	275	69,275.89	27,152.22	225,995.73	6.00	49.00	21.00	250,152.51	1,035.18	72.72	250,152.51	49.00	4,073.55	0.73	430.61	0.00	0.00	143.18	718.03	0.00	0.00	0.00	8.19	3.00	465.93	18.00	0.00	0.00	7.00	4.00	2.00	2.00	13,005.66		
3541	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	267	268	272	274	275	77,191.34	41,956.46	204,283.33	6.00	49.00	23.00	250,274.03	1,035.18	67.31	250,274.03	51.00	4,437.25	0.73	430.68	0.00	0.00	143.18	718.17	0.00	0.00	0.00	7.16	5.00	445.41	15.00	0.00	0.00	7.00	5.00	0.00	0.00	13,359.61	
3542	202	204	206	217	219	221	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	267	268	272	273	275	82,322.69	47,147.23	204,256.83	6.00	47.00	23.00	250,247.53	1,035.18	69.90	250,247.53	48.00	4,171.88	0.73	430.63	0.00	0.00	143.18	718.08	0.00	0.00	0.00	6.58	4.00	444.61	15.00	0.00	0.00	5.00	5.00	0.00	0.00	13,359.61	
3																																																											

Table with columns for ID, coordinates, and numerical values. Includes large 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

Table with columns for ID, coordinates, and numerical values. Includes a large 'PUBLIC' watermark in the center.

Exhibit JP-2

Exhibit JP-2

3899	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	269	271	272	273	275	93,190.95	52,779.26	194,239.93	5.00	44.00	26.00	250,643.70	1,928.23	72.14	250,643.70	49.00	8,914.73	0.06	583.27	0.00	108.17	754.68	0.00	7.49	11.00	469.89	22.00	1.00	7.00	5.00	1.00	1.00	35,868.59	
3900	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	269	271	272	273	275	87,971.66	47,588.49	183,946.84	5.00	44.00	22.00	240,350.61	1,928.23	71.55	240,350.61	52.00	9,180.10	0.06	565.60	0.00	108.17	719.36	0.00	8.07	12.00	446.05	22.00	1.00	7.00	5.00	1.00	1.00	35,868.59	
3901	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	269	268	272	274	275	93,667.15	89,422.74	157,379.10	5.00	42.00	20.00	234,367.68	1,928.23	71.52	234,367.68	43.00	9,094.34	0.06	403.48	0.00	108.17	698.79	0.00	7.16	12.00	439.19	14.00	0.00	5.00	4.00	1.00	1.00	73,740.70
3902	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	269	268	272	274	275	98,798.50	94,613.50	157,379.10	5.00	42.00	20.00	234,367.68	1,928.23	71.52	234,367.68	43.00	9,094.34	0.06	403.48	0.00	108.17	698.79	0.00	7.16	12.00	439.19	14.00	0.00	5.00	4.00	1.00	1.00	73,740.70
3903	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	271	272	273	275	60,318.89	60,318.89	160,986.71	5.00	42.00	24.00	234,789.01	1,928.23	69.83	234,789.01	41.00	8,589.64	0.06	404.14	0.00	108.17	708.14	0.00	9.04	11.00	445.83	14.00	0.00	5.00	5.00	1.00	1.00	35,868.59	
3904	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	271	272	273	275	55,997.64	85,455.94	152,643.96	5.00	42.00	20.00	234,495.92	1,928.23	72.75	234,495.92	47.00	8,680.29	0.06	386.49	0.00	108.17	664.81	0.00	10.00	12.00	441.99	15.00	0.00	5.00	4.00	1.00	1.00	73,740.70	
3905	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	268	271	272	274	275	62,887.76	75,448.49	154,874.13	5.00	43.00	20.00	230,011.76	1,928.23	72.79	230,011.76	47.00	8,283.00	0.06	395.98	0.00	108.17	683.79	0.00	7.28	12.00	437.00	15.00	0.00	5.00	4.00	1.00	1.00	59,771.11	
3906	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	269	271	272	273	275	68,018.60	80,639.26	154,874.13	5.00	43.00	20.00	229,985.24	1,928.23	73.38	229,985.24	44.00	6,017.63	0.06	395.94	0.00	108.17	683.70	0.00	6.70	11.00	429.01	15.00	0.00	5.00	5.00	1.00	1.00	59,771.11	
3907	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	269	271	272	273	275	71,349.09	76,681.78	150,815.25	5.00	43.00	36.00	240,714.98	1,928.23	69.62	240,714.98	45.00	6,699.58	0.06	414.33	0.00	108.17	720.48	0.00	7.12	11.00	467.82	15.00	0.00	5.00	1.00	1.00	59,771.11		
3908	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	269	271	272	274	275	66,217.74	71,491.01	150,815.25	5.00	43.00	22.00	230,421.89	1,928.23	69.02	230,421.89	48.00	6,964.95	0.06	396.67	0.00	108.17	685.16	0.00	7.70	12.00	443.98	15.00	0.00	5.00	1.00	1.00	59,771.11		
3909	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	269	268	272	274	275	53,667.15	88,563.48	160,639.60	5.00	43.00	21.00	235,301.06	1,928.23	71.52	235,301.06	42.00	6,178.34	0.06	405.07	0.00	108.17	701.97	0.00	7.06	12.00	442.27	14.00	0.00	5.00	4.00	1.00	1.00	74,434.54
3910	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	269	268	272	273	275	58,798.50	93,754.25	160,583.14	5.00	43.00	21.00	235,724.56	1,928.23	72.11	235,724.56	39.00	5,912.97	0.06	405.03	0.00	108.17	701.88	0.00	6.48	11.00	441.47	14.00	0.00	5.00	4.00	1.00	1.00	74,434.54
3911	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	271	272	273	275	62,128.98	89,787.45	166,167.27	5.00	43.00	25.00	235,722.39	1,928.23	68.35	235,722.39	40.00	6,594.93	0.06	405.75	0.00	108.17	703.32	0.00	6.42	9.00	468.91	14.00	0.00	5.00	4.00	1.00	1.00	74,434.54	
3912	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	271	272	273	275	56,997.64	84,596.68	155,874.17	5.00	43.00	21.00	225,429.30	1,928.23	67.75	225,429.30	43.00	6,860.29	0.06	388.08	0.00	108.17	667.99	0.00	6.99	10.00	445.08	14.00	0.00	5.00	4.00	1.00	1.00	74,434.54	
3913	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	268	271	272	274	275	62,887.76	74,589.23	158,072.14	5.00	43.00	21.00	230,945.14	1,928.23	72.79	230,945.14	46.00	6,283.00	0.06	397.57	0.00	108.17	686.97	0.00	7.18	12.00	432.89	15.00	0.00	5.00	4.00	1.00	1.00	57,473.96	
3914	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	268	271	272	273	275	68,018.60	79,780.00	158,072.14	5.00	43.00	21.00	230,918.64	1,928.23	73.38	230,918.64	43.00	6,017.63	0.06	397.53	0.00	108.17	686.88	0.00	6.60	11.00	432.09	15.00	0.00	5.00	5.00	1.00	1.00	57,473.96	
3915	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	269	271	272	273	275	71,349.09	76,681.78	158,072.14	5.00	43.00	27.00	241,648.36	1,928.23	69.62	241,648.36	44.00	6,699.58	0.06	415.92	0.00	108.17	723.67	0.00	7.02	11.00	470.90	15.00	0.00	5.00	1.00	1.00	57,473.96		
3916	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	269	271	272	274	275	66,217.74	70,631.76	153,346.13	5.00	43.00	23.00	231,355.27	1,928.23	70.42	231,355.27	47.00	6,964.95	0.06	398.26	0.00	108.17	688.34	0.00	6.00	12.00	447.06	15.00	0.00	5.00	1.00	1.00	57,473.96		
3917	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	269	268	272	274	275	57,786.90	72,995.10	160,583.14	5.00	43.00	23.00	241,722.40	1,928.23	71.43	241,722.40	46.00	5,964.24	0.06	415.33	0.00	108.17	722.48	0.00	7.25	12.00	446.45	14.00	0.00	5.00	4.00	1.00	1.00	57,273.06
3918	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	269	268	272	273	275	62,918.25	78,145.87	180,739.06	5.00	43.00	23.00	241,245.90	1,928.23	75.02	241,245.90	43.00	5,698.87	0.06	415.28	0.00	108.17	722.38	0.00	6.68	11.00	445.65	14.00	0.00	5.00	4.00	1.00	1.00	57,273.06
3919	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	271	272	273	275	66,248.73	74,179.07	186,204.90	5.00	43.00	27.00	241,693.73	1,928.23	71.26	241,693.73	42.00	6,380.82	0.06	416.00	0.00	108.17	723.83	0.00	6.61	9.00	473.10	14.00	0.00	5.00	4.00	1.00	1.00	57,273.06	
3920	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	263	265	270	271	272	273	275	61,117.38	68,988.30	176,015.99	5.00	43.00	23.00	231,400.64	1,928.23	70.66	231,400.64	45.00	6,646.19	0.06	398.34	0.00	108.17	688.50	0.00	7.19	10.00	449.26	14.00	0.00	5.00	4.00	1.00	1.00	57,273.06	
3921	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	268	271	272	274	275	67,007.00	98,980.85	178,214.11	5.00	44.00	23.00	236,916.48	1,928.23	75.70	236,916.48	48.00	6,068.89	0.06	407.83	0.00	108.17	707.48	0.00	7.38	12.00	437.07	15.00	0.00	5.00	1.00	1.00	43,303.47		
3922	202	202	204	206	217	220	222	229	231	232	233	237	239	241	244	245	252	256	262	264	267	268	271	272																															

Table with columns for ID, coordinates, and numerical values. Includes 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

4151	202	202	204	206	217	220	222	229	234	236	239	241	243	248	252	256	262	263	265	270	271	272	273	275	76,433.07	52,263.35	228,126.54	5.00	45.00	26.00	258,974.38	1,928.23	59.52	258,974.38	44.00	5,159.56	0.73	445.72	0.00	0.00	6.31	9.00	485.66	15.00	0.00	5.00	5.00	1.00	1.00	15,504.04			
4152	202	202	204	206	217	220	222	229	234	236	239	241	243	248	252	256	262	263	265	270	271	272	273	275	71,301.72	47,072.58	217,833.47	5.00	45.00	22.00	248,681.29	1,928.23	58.92	248,681.29	47.00	5,424.93	0.73	428.06	0.00	0.00	6.89	10.00	461.82	15.00	0.00	5.00	5.00	1.00	1.00	15,504.04			
4153	202	202	204	206	217	220	222	229	234	236	239	241	243	248	252	256	262	263	265	270	269	268	272	274	275	48,521.38	75,319.95	167,536.38	4.00	42.00	16.00	241,030.39	1,928.23	55.20	241,030.39	42.00	5,145.91	0.73	414.94	0.00	0.00	14.32	12.00	435.99	13.00	0.00	5.00	5.00	1.00	1.00	57,206.60		
4154	202	202	204	206	217	220	222	229	234	236	239	241	243	248	252	256	262	263	265	270	269	268	272	274	275	53,652.73	80,510.72	167,509.88	4.00	42.00	16.00	241,003.89	1,928.23	55.79	241,003.89	38.00	5,145.91	0.73	414.94	0.00	0.00	6.16	11.00	435.39	13.00	0.00	5.00	5.00	1.00	1.00	57,206.60		
4155	202	202	204	206	217	220	222	229	234	236	239	241	243	248	252	256	262	263	265	270	271	272	273	275	51,851.87	76,543.99	173,904.08	4.00	42.00	20.00	241,051.27	1,928.23	54.03	241,051.27	39.00	5,145.91	0.73	415.64	0.00	0.00	6.09	10.00	440.64	13.00	0.00	5.00	5.00	1.00	1.00	57,206.60			
4156	202	202	204	206	217	220	222	229	234	236	239	241	243	248	252	256	262	263	265	270	271	272	273	275	57,741.49	61,345.71	164,909.93	4.00	43.00	15.00	231,158.63	1,928.23	51.43	231,158.63	42.00	5,145.91	0.73	397.97	0.00	0.00	6.52	10.00	438.67	14.00	0.00	5.00	3.00	0.00	1.00	1.00	57,206.60		
4157	202	202	204	206	217	220	222	229	234	236	239	241	243	248	252	256	262	264	267	268	271	272	273	275	57,741.49	61,345.71	164,909.93	4.00	43.00	15.00	236,574.47	1,928.23	56.47	236,574.47	45.00	5,145.91	0.73	407.46	0.00	0.00	6.86	12.00	426.63	14.00	0.00	5.00	3.00	0.00	1.00	1.00	57,206.60		
4158	202	202	204	206	217	220	222	229	234	236	239	241	243	248	252	256	262	264	267	268	271	272	273	275	62,872.84	66,536.47	164,972.53	4.00	43.00	16.00	236,647.97	1,928.23	57.06	236,647.97	42.00	5,145.91	0.73	407.42	0.00	0.00	6.28	11.00	425.82	14.00	0.00	5.00	4.00	0.00	1.00	1.00	57,206.60		
4159	202	202	204	206	217	220	222	229	234	236	239	241	243	248	252	256	262	264	267	269	271	272	273	275	66,209.32	62,579.00	162,579.00	4.00	43.00	22.00	247,377.69	1,928.23	57.13	247,377.69	43.00	5,145.91	0.73	425.81	0.00	0.00	6.70	11.00	464.62	14.00	0.00	5.00	4.00	0.00	1.00	1.00	57,206.60		
4160	202	202	204	206	217	220	222	229	234	236	239	241	243	248	252	256	262	264	267	269	271	272	273	275	61,071.97	57,388.23	160,272.88	4.00	43.00	18.00	237,084.60	1,928.23	52.70	237,084.60	46.00	5,056.52	0.73	408.15	0.00	0.00	7.27	12.00	440.78	14.00	0.00	5.00	4.00	0.00	1.00	1.00	57,206.60		
4161	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	274	275	48,521.38	74,460.70	170,766.91	4.00	43.00	19.00	241,963.76	1,928.23	55.20	241,963.76	40.00	5,269.91	0.73	416.55	0.00	0.00	6.64	12.00	439.07	13.00	0.00	5.00	3.00	0.00	1.00	1.00	54,909.44
4162	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	273	275	53,652.73	79,651.46	170,740.42	4.00	42.00	15.00	241,937.27	1,928.23	55.79	241,937.27	37.00	5,004.54	0.73	416.51	0.00	0.00	6.06	11.00	438.27	13.00	0.00	5.00	3.00	0.00	1.00	1.00	54,909.44	
4163	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	271	272	273	275	56,983.22	75,684.66	176,324.50	4.00	43.00	23.00	242,385.10	1,928.23	52.03	242,385.10	38.00	5,689.49	0.73	417.23	0.00	0.00	5.99	9.00	465.71	13.00	0.00	5.00	3.00	0.00	1.00	1.00	54,909.44	
4164	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	271	272	273	275	51,851.87	70,493.90	166,031.45	4.00	43.00	19.00	232,092.01	1,928.23	51.43	232,092.01	41.00	4,951.86	0.73	399.56	0.00	0.00	6.57	10.00	441.87	13.00	0.00	5.00	3.00	0.00	1.00	1.00	54,909.44	
4165	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	264	267	268	271	272	273	275	57,741.49	60,486.45	166,031.45	4.00	43.00	19.00	237,607.84	1,928.23	56.47	237,607.84	44.00	4,734.57	0.73	409.05	0.00	0.00	6.76	12.00	429.69	14.00	0.00	5.00	4.00	0.00	1.00	1.00	49,939.86	
4166	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	264	267	268	271	272	273	275	62,872.84	65,677.22	168,203.63	4.00	43.00	19.00	237,581.35	1,928.23	57.06	237,581.35	41.00	4,109.20	0.73	400.01	0.00	0.00	6.18	11.00	428.89	14.00	0.00	5.00	4.00	0.00	1.00	1.00	49,939.86	
4167	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	264	267	269	271	272	273	275	66,209.32	61,719.74	173,796.50	4.00	43.00	25.00	248,311.07	1,928.23	53.30	248,311.07	42.00	4,719.15	0.73	427.40	0.00	0.00	6.60	11.00	467.70	14.00	0.00	5.00	4.00	0.00	1.00	1.00	49,939.86	
4168	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	264	267	269	271	272	273	275	61,071.97	56,528.97	163,903.41	4.00	43.00	21.00	238,017.98	1,928.23	52.70	238,017.98	45.00	5,056.52	0.73	409.74	0.00	0.00	7.17	12.00	443.86	14.00	0.00	5.00	4.00	0.00	1.00	1.00	49,939.86	
4169	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	272	274	275	52,641.13	88,852.32	190,508.74	4.00	43.00	21.00	247,935.11	1,928.23	58.11	247,935.11	42.00	5,055.81	0.73	426.80	0.00	0.00	6.83	12.00	443.25	13.00	0.00	5.00	3.00	0.00	1.00	1.00	49,939.86
4170	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	269	268	273	275	57,772.48	64,043.08	190,882.24	4.00	43.00	21.00	247,908.61	1,928.23	58.70	247,908.61	39.00	3,790.44	0.73	426.76	0.00	0.00	6.25	11.00	442.45	13.00	0.00	5.00	3.00	0.00	1.00	1.00	49,939.86	
4171	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	271	272	273	275	61,109.26	60,076.28	196,466.36	4.00	43.00	25.00	248,356.44	1,928.23	54.94	248,356.44	40.00	4,472.39	0.73	427.48	0.00	0.00	6.19	9.00	469.89	13.00	0.00	5.00	3.00	2.00	1.00	1.00	49,939.86	
4172	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	263	265	270	271	272	273	275	55,971.61	54,885.52	186,173.27	4.00	43.00	21.00	238,063.35	1,928.23	54.34	238,063.35	43.00	4,737.76	0.73	409.81	0.00	0.00	6.76	10.00	446.05	13.00	0.00	5.00	3.00	0.00	1.00	1.00	49,939.86	
4173	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	264	267	268	271	272	273	275	61,861.23	44,878.07	186,272.45	4.00	43.00	21.00	243,579.19	1,928.23	59.38	243,579.19	46.00	4,460.46	0.73	419.39	0.00	0.00	6.95	12.00	433.87	14.00	0.00	5.00	4.00	0.00	1.00	1.00	26,769.38	
4174	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	264	267	268	271	272	273	275	66,992.58	50,088.84	188,344.88	4.00	43.00	21.00	243,552.69	1,928.23	59.97	243,552.69	43.00	3,895.09	0.73	419.26	0.00	0.00	6.33	11.00	433.07	14.00	0.00	5.00	4.00	0.00	1.00	1.00	26,769.38	
4175	202	202	204	206	217	220	222	229	234	236	239	241	243	249	251	252	256	262	264	267	269	271	272	273	275	70,329.06	46,111.36	193,998.33	4.00	44.00	27.																						

4277	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	86,636.55	35,171.04	222,684.90	3.00	44.00	24.00	258,669.01	1,928.23	59.91	258,669.01	50.00	4,867.70	0.73	445.22	0.00	0.00	7.48	12.00	445.75	16.00	0.00	5.00	6.00	0.00	0.00	15,504.00
4278	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	91,789.90	40,361.80	222,684.90	3.00	44.00	24.00	258,669.01	1,928.23	60.51	258,669.01	47.00	4,867.33	0.73	445.17	0.00	0.00	6.91	12.00	444.95	16.00	0.00	5.00	6.00	0.00	0.00	15,504.00
4279	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	271	272	273	275	95,098.38	36,305.00	228,242.52	3.00	44.00	28.00	259,903.35	1,928.23	56.74	259,903.35	48.00	5,000.28	0.73	445.89	0.00	0.00	6.84	9.00	472.40	16.00	0.00	5.00	6.00	0.00	0.00	15,504.00	
4280	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	271	272	273	275	89,960.03	31,204.24	217,949.44	3.00	44.00	24.00	248,797.26	1,928.23	56.15	248,797.26	51.00	4,995.65	0.73	445.29	0.00	0.00	7.42	10.00	448.56	16.00	0.00	5.00	6.00	0.00	0.00	15,504.00	
4281	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	76,643.03	47,234.73	218,498.23	4.00	41.00	23.00	256,498.23	1,709.99	64.86	256,498.23	51.00	6,895.44	0.52	491.63	0.00	0.00	8.08	11.00	467.03	23.00	1.00	4.00	5.00	0.00	0.00	23,186.83
4282	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	81,552.38	47,234.73	218,498.23	4.00	41.00	23.00	255,471.78	1,709.99	63.68	255,471.78	48.00	6,630.07	0.52	491.57	0.00	0.00	8.01	11.00	467.00	23.00	1.00	4.00	5.00	0.00	0.00	23,186.83
4283	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	271	272	273	275	84,882.86	48,457.98	218,498.23	4.00	41.00	27.00	255,919.56	1,709.99	61.54	255,919.56	48.00	6,312.02	0.52	492.29	0.00	0.00	7.44	9.00	493.68	23.00	1.00	4.00	1.00	1.00	2.00	23,186.83	
4284	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	271	272	273	275	79,751.51	43,267.21	214,892.76	4.00	41.00	23.00	245,626.47	1,709.99	61.09	245,626.47	52.00	7,577.39	0.52	574.62	0.00	0.00	8.02	10.00	469.84	23.00	1.00	4.00	5.00	0.00	1.00	23,186.83	
4285	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	85,641.13	33,259.77	217,090.87	4.00	42.00	23.00	251,142.31	1,709.99	66.13	251,142.31	55.00	7,000.09	0.52	584.13	0.00	0.00	8.20	12.00	457.65	24.00	1.00	8.00	5.00	0.00	1.00	23,127.24
4286	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	90,772.48	38,450.53	217,064.38	4.00	42.00	23.00	251,115.81	1,709.99	66.72	251,115.81	52.00	6,734.72	0.52	584.07	0.00	0.00	7.63	11.00	456.85	24.00	1.00	8.00	5.00	0.00	1.00	8,217.24
4287	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	271	272	273	275	94,102.96	34,493.05	222,675.81	4.00	42.00	29.00	261,845.53	1,709.99	62.95	261,845.53	53.00	7,163.68	0.52	602.46	0.00	0.00	8.04	11.00	495.66	24.00	1.00	8.00	5.00	0.00	1.00	8,217.24	
4288	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	88,971.61	29,302.29	212,766.73	4.00	42.00	25.00	251,552.44	1,709.99	62.36	251,552.44	56.00	7,682.05	0.52	584.80	0.00	0.00	8.02	12.00	471.82	24.00	1.00	8.00	5.00	0.00	1.00	8,217.24
4289	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	54,667.17	71,136.53	215,394.93	4.00	40.00	21.00	245,569.51	1,709.99	63.23	245,569.51	47.00	4,680.29	0.52	422.71	0.00	0.00	7.71	12.00	464.98	16.00	0.00	6.00	4.00	0.00	0.00	46,089.35
4290	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	59,798.52	76,327.30	215,394.93	4.00	40.00	21.00	245,543.01	1,709.99	62.92	245,543.01	44.00	4,414.92	0.52	422.66	0.00	0.00	7.13	11.00	464.18	16.00	0.00	4.00	4.00	0.00	0.00	46,089.35
4291	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	271	272	273	275	63,129.00	72,360.50	215,394.93	4.00	40.00	25.00	245,990.84	1,709.99	59.16	245,990.84	45.00	5,096.87	0.52	423.38	0.00	0.00	7.07	9.00	491.63	16.00	0.00	6.00	4.00	0.00	0.00	46,089.35	
4292	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	271	272	273	275	57,997.65	67,169.73	181,061.52	4.00	40.00	21.00	236,697.76	1,709.99	58.56	236,697.76	48.00	5,362.24	0.52	405.72	0.00	0.00	7.64	10.00	467.79	16.00	0.00	6.00	4.00	0.00	0.00	46,089.35	
4293	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	63,887.27	57,162.29	183,259.64	4.00	41.00	21.00	241,213.59	1,709.99	58.60	241,213.59	51.00	4,784.94	0.52	415.21	0.00	0.00	7.83	12.00	455.61	17.00	0.00	6.00	5.00	0.00	1.00	32,119.76
4294	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	69,018.62	62,353.05	183,233.14	4.00	41.00	24.00	241,187.09	1,709.99	64.19	241,187.09	48.00	4,519.57	0.52	415.16	0.00	0.00	7.25	11.00	454.81	17.00	0.00	6.00	5.00	0.00	1.00	32,119.76
4295	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	72,349.10	58,395.57	188,826.58	4.00	41.00	27.00	251,916.81	1,709.99	60.53	251,916.81	49.00	5,201.53	0.52	433.56	0.00	0.00	7.67	11.00	493.62	17.00	0.00	6.00	5.00	0.00	1.00	32,119.76
4296	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	67,217.76	53,204.81	178,533.49	4.00	41.00	23.00	241,623.73	1,709.99	59.83	241,623.73	52.00	4,546.89	0.52	415.89	0.00	0.00	8.25	12.00	469.78	17.00	0.00	6.00	5.00	0.00	1.00	32,119.76
4297	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	54,667.17	70,227.27	189,027.27	4.00	40.00	22.00	246,502.89	1,709.99	62.33	246,502.89	46.00	4,680.29	0.52	424.30	0.00	0.00	7.61	12.00	468.06	16.00	0.00	6.00	4.00	0.00	0.00	43,792.19
4298	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	59,798.52	75,468.04	189,003.03	4.00	40.00	22.00	246,476.39	1,709.99	62.92	246,476.39	43.00	4,414.92	0.52	424.26	0.00	0.00	7.03	11.00	467.26	16.00	0.00	6.00	4.00	0.00	0.00	43,792.19
4299	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	271	272	273	275	63,129.00	71,501.24	195,585.14	4.00	40.00	26.00	246,924.22	1,709.99	59.16	246,924.22	44.00	4,609.87	0.52	424.98	0.00	0.00	6.97	9.00	494.71	16.00	0.00	6.00	4.00	0.00	1.00	43,792.19	
4300	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	271	272	273	275	57,997.65	66,310.48	184,292.06	4.00	40.00	22.00	236,631.13	1,709.99	58.56	236,631.13	47.00	5,362.24	0.52	407.31	0.00	0.00	7.54	10.00	470.87	16.00	0.00	6.00	4.00	0.00	1.00	43,792.19	
4301	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	63,887.27	56,303.03	186,490.77	4.00	40.00	22.00	242,146.97	1,709.99	63.60	242,146.97	50.00	4,784.94	0.52	416.80	0.00	0.00	7.73	12.00	458.69	17.00	0.00	6.00	5.00	0.00	1.00	29,827.61
4302	200	202	204	206	217	220	222	230	234	236	242	250	253	257	261	265	270	269	268	272	274	275	69,018.62	61,493.80	186,463.67	4.00	41.00	22.00	242,120.47	1,709.99	64.19	242,120.47	47.00	4,519.57	0.52	416.76	0.00	0.00	7.15	11.00	457.89	17.00	0.00	6.00	5.00	0.00	1.00	29,827.61
4303	200	202	204	206	217	220	222	230	234	236	242	250																																				

Table with columns for ID, coordinates, and numerical values. Includes 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

4529	202	204	218	223	221	222	229	231	232	233	237	239	241	243	248	253	257	261	265	270	269	268	272	274	275	57,137.46	70,983.36	190,434.34	6.00	44.00	22.00	246,488.77	1,035.18	83.42	245,468.77	52.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89		
4530	202	204	218	223	221	222	229	231	232	233	237	239	241	243	248	253	257	261	265	270	269	268	272	274	275	62,268.81	76,174.12	190,407.84	6.00	44.00	22.00	245,442.27	1,035.18	84.01	245,442.27	49.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89		
4531	202	204	218	223	221	222	229	231	232	233	237	239	241	243	248	253	257	261	265	270	269	268	272	274	275	65,599.29	72,207.33	195,991.92	6.00	44.00	26.00	245,890.10	1,035.18	82.20	245,890.10	53.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89		
4532	202	204	218	223	221	222	229	231	232	233	237	239	241	243	248	253	257	261	265	270	269	268	272	274	275	60,409.94	67,016.56	185,998.87	6.00	44.00	22.00	245,597.01	1,035.18	79.65	245,597.01	53.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89		
4533	202	204	218	223	221	222	229	231	232	233	237	239	241	243	248	253	257	261	265	270	269	268	272	274	275	59,941.46	65,599.29	184,399.80	6.00	44.00	18.00	244,399.80	1,035.18	84.01	244,399.80	52.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89		
4534	202	204	218	223	221	222	229	231	232	233	237	239	241	244	245	246	248	252	256	262	263	265	270	269	268	273	275	67,572.30	70,710.98	191,127.42	6.00	44.00	18.00	244,127.42	1,035.18	78.89	244,127.42	52.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89
4535	202	204	218	223	221	222	229	231	232	233	237	239	241	244	245	246	248	252	256	262	263	265	270	271	272	273	67,903.30	67,903.30	196,711.97	5.00	44.00	22.00	244,661.14	1,035.18	80.84	244,661.14	50.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4536	202	204	218	223	221	222	229	231	232	233	237	239	241	244	245	246	248	252	256	262	263	265	270	271	274	275	62,771.95	61,553.42	186,418.28	5.00	44.00	18.00	234,388.05	1,035.18	80.24	234,388.05	53.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4537	202	204	218	223	221	222	229	231	232	233	237	239	241	244	245	246	248	252	256	262	263	265	270	271	274	275	68,651.57	51,545.97	185,418.28	5.00	44.00	18.00	239,883.88	1,035.18	85.28	239,883.88	56.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4538	202	204	218	223	221	222	229	231	232	233	237	239	241	244	245	246	248	252	256	262	263	265	270	271	274	275	73,792.52	56,736.74	188,589.90	5.00	45.00	18.00	239,857.38	1,035.18	85.87	239,857.38	53.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4539	202	204	218	223	221	222	229	231	232	233	237	239	241	244	245	246	248	252	256	262	263	265	270	271	272	273	77,123.40	52,779.26	194,183.33	5.00	45.00	24.00	250,587.11	1,035.18	81.11	250,587.11	54.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4540	202	204	218	223	221	222	229	231	232	233	237	239	241	244	245	246	248	252	256	262	263	265	270	269	268	273	71,992.05	47,588.49	183,890.25	5.00	45.00	20.00	240,294.02	1,035.18	81.51	240,294.02	57.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4541	202	204	218	223	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	269	268	272	274	67,687.61	89,422.74	157,322.51	5.00	43.00	18.00	234,311.08	1,035.18	81.88	234,311.08	48.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4542	202	204	218	223	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	269	268	273	275	42,818.96	94,613.50	157,296.01	5.00	43.00	18.00	234,284.59	1,035.18	82.08	234,284.59	45.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4543	202	204	218	223	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	271	272	273	275	46,149.44	90,646.71	162,880.13	5.00	43.00	22.00	234,732.42	1,035.18	78.31	234,732.42	46.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4544	202	204	218	223	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	271	274	275	41,018.09	85,455.94	152,587.04	5.00	43.00	18.00	234,439.33	1,035.18	77.72	234,439.33	49.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89		
4545	202	204	218	223	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	269	268	272	274	46,907.71	75,448.49	152,722.51	5.00	43.00	18.00	229,955.17	1,035.18	82.76	229,955.17	52.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4546	202	204	218	223	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	269	268	273	275	52,039.06	80,639.26	154,758.66	5.00	44.00	18.00	229,938.67	1,035.18	83.35	229,938.67	49.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4547	202	204	218	223	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	271	272	273	275	53,369.54	76,681.78	150,658.39	5.00	44.00	24.00	240,658.39	1,035.18	78.89	240,658.39	50.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4548	202	204	218	223	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	271	274	275	50,238.19	71,491.01	150,059.01	5.00	44.00	20.00	230,365.30	1,035.18	78.89	230,365.30	53.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89		
4549	202	204	218	223	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	269	268	272	274	37,687.61	88,563.48	160,530.04	5.00	43.00	19.00	235,244.46	1,035.18	81.51	235,244.46	47.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4550	202	204	218	223	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	269	268	273	275	42,818.96	93,754.25	160,526.55	5.00	43.00	20.00	235,217.96	1,035.18	82.08	235,217.96	44.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4551	202	204	218	223	221	222	229	231	232	233	237	239	241	244	246	248	252	256	262	263	265	270	271	272	273	275	46,149.44	89,787.45	166,110.56	5.00	43.00	23.00	235,665.80	1,035.18	78.31	235,665.80	45.00	0.00	6,515.99	0.89	422.58	108.17	736.98	0.00	0.00	9.84	5.00	463.97	14.00	0.00	4.00	6.00	0.00	0.00	47,593.89	
4552	202	204	218	223	221	222	229	23																																																

Table with columns for ID, coordinates, and numerical values. Includes 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

Table with columns for ID, coordinates, and numerical values. Includes 'PUBLIC' and 'Exhibit JP-2' watermarks.

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Table with columns for ID, coordinates, and numerical values. Includes 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

5411	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	264	267	269	271	272	273	275	56,730.43	95,872.09	141,494.16	7.00	46.00	25.00	235,399.77	753.88	105.29	235,399.77	56.00	0.00	0.00	106.93	703.47	0.00	0.00	0.00	9.91	3.00	486.81	13.00	0.00	4.00	5.00	1.00	1.00	73,370.43
5412	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	264	267	269	271	272	273	275	51,579.08	90,681.33	131,204.16	7.00	46.00	21.00	225,106.68	753.88	100.70	225,106.68	59.00	0.00	0.00	106.93	668.14	0.00	0.00	0.00	10.49	4.00	462.97	13.00	0.00	4.00	5.00	1.00	1.00	73,370.43
5413	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	43,148.24	93,004.67	158,606.90	7.00	46.00	21.00	235,023.81	753.88	110.10	235,023.81	56.00	0.00	0.00	106.93	702.28	0.00	0.00	0.00	10.49	4.00	462.97	12.00	0.00	4.00	5.00	1.00	73,370.43
5414	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	48,279.59	95,195.44	158,606.90	7.00	46.00	21.00	234,997.31	753.88	110.10	234,997.31	53.00	0.00	0.00	106.93	702.19	0.00	0.00	0.00	9.57	3.00	461.56	12.00	0.00	4.00	5.00	1.00	73,370.43
5415	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	263	265	270	271	272	273	275	51,610.07	94,238.64	141,494.16	7.00	46.00	25.00	235,451.14	753.88	106.63	235,451.14	54.00	0.00	0.00	106.93	703.61	0.00	0.00	0.00	10.49	4.00	462.97	13.00	0.00	4.00	5.00	1.00	73,370.43	
5416	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	263	265	270	271	272	273	275	46,378.72	91,870.87	141,494.16	7.00	46.00	21.00	235,152.06	753.88	106.34	235,152.06	57.00	0.00	0.00	106.93	668.39	0.00	0.00	0.00	10.49	2.00	452.98	13.00	0.00	4.00	5.00	1.00	73,370.43	
5417	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	264	267	268	272	274	275	52,368.34	97,930.43	156,069.05	7.00	47.00	21.00	230,667.89	753.88	111.37	230,667.89	60.00	0.00	0.00	106.93	687.28	0.00	0.00	0.00	10.26	4.00	452.98	13.00	0.00	4.00	5.00	1.00	73,370.43		
5418	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	264	267	268	273	275	57,499.69	84,221.19	156,042.55	7.00	47.00	21.00	230,641.39	753.88	111.97	230,641.39	57.00	0.00	0.00	106.93	687.19	0.00	0.00	0.00	9.69	3.00	452.18	13.00	0.00	4.00	5.00	1.00	73,370.43			
5419	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	264	267	269	271	272	273	275	60,830.17	80,263.71	156,042.55	7.00	47.00	27.00	241,371.11	753.88	108.20	241,371.11	58.00	0.00	0.00	106.93	723.98	0.00	0.00	0.00	10.10	3.00	490.99	15.00	0.00	4.00	5.00	2.00	73,370.43	
5420	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	264	267	269	271	272	274	275	55,698.83	75,072.95	151,342.90	7.00	47.00	23.00	231,078.03	753.88	107.61	231,078.03	61.00	0.00	0.00	106.93	688.65	0.00	0.00	0.00	10.68	4.00	467.15	13.00	0.00	4.00	5.00	2.00	73,370.43	
5421	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	56,452.51	75,271.37	158,564.38	7.00	47.00	23.00	247,484.49	753.88	122.35	247,484.49	60.00	0.00	0.00	106.93	744.32	0.00	0.00	0.00	11.45	4.00	481.61	13.00	0.00	4.00	5.00	2.00	73,370.43
5422	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	264	267	269	271	272	273	275	61,583.86	70,462.13	198,537.01	7.00	47.00	21.00	247,221.99	753.88	122.95	247,221.99	57.00	0.00	0.00	106.93	744.23	0.00	0.00	0.00	10.87	3.00	480.81	13.00	0.00	4.00	5.00	2.00	73,370.43	
5423	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	264	267	269	271	272	273	275	64,914.35	66,495.34	198,537.01	7.00	47.00	25.00	247,669.82	753.88	119.18	247,669.82	58.00	0.00	0.00	106.93	745.67	0.00	0.00	0.00	10.80	1.00	508.26	13.00	0.00	6.00	6.00	1.00	73,370.43	
5424	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	264	267	269	271	272	274	275	59,783.00	61,304.57	193,828.92	7.00	47.00	21.00	237,376.74	753.88	118.58	237,376.74	61.00	0.00	0.00	106.93	710.34	0.00	0.00	0.00	11.38	2.00	484.42	13.00	0.00	4.00	5.00	2.00	73,370.43	
5425	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	67,698.45	76,108.82	172,511.61	7.00	48.00	23.00	237,498.26	753.88	113.18	237,498.26	63.00	0.00	0.00	106.93	710.48	0.00	0.00	0.00	10.35	4.00	463.90	13.00	0.00	4.00	7.00	0.00	73,370.43
5426	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	263	264	267	268	273	275	72,829.80	81,299.59	172,090.01	7.00	48.00	23.00	237,471.76	753.88	113.77	237,471.76	60.00	0.00	0.00	106.93	710.39	0.00	0.00	0.00	9.77	3.00	463.10	15.00	0.00	4.00	7.00	0.00	73,370.43		
5427	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	263	264	267	269	271	272	273	275	76,160.29	77,342.11	177,633.11	7.00	48.00	29.00	248,201.48	753.88	110.00	248,201.48	61.00	0.00	0.00	106.93	747.18	0.00	0.00	0.00	10.19	3.00	501.91	15.00	0.00	4.00	7.00	1.00	73,370.43
5428	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	263	264	267	269	271	272	273	275	71,028.94	72,151.34	167,360.30	7.00	48.00	25.00	237,908.39	753.88	109.41	237,908.39	64.00	0.00	0.00	106.93	711.85	0.00	0.00	0.00	10.77	4.00	478.07	15.00	0.00	4.00	7.00	1.00	73,370.43
5429	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	263	265	270	269	268	272	274	275	58,478.35	89,375.15	164,653.87	7.00	47.00	23.00	241,146.26	753.88	111.91	241,146.26	59.00	0.00	0.00	106.93	723.30	0.00	0.00	0.00	10.23	4.00	471.85	14.00	0.00	4.00	6.00	0.00	73,370.43
5430	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	264	267	268	273	275	63,609.70	94,565.92	176,627.37	7.00	47.00	23.00	241,119.77	753.88	112.50	241,119.77	56.00	0.00	0.00	106.93	723.21	0.00	0.00	0.00	9.65	3.00	471.05	14.00	0.00	4.00	6.00	0.00	73,370.43			
5431	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	263	265	270	271	272	273	275	66,940.18	90,599.12	180,211.67	7.00	47.00	27.00	241,567.60	753.88	108.73	241,567.60	57.00	0.00	0.00	106.93	724.66	0.00	0.00	0.00	9.59	1.00	498.50	14.00	0.00	4.00	6.00	1.00	73,370.43	
5432	202	202	204	218	224	226	227	232	233	237	239	240	246	249	251	252	256	262	264	267	269	271	272	273	275	61,808.83	85,408.36	169,918.40	7.00	47.00	23.00	231,274.51	753.88	108.14	231,274.51	60.00	0.00	0.00	106.93	689.31	0.00	0.00	0.00	10.16	2.00	474.66	14.00	0.00	4.00	6.00	1.00	73,370.43	
5433	202	202	204	218	224	226	227	232	233	237	239	241	243	248	252	256	262	263	265	270	269	268	272	274	275	39,028.50	113,655.73	119,631.41	7.00	44.00	47.00	232,632.60	753.88	104.41	232,632.60	54.00	0.00	0.00	106.93	661.89	0.00	0.00	0.00	10.01	4.00	448.83	12.00	0.00	4.00	4.00	0.00	73,370.43	
5434	202	202	204	218	224	226	227	232	233	237	239	241	243	248	252	256	262	263	265	270	269	268	273	275	44,159.85	118,846.50	119,594.81	7.00	44.00	17.00	223,597.10	753.88	105.01	223,597.10	51.00	0.00	0.00	106.93	681.99	0.00	0.00	0.00	9.43	3.00	448.03	12.00	0.00	4.00	4.00	0.00	73,370.43		
5435	202	202	204	218	224	226	227	232	233	237	239	241	243	248	252	256	262	263	265	270	271	272	273	275	47,490.33	114,879.70	125,178.																										

5537	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	66,913.91	78,770.46	136,043.19	5.00	45.00	17.00	224,812.51	753.88	106.69	224,812.51	62.00	7,091.05	0.30	387.08	0.00	141.57	632.59	0.00	0.00	10.60	4.00	435.60	14.00	0.00	4.00	6.00	0.00	0.00	73,370.43
5538	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	72,045.26	83,961.23	136,016.69	5.00	45.00	17.00	224,786.01	753.88	106.28	224,786.01	59.00	6,875.68	0.30	387.03	0.00	141.57	632.49	0.00	0.00	10.60	4.00	434.80	14.00	0.00	4.00	6.00	0.00	0.00	73,370.43
5539	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	75,375.74	80,003.75	141,610.13	5.00	45.00	23.00	235,515.74	753.88	102.51	235,515.74	60.00	7,177.63	0.30	405.43	0.00	141.57	669.28	0.00	0.00	10.44	3.00	473.61	14.00	0.00	4.00	6.00	0.00	0.00	73,370.43
5540	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	70,244.39	74,812.98	131,317.00	5.00	45.00	19.00	225,222.65	753.88	100.00	225,222.65	60.00	6,979.00	0.30	387.76	0.00	141.57	633.95	0.00	0.00	11.01	4.00	449.77	14.00	0.00	4.00	6.00	0.00	0.00	73,370.43
5541	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	61,813.55	71,163.33	108,139.77	5.00	45.00	21.00	235,139.77	753.88	103.23	235,139.77	60.00	6,889.03	0.30	404.67	0.00	141.57	667.93	0.00	0.00	10.99	3.00	470.44	14.00	0.00	4.00	6.00	0.00	0.00	73,370.43
5542	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	65,944.90	70,275.99	108,695.07	5.00	45.00	25.00	235,113.28	753.88	107.97	235,113.28	60.00	7,056.93	0.30	404.76	0.00	141.57	667.93	0.00	0.00	10.09	3.00	470.44	14.00	0.00	4.00	6.00	0.00	0.00	73,370.43
5543	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	62,754.99	78,260.30	164,279.99	5.00	45.00	25.00	235,511.11	753.88	104.15	235,511.11	58.00	7,188.88	0.30	405.48	0.00	141.57	669.38	0.00	0.00	10.00	3.00	475.37	13.00	0.00	4.00	5.00	2.00	0.00	73,169.53
5544	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	65,144.03	73,169.53	115,986.90	5.00	45.00	21.00	225,388.02	753.88	103.56	225,388.02	61.00	7,454.25	0.30	387.81	0.00	141.57	634.06	0.00	0.00	10.60	2.00	451.93	13.00	0.00	4.00	6.00	0.00	0.00	73,169.53
5545	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	71,033.65	81,612.08	156,135.01	5.00	45.00	21.00	230,783.85	753.88	108.60	230,783.85	64.00	8,679.95	0.30	397.30	0.00	141.57	653.03	0.00	0.00	10.79	4.00	459.74	14.00	0.00	4.00	6.00	1.00	0.00	59,199.94
5546	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	76,165.00	88,252.83	156,158.52	5.00	46.00	21.00	230,757.36	753.88	109.19	230,757.36	61.00	8,611.58	0.30	397.26	0.00	141.57	652.94	0.00	0.00	10.21	3.00	438.94	14.00	0.00	4.00	6.00	1.00	0.00	59,199.94
5547	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	79,495.48	84,935.37	161,751.93	5.00	46.00	27.00	241,487.08	753.88	105.42	241,487.08	62.00	9,293.53	0.30	415.65	0.00	141.57	689.73	0.00	0.00	10.63	3.00	477.75	14.00	0.00	4.00	6.00	2.00	1.00	59,199.94
5548	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	74,364.13	89,204.60	151,458.86	5.00	46.00	23.00	231,193.99	753.88	104.83	231,193.99	65.00	7,558.90	0.30	397.99	0.00	141.57	654.40	0.00	0.00	11.21	4.00	453.91	14.00	0.00	4.00	6.00	2.00	1.00	59,199.94
5549	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	75,117.82	89,403.03	198,680.31	5.00	51.00	21.00	247,364.45	753.88	119.57	247,364.45	64.00	7,108.07	0.30	425.82	0.00	141.57	710.07	0.00	0.00	11.97	4.00	468.37	14.00	0.00	4.00	6.00	7.00	0.00	45,436.23
5550	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	80,249.17	54,993.79	198,633.93	5.00	51.00	21.00	247,337.96	753.88	120.17	247,337.96	61.00	6,842.70	0.30	425.78	0.00	141.57	709.98	0.00	0.00	11.40	3.00	467.57	19.00	0.00	4.00	7.00	0.00	1.00	45,436.23
5551	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	83,579.66	50,627.00	198,637.85	5.00	45.00	25.00	247,785.79	753.88	116.40	247,785.79	62.00	7,524.65	0.30	426.50	0.00	141.57	711.42	0.00	0.00	11.33	1.00	495.02	19.00	0.00	6.00	7.00	1.00	2.00	45,436.23
5552	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	78,448.31	45,436.23	193,944.88	5.00	51.00	21.00	237,492.70	753.88	115.81	237,492.70	65.00	7,790.02	0.30	408.83	0.00	141.57	676.10	0.00	0.00	11.91	2.00	471.18	19.00	0.00	6.00	7.00	1.00	2.00	45,436.23
5553	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	86,363.76	60,240.48	173,514.22	5.00	49.00	23.00	237,614.22	753.88	110.40	237,614.22	67.00	7,153.74	0.30	408.91	0.00	141.57	676.24	0.00	0.00	10.88	4.00	450.66	16.00	0.00	4.00	8.00	0.00	0.00	45,790.18
5554	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	91,495.11	65,431.24	172,205.92	5.00	49.00	23.00	237,587.72	753.88	110.99	237,587.72	64.00	6,888.37	0.30	408.86	0.00	141.57	676.15	0.00	0.00	10.30	3.00	449.86	16.00	0.00	4.00	8.00	0.00	0.00	45,790.18
5555	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	94,825.59	61,473.76	172,799.44	5.00	49.00	29.00	248,317.44	753.88	107.22	248,317.44	65.00	7,570.32	0.30	427.25	0.00	141.57	712.94	0.00	0.00	10.72	3.00	488.67	16.00	0.00	4.00	8.00	1.00	1.00	45,790.18
5556	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	89,694.25	56,283.00	167,506.33	5.00	49.00	25.00	238,024.36	753.88	106.63	238,024.36	68.00	7,835.69	0.30	409.59	0.00	141.57	677.61	0.00	0.00	11.30	4.00	464.83	16.00	0.00	4.00	8.00	1.00	1.00	45,790.18
5557	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	77,143.66	73,506.81	174,769.33	5.00	46.00	23.00	241,262.23	753.88	109.13	241,262.23	63.00	7,049.09	0.30	415.32	0.00	141.57	689.06	0.00	0.00	10.76	4.00	458.61	15.00	0.00	4.00	7.00	0.00	0.00	59,051.86
5558	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	82,275.01	78,697.58	174,743.33	5.00	46.00	23.00	241,235.73	753.88	109.72	241,235.73	60.00	6,783.72	0.30	415.27	0.00	141.57	689.97	0.00	0.00	10.18	3.00	457.81	15.00	0.00	4.00	7.00	0.00	0.00	59,051.86
5559	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	85,605.49	74,730.78	180,327.45	5.00	46.00	27.00	241,683.56	753.88	105.95	241,683.56	61.00	7,465.67	0.30	415.99	0.00	141.57	690.41	0.00	0.00	10.11	1.00	485.26	15.00	0.00	4.00	7.00	1.00	1.00	59,051.86
5560	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	80,474.14	69,540.01	170,034.36	5.00	46.00	23.00	231,940.48	753.88	105.36	231,940.48	64.00	7,130.04	0.30	398.33	0.00	141.57	655.08	0.00	0.00	10.69	2.00	461.42	15.00	0.00	4.00	7.00	1.00	1.00	59,051.86
5561	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	55,636.59	91,024.62	120,237.56	5.00	46.00	19.00	232,377.56	753.88	102.20	232,377.56	59.00	10,099.71	0.30	551.91	0.00	82.49	717.66	0.00	0.00	10.39	4.00	453.23	17.00	1.00	5.00	4.00	0.00	0.00	80,123.99
5562	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	60,767.93	96,215.39	148,979.19	3.00	46.00	19.00	232,351.07	753.88	122.79	232,351.07	56.00	9,834.34	0.30	551.87	0.00	82.49	717.57	0.00	0.00	9.81	3.00	452.43	17.00	1.00	5.00	4.00	0.00	0.00	80,123.99
5563	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	65,897.07	82,057.82	148,979.19	4.00	46.00	19.00	232,351.07	753.88	122.79	232,351.07	56.00	9,834.34	0.30	551.87	0.00	82.49	717.57	0.00	0.00	9.81	3.00	452.43	17.00	1.00	5.00	4.00	0.00	0.00	80,123.99
5564	202, 204, 218, 224, 226, 227, 232, 233, 237, 242, 250, 251, 252, 256, 262, 264, 267, 269, 271, 272, 273, 275	65,897.07	82,057.82	148,979.19	4.00	46.00	19.00	232,351.07	753.88	122.79	232,351.07	56.00	9,834.34	0.30	551.87	0.00	82.49	717.57	0.00	0.00	9.81	3.00	452.43	17.00	1.00	5.00	4.00	0.00	0.00	80,123.99
5565</																														

Table with columns for ID, coordinates, and numerical values. Includes 'PUBLIC' watermarks and 'Exhibit JP-2' labels.

5789	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 255, 256, 262, 263, 265, 270, 269, 268, 272, 274, 275	43,184.24	94,012.75	151,459.18	7.00	46.00	24.00	233,037.77	753.88	110.10	233,037.77	55.00	5,964.24	0.30	401.16	0.00	0.00	108.17	694.14	0.00	0.00	9.49	4.00	457.93	12.00	0.00	4.00	4.00	1.00	0.00	78,330.71	
5790	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 255, 256, 262, 263, 265, 270, 269, 268, 272, 274, 275	48,279.59	99,203.52	151,459.18	7.00	46.00	24.00	233,017.27	753.88	110.70	233,017.27	52.00	5,698.87	0.30	401.11	0.00	0.00	108.17	694.05	0.00	0.00	8.91	3.00	457.13	12.00	0.00	4.00	4.00	1.00	0.00	78,330.71	
5791	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 255, 256, 262, 263, 265, 270, 271, 272, 273, 275	51,610.07	95,236.72	151,459.18	7.00	46.00	24.00	233,459.99	753.88	106.93	233,459.99	53.00	5,698.87	0.30	401.84	0.00	0.00	108.17	695.50	0.00	0.00	8.84	1.00	484.58	12.00	0.00	4.00	4.00	1.00	0.00	78,330.71	
5792	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 255, 256, 262, 263, 265, 270, 271, 272, 273, 275	46,478.72	90,045.95	146,721.80	7.00	46.00	24.00	223,166.01	753.88	106.34	223,166.01	56.00	5,698.87	0.30	384.17	0.00	0.00	108.17	660.17	0.00	0.00	9.42	2.00	460.74	12.00	0.00	4.00	4.00	1.00	0.00	78,330.71	
5793	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 255, 256, 262, 263, 265, 270, 269, 268, 272, 274, 275	52,368.99	100,088.85	148,191.83	7.00	47.00	24.00	233,816.85	753.88	113.37	233,816.85	59.00	5,698.87	0.30	391.64	0.00	0.00	108.17	699.14	0.00	0.00	9.61	4.00	448.96	13.00	0.00	4.00	4.00	1.00	0.00	64,361.13	
5794	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 255, 256, 262, 263, 265, 270, 269, 268, 272, 274, 275	57,499.69	104,885.33	148,191.83	7.00	47.00	24.00	233,855.35	753.88	111.97	233,855.35	56.00	5,698.87	0.30	393.61	0.00	0.00	108.17	690.52	0.00	0.00	9.00	3.00	447.75	13.00	0.00	4.00	4.00	1.00	0.00	64,361.13	
5795	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 255, 256, 262, 263, 265, 270, 269, 268, 272, 274, 275	60,300.17	81,271.79	154,488.76	7.00	47.00	24.00	239,385.07	753.88	108.20	239,385.07	57.00	6,205.47	0.30	412.01	0.00	0.00	108.17	715.84	0.00	0.00	9.45	3.00	486.57	13.00	0.00	4.00	5.00	2.00	1.00	0.00	64,361.13
5796	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 255, 256, 262, 264, 267, 269, 271, 274, 275	55,598.83	76,081.03	144,195.68	7.00	47.00	24.00	239,991.98	753.88	107.61	239,991.98	60.00	6,750.84	0.30	394.34	0.00	0.00	108.17	680.51	0.00	0.00	10.00	4.00	462.73	13.00	0.00	4.00	5.00	2.00	1.00	0.00	64,361.13
5797	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 259, 260, 270, 269, 268, 272, 274, 275	56,452.51	86,279.45	191,417.16	7.00	47.00	24.00	245,262.45	753.88	122.35	245,262.45	59.00	6,300.01	0.30	422.18	0.00	0.00	108.17	736.19	0.00	0.00	10.79	4.00	477.19	18.00	0.00	6.00	6.00	1.00	0.00	50,597.41	
5798	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 259, 260, 270, 269, 268, 272, 274, 275	61,583.86	71,470.22	191,380.66	7.00	52.00	24.00	245,235.95	753.88	122.95	245,235.95	56.00	6,034.64	0.30	422.13	0.00	0.00	108.17	736.09	0.00	0.00	10.21	3.00	476.39	18.00	0.00	6.00	6.00	1.00	0.00	50,597.41	
5799	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 259, 260, 270, 271, 272, 273, 275	64,914.35	67,503.42	196,974.78	7.00	52.00	24.00	245,683.78	753.88	119.18	245,683.78	57.00	6,715.59	0.30	422.86	0.00	0.00	108.17	737.54	0.00	0.00	10.15	3.00	503.83	18.00	0.00	6.00	6.00	1.00	2.00	0.00	50,597.41
5800	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 259, 260, 270, 271, 274, 275	59,783.00	62,312.65	186,661.69	7.00	52.00	24.00	239,390.69	753.88	118.58	239,390.69	60.00	6,981.96	0.30	405.19	0.00	0.00	108.17	702.21	0.00	0.00	10.72	2.00	479.99	18.00	0.00	6.00	6.00	1.00	2.00	0.00	50,597.41
5801	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 261, 263, 264, 267, 268, 272, 274, 275	67,698.45	77,116.90	184,969.29	7.00	50.00	24.00	235,512.21	753.88	113.18	235,512.21	62.00	6,345.68	0.30	405.26	0.00	0.00	108.17	702.35	0.00	0.00	9.70	4.00	459.47	15.00	0.00	4.00	7.00	0.00	0.00	50,951.36	
5802	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 261, 263, 264, 267, 268, 272, 275	72,829.80	82,307.67	164,942.79	7.00	50.00	24.00	235,485.71	753.88	113.77	235,485.71	59.00	6,080.31	0.30	405.22	0.00	0.00	108.17	702.26	0.00	0.00	9.12	3.00	458.67	15.00	0.00	4.00	7.00	0.00	0.00	50,951.36	
5803	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 261, 263, 264, 267, 269, 271, 272, 273, 275	76,160.29	78,350.19	164,942.79	7.00	50.00	24.00	246,215.44	753.88	106.22	246,215.44	60.00	6,762.26	0.30	423.61	0.00	0.00	108.17	739.05	0.00	0.00	9.53	3.00	497.48	15.00	0.00	4.00	7.00	1.00	0.00	50,951.36	
5804	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 261, 263, 264, 267, 269, 271, 274, 275	71,028.94	73,159.42	160,243.14	7.00	50.00	24.00	239,522.35	753.88	109.41	239,522.35	63.00	7,027.63	0.30	405.95	0.00	0.00	108.17	703.72	0.00	0.00	10.11	4.00	473.54	15.00	0.00	4.00	7.00	1.00	0.00	50,951.36	
5805	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	58,478.35	90,383.24	160,506.64	7.00	47.00	24.00	239,160.22	753.88	111.91	239,160.22	58.00	6,241.03	0.30	411.67	0.00	0.00	108.17	715.17	0.00	0.00	9.58	4.00	467.43	14.00	0.00	4.00	6.00	0.00	0.00	64,213.04	
5806	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 261, 265, 270, 269, 268, 272, 275	63,609.70	95,574.00	167,480.14	7.00	47.00	24.00	239,133.72	753.88	112.50	239,133.72	55.00	5,975.66	0.30	411.63	0.00	0.00	108.17	715.08	0.00	0.00	9.00	3.00	466.63	14.00	0.00	4.00	6.00	0.00	0.00	64,213.04	
5807	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	66,940.18	91,607.20	173,064.26	7.00	47.00	24.00	239,581.56	753.88	108.73	239,581.56	56.00	6,657.61	0.30	412.35	0.00	0.00	108.17	716.52	0.00	0.00	8.93	1.00	490.08	14.00	0.00	4.00	6.00	1.00	0.00	64,213.04	
5808	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 239, 241, 244, 246, 249, 253, 257, 261, 265, 270, 271, 274, 275	61,808.83	86,416.44	160,777.17	7.00	47.00	24.00	239,288.47	753.88	108.14	239,288.47	59.00	6,922.98	0.30	394.68	0.00	0.00	108.17	681.19	0.00	0.00	9.51	2.00	470.24	14.00	0.00	4.00	6.00	1.00	0.00	64,213.04	
5809	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 242, 247, 254, 255, 256, 262, 263, 265, 270, 269, 268, 272, 274, 275	59,069.31	75,618.76	160,997.46	7.00	45.00	24.00	239,897.30	753.88	107.32	239,897.30	54.00	5,248.57	0.30	406.12	0.00	0.00	108.17	655.21	0.00	0.00	9.25	4.00	422.85	13.00	0.00	4.00	5.00	1.00	0.00	71,651.96	
5810	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 242, 247, 254, 255, 256, 262, 263, 265, 270, 269, 268, 272, 274, 275	64,200.66	80,809.53	160,970.96	7.00	45.00	24.00	239,870.80	753.88	107.92	239,870.80	51.00	4,983.20	0.30	406.07	0.00	0.00	108.17	655.12	0.00	0.00	8.67	3.00	422.05	13.00	0.00	4.00	5.00	1.00	0.00	71,651.96	
5811	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 242, 247, 254, 255, 256, 262, 263, 265, 270, 271, 272, 273, 275	67,531.14	76,842.73	160,970.96	7.00	45.00	24.00	236,318.63	753.88	104.15	236,318.63	52.00	6,565.16	0.30	406.80	0.00	0.00	108.17	656.56	0.00	0.00	8.61	3.00	449.49	13.00	0.00	4.00	5.00	1.00	0.00	71,651.96	
5812	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 242, 247, 254, 255, 256, 262, 263, 265, 270, 271, 274, 275	62,399.79	71,651.96	156,261.99	7.00	45.00	24.00	226,025.55	753.88	103.56	226,025.55	55.00	5,930.52	0.30	389.13	0.00	0.00	108.17	621.23	0.00	0.00	9.19	2.00	425.65	13.00	0.00	4.00	5.00	2.00	0.00	71,651.96	
5813	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 242, 247, 254, 255, 256, 262, 264, 267, 268, 272, 274, 275	68,289.41	81,644.52	158,460.10	7.00	46.00	24.00	231,541.38	753.88	108.60	231,541.38	58.00	5,353.23	0.30	398.62	0.00	0.00	108.17	640.21	0.00	0.00	9.37	4.00	413.47	14.00	0.00	4.00	6.00	1.00	0.00	57,682.38	
5814	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 242, 247, 254, 255, 256, 262, 264, 267, 268, 272, 275	73,420.76	86,835.28	158,433.61	7.00	46.00	24.00	231,544.88	753.88	109.19	231,544.88	55.00	5,087.86	0.30	399.57	0.00	0.00	108.17	640.12	0.00	0.00	9.79	3.00	412.87	14.00	0.00	4.00	6.00	1.00	0.00	57,682.38	
5815	202, 204, 218, 224, 226, 228, 231, 232, 233, 237, 242, 247, 254, 255, 256, 262, 263, 265, 270, 269, 268, 272, 274, 275	76,751.26	92,220.42	160,970.96	7.00	46.00	24.00	236,799.22	753.88	110.33	236,799.22	56.00	5,698.87	0.30</																		

6041	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 255, 256, 262, 263, 265, 270, 269, 268, 272, 274, 275	38,002.47	79,909.97	161,616.46	6.00	46.00	20.00	239,700.47	753.88	93.78	239,700.47	53.00	4,055.81	0.97	412.67	0.00	0.00	143.18	682.16	0.00	0.00	9.06	4.00	454.73	11.00	0.00	4.00	3.00	1.00	0.00	61,796.61
6042	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 255, 256, 262, 263, 265, 270, 269, 268, 273, 275	43,133.82	85,100.73	161,589.96	6.00	46.00	20.00	239,673.98	753.88	94.38	239,673.98	50.00	3,790.44	0.97	412.62	0.00	0.00	143.18	682.06	0.00	0.00	9.06	4.00	453.93	11.00	0.00	4.00	3.00	1.00	0.00	61,796.61
6043	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 255, 256, 262, 263, 265, 270, 271, 272, 273, 275	46,484.30	91,133.94	167,174.08	6.00	46.00	24.00	240,121.81	753.88	90.61	240,121.81	51.00	3,790.99	0.97	413.34	0.00	0.00	143.18	683.51	0.00	0.00	8.42	1.00	481.38	11.00	0.00	4.00	3.00	1.00	0.00	61,796.61
6044	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 255, 256, 262, 263, 265, 270, 271, 274, 275	41,323.95	75,943.17	156,880.99	6.00	46.00	20.00	229,822.72	753.88	90.02	229,822.72	54.00	3,790.99	0.97	413.68	0.00	0.00	143.18	684.18	0.00	0.00	9.00	2.00	487.54	11.00	0.00	4.00	3.00	1.00	0.00	61,796.61
6045	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 255, 256, 262, 264, 267, 268, 273, 274, 275	47,233.93	95,935.72	159,079.15	6.00	47.00	20.00	235,945.56	753.88	95.65	235,945.56	57.00	4,141.66	0.97	405.17	0.00	0.00	143.18	697.16	0.00	0.00	9.18	3.00	446.36	11.00	0.00	4.00	3.00	1.00	0.00	47,877.03
6046	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 255, 256, 262, 264, 267, 268, 273, 275	22,533.90	45,108.06	87,126.40	6.00	47.00	20.00	125,318.06	753.88	71.65	125,318.06	0.00	1,657.09	0.97	405.12	0.00	0.00	143.18	687.06	0.00	0.00	9.00	3.00	483.37	12.00	0.00	4.00	3.00	1.00	0.00	47,877.03
6047	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 255, 256, 262, 264, 267, 269, 271, 272, 273, 275	55,584.41	67,149.01	164,546.04	6.00	47.00	26.00	246,847.78	753.88	91.88	246,847.78	55.00	4,577.04	0.97	423.52	0.00	0.00	143.18	703.85	0.00	0.00	9.03	3.00	444.37	12.00	0.00	4.00	2.00	1.00	0.00	47,877.03
6048	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 255, 256, 262, 264, 267, 269, 271, 274, 275	50,533.06	61,978.24	154,352.49	6.00	47.00	22.00	235,754.69	753.88	91.29	235,754.69	58.00	4,842.41	0.97	405.85	0.00	0.00	143.18	688.52	0.00	0.00	9.60	4.00	459.53	12.00	0.00	4.00	2.00	1.00	0.00	47,877.03
6049	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 259, 260, 270, 269, 268, 272, 274, 275	51,306.75	52,176.67	150,274.95	6.00	47.00	20.00	251,925.14	753.88	106.03	251,925.14	57.00	4,931.58	0.97	433.68	0.00	0.00	143.18	724.20	0.00	0.00	10.37	4.00	473.99	17.00	0.00	6.00	5.00	0.00	1.00	34,063.31
6050	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 259, 260, 270, 269, 268, 273, 275	56,438.10	57,367.43	150,547.94	5.00	52.00	20.00	251,898.64	753.88	106.63	251,898.64	54.00	4,126.21	0.97	433.64	0.00	0.00	143.18	724.11	0.00	0.00	9.79	3.00	473.19	17.00	0.00	6.00	5.00	0.00	2.00	34,063.31
6051	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 259, 260, 270, 271, 272, 273, 275	59,768.58	53,400.63	207,132.44	5.00	52.00	24.00	252,346.49	753.88	102.86	252,346.49	55.00	4,808.16	0.97	434.36	0.00	0.00	143.18	725.55	0.00	0.00	9.72	1.00	500.64	17.00	0.00	6.00	5.00	1.00	2.00	34,063.31
6052	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 259, 260, 270, 271, 274, 275	54,637.23	48,209.87	196,838.97	5.00	52.00	20.00	242,053.40	753.88	102.28	242,053.40	58.00	5,073.53	0.97	416.70	0.00	0.00	143.18	690.22	0.00	0.00	10.30	2.00	476.80	17.00	0.00	6.00	5.00	1.00	2.00	34,063.31
6053	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 261, 263, 264, 267, 268, 272, 274, 275	62,552.69	63,014.12	177,263.42	5.00	50.00	22.00	242,174.92	753.88	96.86	242,174.92	60.00	4,437.25	0.97	416.77	0.00	0.00	143.18	690.36	0.00	0.00	9.27	4.00	456.28	14.00	0.00	6.00	5.00	0.00	1.00	34,417.27
6054	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 261, 263, 264, 267, 268, 273, 275	67,684.03	68,204.88	175,100.07	6.00	50.00	22.00	242,148.42	753.88	97.45	242,148.42	57.00	4,171.88	0.97	416.73	0.00	0.00	143.18	690.27	0.00	0.00	8.69	3.00	455.48	14.00	0.00	6.00	6.00	0.00	0.00	34,417.27
6055	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 261, 263, 264, 267, 269, 271, 272, 273, 275	71,014.52	64,247.40	180,693.51	7.00	50.00	28.00	257,878.15	753.88	93.68	257,878.15	58.00	4,853.83	0.97	435.12	0.00	0.00	143.18	727.06	0.00	0.00	9.11	3.00	494.28	14.00	0.00	4.00	6.00	1.00	1.00	34,417.27
6056	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 261, 263, 264, 267, 269, 271, 274, 275	66,883.17	59,056.64	170,400.42	7.00	50.00	24.00	242,585.06	753.88	93.09	242,585.06	61.00	5,119.20	0.97	417.46	0.00	0.00	143.18	691.73	0.00	0.00	9.69	4.00	470.45	14.00	0.00	4.00	6.00	1.00	1.00	34,417.27
6057	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 261, 265, 270, 269, 268, 272, 274, 275	53,332.58	76,280.45	173,660.92	6.00	47.00	22.00	243,822.93	753.88	95.59	243,822.93	56.00	4,332.60	0.97	423.18	0.00	0.00	143.18	703.18	0.00	0.00	9.15	4.00	464.23	13.00	0.00	4.00	5.00	0.00	0.00	47,678.94
6058	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 261, 265, 270, 269, 268, 273, 275	58,463.93	81,471.22	177,637.42	5.00	47.00	22.00	245,796.43	753.88	96.18	245,796.43	53.00	4,067.23	0.97	423.14	0.00	0.00	143.18	703.09	0.00	0.00	8.57	3.00	463.43	13.00	0.00	4.00	5.00	0.00	0.00	47,678.94
6059	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 261, 265, 270, 271, 272, 273, 275	61,794.41	77,504.42	172,637.42	6.00	47.00	26.00	246,244.26	753.88	92.41	246,244.26	54.00	4,704.18	0.97	423.86	0.00	0.00	143.18	704.53	0.00	0.00	8.51	1.00	490.88	13.00	0.00	4.00	5.00	1.00	1.00	47,678.94
6060	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 243, 249, 253, 257, 261, 265, 270, 271, 274, 275	56,663.07	72,313.65	172,928.45	6.00	47.00	22.00	235,951.18	753.88	91.82	235,951.18	57.00	5,014.55	0.97	406.19	0.00	0.00	143.18	669.20	0.00	0.00	9.08	2.00	467.04	13.00	0.00	4.00	5.00	1.00	0.00	47,678.94
6061	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 244, 245, 262, 263, 265, 270, 269, 268, 272, 274, 275	55,636.59	70,817.31	178,383.45	6.00	47.00	18.00	244,593.97	753.88	96.18	244,593.97	56.00	6,211.11	0.97	572.96	0.00	0.00	143.18	699.06	0.00	0.00	9.31	4.00	452.62	18.00	0.00	6.00	3.00	0.00	0.00	49,923.23
6062	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 244, 245, 262, 263, 265, 270, 269, 268, 273, 275	60,767.93	76,008.08	178,356.83	4.00	47.00	18.00	244,567.47	753.88	96.77	244,567.47	53.00	5,946.74	0.97	572.91	0.00	0.00	143.18	698.97	0.00	0.00	8.73	3.00	451.82	18.00	0.00	6.00	3.00	0.00	0.00	49,923.23
6063	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 244, 245, 262, 263, 265, 270, 271, 272, 273, 275	64,098.42	72,041.28	183,960.45	4.00	47.00	22.00	245,035.30	753.88	93.00	245,035.30	54.00	6,629.69	0.97	573.63	0.00	0.00	143.18	700.41	0.00	0.00	8.66	1.00	479.26	18.00	0.00	6.00	3.00	0.00	1.00	49,923.23
6064	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 244, 245, 262, 263, 265, 270, 271, 274, 275	58,967.07	66,850.51	173,647.87	4.00	47.00	18.00	234,722.21	753.88	92.41	234,722.21	57.00	6,894.06	0.97	555.97	0.00	0.00	143.18	665.08	0.00	0.00	9.24	2.00	455.42	18.00	0.00	6.00	3.00	1.00	1.00	49,923.23
6065	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 244, 245, 262, 264, 267, 268, 272, 274, 275	64,856.69	56,843.07	175,845.98	4.00	48.00	18.00	240,238.05	753.88	97.45	240,238.05	60.00	6,316.76	0.97	565.46	0.00	0.00	143.18	684.06	0.00	0.00	9.43	4.00	443.24	19.00	0.00	6.00	4.00	0.00	0.00	35,954.64
6066	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 244, 245, 262, 264, 267, 268, 273, 275	69,988.04	62,033.88	175,819.48	4.00	48.00	18.00	240,211.55	753.88	98.04	240,211.55	57.00	6,051.39	0.97	565.41	0.00	0.00	143.18	683.97	0.00	0.00	8.85	3.00	442.44	19.00	0.00	6.00	4.00	0.00	0.00	35,954.64
6067	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 244, 245, 262, 264, 267, 269, 271, 272, 273, 275	73,318.52	58,076.35	181,422.82	4.00	48.00	24.00	250,941.27	753.88	94.27	250,941.27	58.00	6,733.34	0.97	583.81	0.00	0.00	143.18	720.76	0.00	0.00	9.27	3.00	481.25	19.00	0.00	6.00	4.00	1.00	1.00	35,954.64
6068	202, 202, 204, 218, 224, 226, 228, 234, 236, 239, 241, 244, 245, 262, 264, 267, 269, 271, 274, 275	68,197.17	52,885.59	171,119.84	4.00	48.00	20.00	2																							

Table E-7. RWZ Scores
Meade Project

Route	Length along existing distribution line	Length not along roads	Length not along existing transmission lines	Transmission line crossings	Road crossings	Heavy angles > 30 degrees	Length through 1.1 X the turbine height	Center pivot irrigation systems acres in ROW	Total length	Stream crossings (NHD)	Length through Floodways/ Floodplains 100Yr (FEMA)	Woodland acres in ROW (NLCD)	Lesser prairie-chicken Score	Lesser prairie-chicken CHAT Category 1 (SGP) - acres crossed (Acres)	Lesser prairie-chicken CHAT Category 2 (SGP) - acres crossed (Acres)	Lesser prairie-chicken CHAT Category 3 (SGP) - acres crossed (Acres)	Lesser prairie-chicken CHAT Category 4 (SGP) - acres crossed (Acres)	Lesser prairie-chicken Known Active Leks (SGP) - acres crossed (Acres)	Lesser prairie-chicken Known Historic Leks (SGP) - acres crossed (Acres)	Wetland acres in ROW	Cultural sites within 1320ft	Nonirrigated Cropland acres in ROW	Residential proximity score	Residences 0-150 feet	Residences 150-300 feet	Residences 300-500 feet	Length not along parcel boundary	Total
1	-1.04	-1.23	1.57	-1.59	0.02	-1.05	-0.94	-0.80	1.68	2.28	1.44	5.24	-2.89	0.00	0.00	-3.09	-3.60	-0.33	0.00	2.63	-0.51	-1.78	0.50	-0.33	0.43	0.46	-1.10	-30.59755853
2	-0.74	-1.00	1.57	-1.59	0.02	-1.05	-0.94	-0.77	1.68	1.74	1.28	5.24	-2.89	0.00	0.00	-3.09	-3.60	-0.33	0.00	2.23	-0.79	-1.82	0.50	-0.33	0.43	0.46	-1.10	-31.36546113
3	-0.55	-1.18	1.74	-1.59	0.02	0.01	-0.94	-0.96	1.72	1.92	1.69	5.24	-2.88	0.00	0.00	-3.09	-3.56	-0.33	0.00	2.19	-1.35	-0.51	0.50	-0.33	0.43	0.46	-1.10	-26.24963542
4	-0.84	-1.40	1.42	-1.59	0.02	-1.05	-0.94	-1.00	0.81	2.46	1.85	5.24	-3.22	0.00	0.00	-3.09	-4.52	-0.33	0.00	2.58	-1.07	-1.65	0.50	-0.33	0.43	0.46	-1.10	-38.71996086
5	-1.64	-1.23	1.75	-1.59	0.36	-1.58	-0.94	-0.80	1.68	2.65	1.44	5.24	-2.11	0.00	0.00	-2.67	-1.89	-0.33	0.00	2.82	-0.51	-1.01	1.26	-0.33	0.95	1.16	-1.10	-12.58828189
6	-1.35	-1.00	1.74	-1.59	0.36	-1.58	-0.94	-0.77	1.68	2.10	1.28	5.24	-2.11	0.00	0.00	-2.67	-1.89	-0.33	0.00	2.42	-0.79	-1.05	1.26	-0.33	0.95	1.16	-1.10	-13.35618637
7	-1.15	-1.18	1.92	-1.59	0.36	-0.52	-0.94	-0.96	1.72	2.28	1.69	5.24	-2.09	0.00	0.00	-2.67	-1.85	-0.33	0.00	2.38	-1.35	0.26	1.26	-0.33	0.95	1.16	-1.10	-8.240358974
8	-1.45	-1.40	1.60	-1.59	0.36	-1.58	-0.94	-1.00	0.81	2.83	1.85	5.24	-2.43	0.00	0.00	-2.67	-2.81	-0.33	0.00	2.77	-1.07	-0.88	1.26	-0.33	0.95	1.16	-1.10	-20.71068609
9	-1.43	-0.69	1.06	-0.79	-0.68	-1.58	-0.94	-1.16	0.83	0.10	-2.06	5.24	-1.68	0.00	0.00	-1.76	-1.78	-0.33	0.00	-0.43	-0.51	-1.81	0.25	-0.33	0.43	-0.24	-0.51	-35.94767431
10	-1.14	-0.47	1.06	-0.79	-0.68	-1.58	-0.94	-1.13	0.83	-0.44	-2.22	5.24	-1.68	0.00	0.00	-1.76	-1.79	-0.33	0.00	-0.83	-0.79	-1.85	0.25	-0.33	0.43	-0.24	-0.51	-36.71557691
11	-0.94	-0.64	1.24	-0.79	-0.68	-0.52	-0.94	-1.33	0.87	-0.26	-1.82	5.24	-1.67	0.00	0.00	-1.76	-1.75	-0.33	0.00	-0.87	-1.35	-0.54	0.25	-0.33	0.43	-0.24	-0.51	-31.59974935
12	-1.24	-0.87	0.92	-0.79	-0.68	-1.58	-0.94	-1.36	-0.04	0.28	-1.66	5.24	-2.00	0.00	0.00	-1.76	-2.70	-0.33	0.00	-0.48	-1.07	-1.67	0.25	-0.33	0.43	-0.24	-0.51	-44.07007646
13	-0.90	-1.30	0.99	-0.79	-0.33	-1.58	-0.94	-1.10	0.45	0.83	-2.00	5.24	-1.82	0.00	0.00	-1.76	-2.19	-0.33	0.00	-0.35	-0.51	-2.25	0.50	-0.33	0.43	0.46	-1.06	-44.55114082
14	-0.61	-1.08	0.98	-0.79	-0.33	-1.58	-0.94	-1.07	0.45	0.28	-2.16	5.24	-1.82	0.00	0.00	-1.76	-2.19	-0.33	0.00	-0.74	-0.79	-2.29	0.50	-0.33	0.43	0.46	-1.06	-45.3190451
15	-0.41	-1.25	1.16	-0.79	-0.33	0.01	-0.94	-1.26	1.39	0.46	-1.75	5.24	-1.47	0.00	0.00	-1.76	-1.20	-0.33	0.00	-0.46	-0.79	-0.44	0.50	-0.33	0.43	0.46	-1.06	-29.10566077
16	-0.71	-1.47	0.84	-0.79	-0.33	-1.05	-0.94	-1.30	0.49	1.01	-1.60	5.24	-1.81	0.00	0.00	-1.76	-2.15	-0.33	0.00	-0.07	-0.51	-1.58	0.50	-0.33	0.43	0.46	-1.06	-41.57598788
17	-0.67	-1.90	2.30	-1.59	1.40	-1.05	-0.94	-0.52	1.91	0.83	-1.86	5.24	-1.27	0.00	0.00	-1.76	-0.65	-0.33	0.00	0.46	-0.51	-0.89	1.76	-0.33	1.47	1.16	-1.61	-20.18984105
18	-0.37	-1.67	2.30	-1.59	1.40	-1.05	-0.94	-0.49	1.91	0.28	-2.02	5.24	-1.28	0.00	0.00	-1.76	-0.65	-0.33	0.00	0.06	-0.79	-0.93	1.76	-0.33	1.47	1.16	-1.61	-20.95774365
19	-0.18	-1.85	2.48	-1.59	1.40	0.01	-0.94	-0.69	1.95	0.46	-1.62	5.24	-1.26	0.00	0.00	-1.76	-0.61	-0.33	0.00	0.02	-1.35	0.38	1.76	-0.33	1.47	1.16	-1.61	-15.84191813
20	-0.47	-2.07	2.16	-1.59	1.40	-1.05	-0.94	-0.72	1.04	1.01	-1.46	5.24	-1.60	0.00	0.00	-1.76	-1.57	-0.33	0.00	0.41	-1.07	-0.76	1.76	-0.33	1.47	1.16	-1.61	-28.31224357
21	-0.02	-1.43	1.48	0.00	0.71	-0.52	-0.94	-1.00	1.05	1.37	-1.84	5.24	-1.60	0.00	0.00	-1.76	-1.56	-0.33	0.00	-0.29	-0.51	-1.74	1.01	-0.33	0.43	1.85	-1.59	-26.19062415
22	0.28	-1.20	1.48	0.00	0.71	-0.52	-0.94	-0.97	1.05	0.83	-1.99	5.24	-1.60	0.00	0.00	-1.76	-1.57	-0.33	0.00	-0.68	-0.79	-1.77	1.01	-0.33	0.43	1.85	-1.59	-26.95852675
23	0.47	-1.37	1.66	0.00	0.71	1.07	-0.94	-1.17	1.99	1.01	-1.59	5.24	-1.25	0.00	0.00	-1.76	-0.57	-0.33	0.00	-0.40	-0.79	0.07	1.01	-0.33	0.43	1.85	-1.59	-10.74514409
24	0.17	-1.60	1.34	0.00	0.71	0.01	-0.94	-1.20	1.09	1.56	-1.43	5.24	-1.59	0.00	0.00	-1.76	-1.53	-0.33	0.00	-0.01	-0.51	-1.06	1.01	-0.33	0.43	1.85	-1.59	-23.21546936
25	-0.55	-0.85	1.56	-1.59	-0.33	-0.52	-0.94	-1.07	1.37	0.65	-1.90	5.24	-1.48	0.00	0.00	-1.76	-1.22	-0.33	0.00	-0.37	-0.51	-1.36	0.75	-0.33	0.43	1.16	-1.07	-30.55490613
26	-0.25	-0.63	1.56	-1.59	-0.33	-0.52	-0.94	-1.04	1.37	0.10	-2.06	5.24	-1.48	0.00	0.00	-1.76	-1.22	-0.33	0.00	-0.77	-0.79	-1.40	0.75	-0.33	0.43	1.16	-1.07	-31.3281078
27	-0.06	-0.80	1.73	-1.59	-0.33	0.54	-0.94	-1.24	1.41	0.28	-1.65	5.24	-1.46	0.00	0.00	-1.76	-1.18	-0.33	0.00	-0.81	-1.35	-0.09	0.75	-0.33	0.43	1.16	-1.07	-26.20698321
28	-0.36	-1.02	1.41	-1.59	-0.33	-0.52	-0.94	-1.27	0.50	0.83	-1.49	5.24	-1.80	0.00	0.00	-1.76	-2.14	-0.33	0.00	-0.42	-1.07	-1.22	0.75	-0.33	0.43	1.16	-1.07	-38.67730865
29	-1.64	-0.02	0.64	-1.59	0.71	-1.05	-0.94	-0.80	1.41	1.74	1.32	5.24	-3.02	0.00	0.00	-3.09	-3.96	-0.33	0.00	4.28	-0.51	-1.23	0.50	-0.33	0.43	0.46	-0.73	-14.59214263
30	-1.35	0.20	0.64	-1.59	0.71	-1.05	-0.94	-0.77	1.40	1.19	1.16	5.24	-3.02	0.00	0.00	-3.09	-3.96	-0.33	0.00	3.88	-0.79	-1.26	0.50	-0.33	0.43	0.46	-0.73	-15.36004728
31	-1.15	0.03	0.82	-1.59	0.71	0.01	-0.94	-0.96	1.44	1.37	1.56	5.24	-3.01	0.00	0.00	-3.09	-3.92	-0.33	0.00	3.84	-1.35	0.04	0.50	-0.33	0.43	0.46	-0.73	-10.24421972
32	-1.45	-0.20	0.50	-1.59	0.71	-1.05	-0.94	-1.00	0.54	1.92	1.72	5.24	-3.35	0.00	0.00	-3.09	-4.88	-0.33	0.00	4.23	-1.07	-1.09	0.50	-0.33	0.43	0.46	-0.73	-22.71454498
33	-0.85	-0.57	1.07	-0.79	0.02	-0.26	-0.94	-0.91	1.11	0.65	0.53	-0.94	3.08	0.00	0.00	0.34	0.87	3.02	0.00	0.14	-0.51	0.62	2.76	3.02	2.51	-0.93	-0.81	36.45036062
34	-0.56	-0.34	1.07	-0.79	0.02	-0.26	-0.94	-0.88	1.11	0.10	0.37	-0.94	3.08	0.00	0.00	0.34	0.86	3.02	0.00	-0.26	-0.79	0.58	2.76	3.02	2.51	-0.93	-0.81	35.68245597
35	-0.37	-0.51	1.24	-0.79	0.02	0.80	-0.94	-1.07	1.15	0.28	0.78	-0.94	3.10	0.00	0.00	0.34	0.90	3.02	0.00	-0.30	-1.35	1.88	2.76	3.02	2.51	-0.93	-0.81	40.79828373
36	-0.66	-0.74	0.92	-0.79	0.02	-0.26	-0.94	-1.11	0.24	0.83	0.93	-0.94	2.76	0.00	0.00	0.34	-0.05	3.02	0.00	0.09	-1.07	0.75	2.76	3.02	2.51	-0.93	-0.81	28.32795829
37	-0.32	-1.18	0.99	-0.79	0.36	-0.26	-0.94	-0.84	0.73	1.37	0.59	-0.94	2.94	0.00	0.00	0.34	0.46	3.02	0.00	0.22	-0.51	1.7	3.01	3.02	2.51	-0.24	-1.36	27.84689225
38	-0.03	-0.95	0.99	-0.79	0.36	-0.26	-0.94	-0.81	0.73	0.83	0.43	-0.94	2.94	0.00	0.00	0.34	0.46	3.02	0.00	-0.18	-0.79	0.13	3.01	3.02	2.51	-0.24	-1.36	27.07898965
39	0.16	-1.12	1.16	-0.79	0.36	1.33	-0.94	-1.01	1.67	1.01	0.84	-0.94	3.29	0.00	0.00	0.34	1.45	3.02	0.00	0.11	-0.79	1.98	3.01	3.02	2.51	-0.24	-1.36	43.29237231
40	-0.13	-1.35	0.84	-0.79	0.36	0.27	-0.94	-1.04	0.76	1.56	1.00	-0.94	2.95	0.00	0.00	0.34	0.50	3.02	0.00	0.50	-0.51	0.84	3.01	3.02	2.51	-0.24	-1.36	30.82204724
41	-2.11	0.47	0.02	-0.79	-0.33	-0.79	-0.94	-1.04	0.24	-0.08	-0.79	-0.94	-0.16	0.00	0.00	0.34	-0.06	-0.33	0.00	-0.12	-0.51	0.52	1.01	-0.33	1.47	-0.93	0.14	-6.936988574
42	-1.81	0.70	0.02	-0.79	-0.33	-0.79	-0.94	-1.01	0.24	-0.63	-0.94	-0.94	-0.16	0.00	0.00	0.34	-0.06	-0.33	0.00	-0.51	-0.79	0.48	1.01	-0.33	1.47	-0.93	0.14	-7.704893049
43	-0.62	0.52	0.19	-0.79	-0.33	0.27	-0.94	-1.21	0.28	-0.44	-0.54	-0.94	-0.15	0.00	0.00	0.34	-0.02	-0.33	0.00	-0.56	-1.35	1.79	1.01	-0.33	1.47	-0.93	0.14	-2.589065658
44	-1.91	0.30	-0.13	-0.79	-0.33	-0.79	-0.94	-1.24	-0.63	0.10	-0.38	-0.94	-0.49	0.00	0.00	0.34												

76	-0.79	-0.58	1.10	0.00	0.36	0.54	-0.94	-0.99	0.52	0.83	-0.34	-0.94	-0.06	0.00	0.00	0.34	0.23	-0.33	0.00	-0.04	-1.07	1.45	1.51	-0.33	1.47	0.46	1.07	0.992119772
77	-2.11	0.65	-0.46	-0.79	-0.68	-1.05	-0.94	-1.19	-0.16	-0.26	-1.03	-0.94	-0.31	0.00	0.00	0.37	-0.51	-0.33	0.00	-0.14	-0.51	0.22	1.01	-0.33	1.47	-0.93	0.58	-9.292590608
78	-1.81	0.88	-0.47	-0.79	-0.68	-1.05	-0.94	-1.16	-0.16	-0.81	-1.19	-0.94	-0.31	0.00	0.00	0.37	-0.51	-0.33	0.00	-0.54	-0.79	0.18	1.01	-0.33	1.47	-0.93	0.58	-10.06049526
79	-1.62	0.71	-0.29	-0.79	-0.68	0.01	-0.94	-1.35	-0.12	-0.63	-0.78	-0.94	-0.30	0.00	0.00	0.37	-0.47	-0.33	0.00	-0.58	-1.35	1.49	1.01	-0.33	1.47	-0.93	0.58	-4.944667692
80	-1.91	0.48	-0.61	-0.79	-0.68	-1.05	-0.94	-1.38	-1.03	-0.08	-0.62	-0.94	-0.64	0.00	0.00	0.37	-1.43	-0.33	0.00	-0.19	-1.07	0.35	1.01	-0.33	1.47	-0.93	0.58	-17.41499313
81	-1.57	0.05	-0.54	-0.79	-0.33	-1.05	-0.94	-1.12	-0.54	0.46	-0.97	-0.94	-0.46	0.00	0.00	0.37	-0.92	-0.33	0.00	-0.06	-0.51	-0.23	1.26	-0.33	1.47	-0.24	0.03	-17.89605917
82	-1.28	0.27	-0.54	-0.79	-0.33	-1.05	-0.94	-1.09	-0.54	-0.08	-1.12	-0.94	-0.46	0.00	0.00	0.37	-0.92	-0.33	0.00	-0.46	-0.79	-0.26	1.26	-0.33	1.47	-0.24	0.03	-18.66396177
83	-1.09	0.10	-0.37	-0.79	-0.33	0.54	-0.94	-1.29	0.40	0.10	-0.72	-0.94	-0.10	0.00	0.00	0.37	0.08	-0.33	0.00	-0.17	-0.79	1.58	1.26	-0.33	1.47	-0.24	0.03	-2.450579114
84	-1.38	-0.13	-0.69	-0.79	-0.33	-0.52	-0.94	-1.32	-0.50	0.65	-0.56	-0.94	-0.44	0.00	0.00	0.37	-0.88	-0.33	0.00	0.22	-0.51	0.45	1.26	-0.33	1.47	-0.24	0.03	-14.92090455
85	-2.11	0.62	-0.36	0.80	-0.68	-0.26	-0.94	-1.19	-0.08	-0.44	-1.03	-0.94	-0.28	0.00	0.00	0.37	-0.42	-0.33	0.00	-0.21	-0.51	0.37	1.01	-0.33	1.47	-0.93	0.49	3.101638759
86	-1.81	0.84	-0.37	0.80	-0.68	-0.26	-0.94	-1.16	-0.08	-0.99	-1.19	-0.94	-0.28	0.00	0.00	0.37	-0.43	-0.33	0.00	-0.61	-0.79	0.33	1.01	-0.33	1.47	-0.93	0.49	2.333736349
87	-1.62	0.67	-0.19	0.80	-0.68	0.80	-0.94	-1.35	-0.04	-0.81	-0.78	-0.94	-0.27	0.00	0.00	0.37	-0.39	-0.33	0.00	-0.65	-1.35	1.63	1.01	-0.33	1.47	-0.93	0.49	7.449563915
88	-1.91	0.44	-0.51	0.80	-0.68	-0.26	-0.94	-1.38	-0.94	-0.26	-0.62	-0.94	-0.61	0.00	0.00	0.37	-1.34	-0.33	0.00	-0.26	-1.07	0.50	1.01	-0.33	1.47	-0.93	0.49	-5.02076357
89	-1.57	0.01	-0.44	0.80	-0.33	-0.26	-0.94	-1.12	-0.46	0.28	-0.97	-0.94	-0.43	0.00	0.00	0.37	-0.83	-0.33	0.00	-0.13	-0.51	-0.08	1.26	-0.33	1.47	-0.24	-0.06	-5.501827562
90	-1.28	0.23	-0.44	0.80	-0.33	-0.26	-0.94	-1.09	-0.46	0.28	-1.12	-0.94	-0.43	0.00	0.00	0.37	-0.94	-0.33	0.00	-0.52	-0.79	-0.12	1.26	-0.33	1.47	-0.24	-0.06	-6.26973221
91	-1.09	0.06	-0.27	0.80	-0.33	1.33	-0.94	-1.29	0.48	-0.08	-0.72	-0.94	-0.07	0.00	0.00	0.37	0.16	-0.33	0.00	-0.24	-0.79	1.73	1.26	-0.33	1.47	-0.24	-0.06	9.943652494
92	-1.38	-0.16	-0.59	0.80	-0.33	0.27	-0.94	-1.32	-0.42	0.46	-0.56	-0.94	-0.41	0.00	0.00	0.37	-0.79	-0.33	0.00	0.15	-0.51	0.60	1.26	-0.33	1.47	-0.24	-0.06	-2.526674991
93	-1.87	-0.06	0.26	0.80	-0.33	0.27	-0.94	-1.03	0.45	-0.08	-1.16	-0.94	-0.08	0.00	0.00	0.37	0.13	-0.33	0.00	-0.08	-0.51	0.57	1.01	-0.33	1.47	-0.93	-0.07	1.486824301
94	-1.57	0.16	0.26	0.80	-0.33	0.27	-0.94	-1.00	0.45	-0.63	-1.31	-0.94	-0.09	0.00	0.00	0.37	0.13	-0.33	0.00	-0.47	-0.79	0.53	1.01	-0.33	1.47	-0.93	-0.07	0.718919651
95	-1.38	-0.01	0.43	0.80	-0.33	1.33	-0.94	-1.20	0.49	-0.44	-0.91	-0.94	-0.07	0.00	0.00	0.37	0.17	-0.33	0.00	-0.52	-1.35	1.83	1.01	-0.33	1.47	-0.93	-0.07	5.834747217
96	-1.68	-0.24	0.11	0.80	-0.33	0.27	-0.94	-1.23	-0.42	0.10	-0.75	-0.94	-0.41	0.00	0.00	0.37	-0.79	-0.33	0.00	-0.13	-1.07	0.70	1.01	-0.33	1.47	-0.93	-0.07	-6.635580268
97	-1.34	-0.67	0.18	0.80	0.02	0.27	-0.94	-0.97	0.07	0.65	-1.09	-0.94	-0.23	0.00	0.00	0.37	-0.28	-0.33	0.00	0.00	-0.51	0.12	1.26	-0.33	1.47	-0.24	-0.62	-7.11664407
98	-1.04	-0.44	0.18	0.80	0.02	0.27	-0.94	-0.94	0.06	0.10	-1.25	-0.94	-0.23	0.00	0.00	0.37	-0.28	-0.33	0.00	-0.39	-0.79	0.08	1.26	-0.33	1.47	-0.24	-0.62	-7.884548718
99	-0.85	-0.62	0.35	0.80	0.02	1.86	-0.94	-1.13	1.01	0.28	-0.85	-0.94	0.12	0.00	0.00	0.37	0.72	-0.33	0.00	-0.11	-0.79	1.93	1.26	-0.33	1.47	-0.24	-0.62	8.328835796
100	-1.15	-0.84	0.04	0.80	0.02	0.80	-0.94	-1.16	0.10	0.83	-0.69	-0.94	-0.22	0.00	0.00	0.37	-0.24	-0.33	0.00	0.29	-0.51	0.79	1.26	-0.33	1.47	-0.24	-0.62	-4.141489082
101	-1.10	-1.27	1.50	0.00	1.75	0.27	-0.94	-0.39	1.53	0.65	-0.96	-0.94	0.32	0.00	0.00	0.37	1.27	-0.33	0.00	0.81	-0.51	1.48	2.51	-0.33	2.51	0.46	-1.17	16.1987165
102	-0.81	-1.04	1.50	0.00	1.75	0.27	-0.94	-0.36	1.52	0.10	-1.11	-0.94	0.32	0.00	0.00	0.37	1.27	-0.33	0.00	0.42	-0.79	1.44	2.51	-0.33	2.51	0.46	-1.17	15.43081444
103	-0.62	-1.22	1.67	0.00	1.75	1.33	-0.94	-0.56	1.56	0.28	-0.71	-0.94	0.33	0.00	0.00	0.37	1.31	-0.33	0.00	0.37	-1.35	2.75	2.51	-0.33	2.51	0.46	-1.17	20.54663942
104	-0.91	-1.44	1.35	0.00	1.75	0.27	-0.94	-0.59	0.66	0.83	-0.55	-0.94	-0.01	0.00	0.00	0.37	0.35	-0.33	0.00	0.77	-1.07	1.62	2.51	-0.33	2.51	0.46	-1.17	8.076314522
105	-0.45	-0.80	0.68	1.59	1.06	0.80	-0.94	-0.87	0.67	1.19	-0.93	-0.94	-0.01	0.00	0.00	0.37	0.35	-0.33	0.00	0.06	-0.51	0.64	1.76	-0.33	1.47	1.16	-1.15	10.19793413
106	-0.16	-0.57	0.68	1.59	1.06	0.80	-0.94	-0.84	0.67	0.65	-1.09	-0.94	-0.01	0.00	0.00	0.37	0.35	-0.33	0.00	-0.33	-0.79	0.60	1.76	-0.33	1.47	1.16	-1.15	9.430031533
107	0.03	-0.74	0.85	1.59	1.06	2.39	-0.94	-1.04	1.61	0.83	-0.68	-0.94	0.35	0.00	0.00	0.37	1.35	-0.33	0.00	-0.05	-0.79	2.45	1.76	-0.33	1.47	1.16	-1.15	25.64341419
108	-0.26	-0.97	0.53	1.59	1.06	1.33	-0.94	-1.07	0.70	1.37	-0.52	-0.94	0.01	0.00	0.00	0.37	0.39	-0.33	0.00	0.35	-0.51	1.31	1.76	-0.33	1.47	1.16	-1.15	13.17308875
109	-0.99	-0.22	0.76	0.00	0.02	0.80	-0.94	-0.94	0.99	0.46	-0.99	-0.94	0.12	0.00	0.00	0.37	0.70	-0.33	0.00	-0.02	-0.51	1.02	1.51	-0.33	1.47	0.46	-0.63	5.833651787
110	-0.69	0.01	0.76	0.00	0.02	0.80	-0.94	-0.91	0.99	-0.08	-1.15	-0.94	0.12	0.00	0.00	0.37	0.70	-0.33	0.00	-0.41	-0.79	0.98	1.51	-0.33	1.47	0.46	-0.63	5.065747311
111	-0.50	-0.17	0.93	0.00	0.02	1.86	-0.94	-1.11	1.03	0.10	-0.74	-0.94	0.13	0.00	0.00	0.37	0.74	-0.33	0.00	-0.46	-1.35	2.29	1.51	-0.33	1.47	0.46	-0.63	10.1815747
112	-0.79	-0.39	0.61	0.00	0.02	0.80	-0.94	-1.14	0.12	0.65	-0.59	-0.94	-0.21	0.00	0.00	0.37	-0.22	-0.33	0.00	-0.07	-1.07	1.15	1.51	-0.33	1.47	0.46	-0.63	-2.288750558
113	-0.85	-0.46	0.78	-0.79	0.02	-0.26	-0.94	-0.91	0.88	0.46	0.12	-0.94	3.00	0.00	0.00	0.37	0.59	3.02	0.00	0.09	-0.51	0.46	2.76	3.02	2.51	-0.93	-0.54	35.57553211
114	-0.56	-0.23	0.78	-0.79	0.02	-0.26	-0.94	-0.88	0.88	-0.08	-0.03	-0.94	3.00	0.00	0.00	0.37	0.59	3.02	0.00	-0.31	-0.79	0.43	2.76	3.02	2.51	-0.93	-0.54	34.80762746
115	-0.37	-0.41	0.95	-0.79	0.02	0.80	-0.94	-1.07	0.92	0.10	0.37	-0.94	3.01	0.00	0.00	0.37	0.63	3.02	0.00	-0.35	-1.35	1.73	2.76	3.02	2.51	-0.93	-0.54	39.92345503
116	-0.66	-0.63	0.63	-0.79	0.02	-0.26	-0.94	-1.11	0.01	0.65	0.53	-0.94	2.67	0.00	0.00	0.37	-0.33	3.02	0.00	0.04	-1.07	0.60	2.76	3.02	2.51	-0.93	-0.54	27.45312771
117	-0.32	-1.07	0.70	-0.79	0.36	-0.26	-0.94	-0.84	0.50	1.19	0.19	-0.94	2.85	0.00	0.00	0.37	0.18	3.02	0.00	0.17	-0.51	0.02	3.01	3.02	2.51	-0.24	-1.09	26.97206355
118	-0.03	-0.84	0.70	-0.79	0.36	-0.26	-0.94	-0.81	0.50	0.65	0.03	-0.94	2.85	0.00	0.00	0.37	0.18	3.02	0.00	-0.22	-0.79	-0.02	3.01	3.02	2.51	-0.24	-1.09	26.2041589
119	0.16	-1.01	0.87	-0.79	0.36	1.33	-0.94	-1.01	1.44	0.83	0.43	-0.94	3.21	0.00	0.00	0.37	1.18	3.02	0.00	0.06	-0.79	1.83	3.01	3.02	2.51	-0.24	-1.09	42.41754378
120	-0.13	-1.24	0.56	-0.79	0.36	0.27	-0.94	-1.04	0.53	1.37	0.59	-0.94	2.87	0.00	0.00	0.37	0.22	3.02	0.00	0.45	-0.51	0.69	3.01	3.02	2.51	-0.24	-1.09	29.94721871
121	-2.11	0.58	-0.27	-0.79	-0.33	-0.26	-0.94	-1.04	0.01	-0.36	-1.19	-0.94	-0.25	0.00	0													

160	-0.76	-1.11	0.61	-0.79	-0.33	0.01	-0.94	-1.23	0.00	-0.08	-1.34	-0.94	-0.25	0.00	0.00	1.46	-1.67	-0.33	0.00	-0.31	-1.07	-0.83	1.26	-0.33	1.47	-0.25	0.51	30.7939684
161	-0.42	-1.54	0.67	-0.79	0.02	0.01	-0.94	-0.97	0.48	0.46	-1.68	-0.94	-0.07	0.00	0.00	1.46	-1.16	-0.33	0.00	-0.18	-0.51	-1.40	1.51	-0.33	1.47	0.46	-1.06	-31.27503239
162	-0.13	-1.32	0.67	-0.79	0.02	0.01	-0.94	-0.94	0.48	-0.08	-1.84	-0.94	-0.07	0.00	0.00	1.46	-1.16	-0.33	0.00	-0.58	-0.79	-1.44	1.51	-0.33	1.47	0.46	-1.06	-32.04293704
163	0.07	-1.49	0.85	-0.79	0.02	1.60	-0.94	-1.13	1.42	0.10	-1.43	-0.94	0.28	0.00	0.00	1.46	-0.16	-0.33	0.00	-0.29	-0.79	0.40	1.51	-0.33	1.47	0.46	-1.06	-15.82955234
164	-0.23	-1.71	0.53	-0.79	0.02	0.54	-0.94	-1.16	0.52	0.65	-1.28	-0.94	-0.06	0.00	0.00	1.46	-1.12	-0.33	0.00	0.10	-0.51	-0.73	1.51	-0.33	1.47	0.46	-1.06	-28.29987741
165	-0.19	-2.14	1.99	-1.59	1.75	0.54	-0.94	-0.39	1.94	0.46	-1.54	-0.94	0.48	0.00	0.00	1.46	0.39	-0.33	0.00	0.62	-0.51	-0.04	2.76	-0.33	2.51	1.16	-1.61	-6.913732989
166	0.11	-1.92	1.99	-1.59	1.75	0.54	-0.94	-0.36	1.94	-0.08	-1.70	-0.94	0.47	0.00	0.00	1.46	0.38	-0.33	0.00	0.23	-0.79	-0.08	2.76	-0.33	2.51	1.16	-1.61	-7.681635222
167	0.30	-2.09	2.16	-1.59	1.75	1.60	-0.94	-0.56	1.98	0.10	-1.30	-0.94	0.49	0.00	0.00	1.46	0.42	-0.33	0.00	0.19	-1.35	1.22	2.76	-0.33	2.51	1.16	-1.61	-2.565810074
168	0.01	-2.31	1.84	-1.59	1.75	0.54	-0.94	-0.59	1.07	0.65	-1.14	-0.94	0.15	0.00	0.00	1.46	-0.53	-0.33	0.00	0.58	-1.07	0.09	2.76	-0.33	2.51	1.16	-1.61	-15.03613514
169	0.46	-1.67	1.17	0.00	1.06	1.07	-0.94	-0.87	1.08	1.01	-1.52	-0.94	0.15	0.00	0.00	1.46	-0.53	-0.33	0.00	-0.12	-0.51	-0.89	2.01	-0.33	1.47	1.85	-1.59	-12.91451367
170	0.76	-1.44	1.17	0.00	1.06	1.07	-0.94	-0.84	1.08	0.46	-1.67	-0.94	0.15	0.00	0.00	1.46	-0.53	-0.33	0.00	-0.52	-0.79	-0.93	2.01	-0.33	1.47	1.85	-1.59	-13.68241832
171	0.95	-1.62	1.34	0.00	1.06	2.66	-0.94	-1.04	2.03	0.65	-1.27	-0.94	0.50	0.00	0.00	1.46	0.46	-0.33	0.00	-0.23	-0.79	0.92	2.01	-0.33	1.47	1.85	-1.59	2.530966385
172	0.65	-1.84	1.02	0.00	1.06	1.60	-0.94	-1.07	1.12	1.19	-1.11	-0.94	0.16	0.00	0.00	1.46	-0.49	-0.33	0.00	0.16	-0.51	-0.21	2.01	-0.33	1.47	1.85	-1.59	-9.939360927
173	-0.07	-1.09	1.25	-1.59	0.02	1.07	-0.94	-0.94	1.40	0.28	-1.58	-0.94	0.27	0.00	0.00	1.46	-0.18	-0.33	0.00	-0.21	-0.51	-0.51	1.76	-0.33	1.47	1.16	-1.07	-17.2787977
174	0.23	-0.87	1.25	-1.59	0.02	1.07	-0.94	-0.94	1.40	-0.26	-1.74	-0.94	0.27	0.00	0.00	1.46	-0.18	-0.33	0.00	-0.60	-0.79	-0.55	1.76	-0.33	1.47	1.16	-1.07	-18.0467003
175	0.42	-1.04	1.42	-1.59	0.02	2.13	-0.94	-1.11	1.44	-0.08	-1.33	-0.94	0.29	0.00	0.00	1.46	-0.15	-0.33	0.00	-0.65	-1.35	0.76	1.76	-0.33	1.47	1.16	-1.07	-12.93087479
176	0.12	-1.27	1.10	-1.59	0.02	1.07	-0.94	-1.14	0.54	0.46	-1.17	-0.94	-0.05	0.00	0.00	1.46	-1.10	-0.33	0.00	-0.25	-1.07	-0.38	1.76	-0.33	1.47	1.16	-1.07	-25.40120022
177	-1.03	-0.26	0.12	-0.79	-0.68	-0.52	-0.94	-1.19	0.33	0.46	-0.71	-0.94	-0.13	0.00	0.00	1.11	-0.90	-0.33	0.00	0.17	-0.51	0.04	1.26	-0.33	1.47	-0.24	0.05	-10.4927016
178	-0.74	-0.03	0.12	-0.79	-0.68	-0.52	-0.94	-1.16	0.33	-0.08	-0.87	-0.94	-0.13	0.00	0.00	1.11	-0.90	-0.33	0.00	-0.22	-0.79	0.00	1.26	-0.33	1.47	-0.24	0.05	-11.2606042
179	-0.54	-0.20	0.30	-0.79	-0.68	0.54	-0.94	-1.35	0.37	0.10	-0.46	-0.94	-0.12	0.00	0.00	1.11	-0.86	-0.33	0.00	-0.27	-1.35	1.30	1.26	-0.33	1.47	-0.24	0.05	-6.144778688
180	-0.84	-0.43	-0.02	-0.79	-0.68	-0.52	-0.94	-1.38	-0.54	0.65	-0.31	-0.94	-0.46	0.00	0.00	1.11	-1.82	-0.33	0.00	0.13	-1.07	0.17	1.26	-0.33	1.47	-0.24	0.05	-18.61510395
181	-0.50	-0.86	0.04	-0.79	-0.33	-0.52	-0.94	-1.12	-0.05	1.19	-0.65	-0.94	-0.27	0.00	0.00	1.11	-1.30	-0.33	0.00	0.26	-0.51	-0.41	1.51	-0.33	1.47	0.46	-0.50	-19.09616812
182	-0.20	-0.64	0.04	-0.79	-0.33	-0.52	-0.94	-1.09	-0.05	0.65	-0.81	-0.94	-0.27	0.00	0.00	1.11	-1.31	-0.33	0.00	-0.14	-0.79	-0.45	1.51	-0.33	1.47	0.46	-0.50	-19.86407276
183	-0.01	-0.81	0.22	-0.79	-0.33	1.07	-0.94	-1.29	0.89	0.83	-0.40	-0.94	0.08	0.00	0.00	1.11	-0.31	-0.33	0.00	0.15	-0.79	1.40	1.51	-0.33	1.47	0.46	-0.50	-3.65068806
184	-0.31	-1.04	-0.10	-0.79	-0.33	0.01	-0.94	-1.32	-0.02	1.37	-0.24	-0.94	-0.26	0.00	0.00	1.11	-1.27	-0.33	0.00	0.54	-0.51	0.26	1.51	-0.33	1.47	0.46	-0.50	-16.12101537
185	-0.79	-0.94	0.75	-0.79	-0.33	0.54	-0.94	-1.03	0.86	0.83	-0.84	-0.94	0.07	0.00	0.00	1.11	-0.34	-0.33	0.00	0.31	-0.51	0.23	1.26	-0.33	1.47	-0.24	-0.51	-11.05882526
186	-0.50	-0.71	0.75	-0.79	-0.33	0.54	-0.94	-1.00	0.85	0.28	-1.00	-0.94	0.07	0.00	0.00	1.11	-0.35	-0.33	0.00	-0.09	-0.79	0.19	1.26	-0.33	1.47	-0.24	-0.51	-11.82672786
187	-0.31	-0.88	0.92	-0.79	-0.33	1.60	-0.94	-1.20	0.89	0.46	-0.59	-0.94	0.08	0.00	0.00	1.11	-0.31	-0.33	0.00	-0.13	-1.35	1.50	1.26	-0.33	1.47	-0.24	-0.51	-6.710902342
188	-0.60	-1.11	0.60	-0.79	-0.33	0.54	-0.94	-1.23	-0.01	1.01	-0.43	-0.94	-0.26	0.00	0.00	1.11	-1.26	-0.33	0.00	0.26	-1.07	0.37	1.26	-0.33	1.47	-0.24	-0.51	-19.18122778
189	-0.26	-1.54	0.67	-0.79	0.02	0.54	-0.94	-0.97	0.47	1.56	-0.78	-0.94	-0.08	0.00	0.00	1.11	-0.75	-0.33	0.00	0.39	-0.51	-0.21	1.51	-0.33	1.47	0.46	-1.06	-19.66229158
190	0.03	-1.32	0.67	-0.79	0.02	0.54	-0.94	-0.94	0.47	1.01	-0.93	-0.94	-0.08	0.00	0.00	1.11	-0.75	-0.33	0.00	-0.01	-0.79	-0.25	1.51	-0.33	1.47	0.46	-1.06	-20.43019623
191	0.22	-1.49	0.84	-0.79	0.02	2.13	-0.94	-1.13	1.41	1.19	-0.53	-0.94	0.28	0.00	0.00	1.11	0.24	-0.33	0.00	0.28	-0.79	1.60	1.51	-0.33	1.47	0.46	-1.06	-4.216811713
192	-0.07	-1.71	0.52	-0.79	0.02	1.07	-0.94	-1.16	0.51	1.74	-0.37	-0.94	-0.06	0.00	0.00	1.11	-0.71	-0.33	0.00	0.67	-0.51	0.46	1.51	-0.33	1.47	0.46	-1.06	-16.68713883
193	-0.03	-2.14	1.99	-1.59	1.75	0.54	-0.94	-0.39	1.93	1.56	-0.64	-0.94	0.47	0.00	0.00	1.11	0.79	-0.33	0.00	1.20	-0.51	1.15	2.76	-0.33	2.51	1.16	-1.61	3.653068991
194	0.27	-1.92	1.99	-1.59	1.75	0.54	-0.94	-0.36	1.93	1.01	-0.80	-0.94	0.47	0.00	0.00	1.11	0.79	-0.33	0.00	0.80	-0.79	1.11	2.76	-0.33	2.51	1.16	-1.61	2.885164882
195	0.46	-2.09	2.16	-1.59	1.75	1.60	-0.94	-0.56	1.97	1.19	-0.39	-0.94	0.48	0.00	0.00	1.11	0.83	-0.33	0.00	0.76	-1.35	2.42	2.76	-0.33	2.51	1.16	-1.61	8.000991907
196	0.16	-2.31	1.84	-1.59	1.75	0.54	-0.94	-0.59	1.06	1.74	-0.23	-0.94	0.14	0.00	0.00	1.11	-0.13	-0.33	0.00	1.15	-1.07	1.28	2.76	-0.33	2.51	1.16	-1.61	-4.469332987
197	0.62	-1.67	1.17	0.00	1.06	1.07	-0.94	-0.87	1.07	2.10	-0.61	-0.94	0.15	0.00	0.00	1.11	-0.12	-0.33	0.00	0.45	-0.51	0.31	2.01	-0.33	1.47	1.85	-1.59	-2.347713376
198	0.92	-1.44	1.17	0.00	1.06	1.07	-0.94	-0.84	1.07	1.56	-0.77	-0.94	0.15	0.00	0.00	1.11	-0.12	-0.33	0.00	0.05	-0.79	0.27	2.01	-0.33	1.47	1.85	-1.59	-3.115615976
199	1.11	-1.62	1.34	0.00	1.06	2.66	-0.94	-1.04	2.02	1.74	-0.36	-0.94	0.50	0.00	0.00	1.11	0.87	-0.33	0.00	0.34	-0.79	2.11	2.01	-0.33	1.47	1.85	-1.59	13.09776668
200	0.81	-1.84	1.02	0.00	1.06	1.60	-0.94	-1.07	1.11	2.28	-0.21	-0.94	0.16	0.00	0.00	1.11	-0.08	-0.33	0.00	0.73	-0.51	0.98	2.01	-0.33	1.47	1.85	-1.59	0.627441245
201	0.09	-1.09	1.25	-1.59	0.02	1.07	-0.94	-0.94	1.39	1.37	-0.67	-0.94	0.27	0.00	0.00	1.11	0.23	-0.33	0.00	0.37	-0.51	0.68	1.76	-0.33	1.47	1.16	-1.07	-6.711995722
202	0.38	-0.87	1.25	-1.59	0.02	1.07	-0.94	-0.91	1.39	0.83	-0.83	-0.94	0.27	0.00	0.00	1.11	0.22	-0.33	0.00	-0.03	-0.79	0.65	1.76	-0.33	1.47	1.16	-1.07	-7.479900198
203	0.58	-1.04	1.42	-1.59	0.02	2.13	-0.94	-1.11	1.43	1.01	-0.43	-0.94	0.28	0.00	0.00	1.11	0.26	-0.33	0.00	-0.07	-1.35	1.95	1.76	-0.33	1.47	1.16	-1.07	-2.364072805
204	0.28	-1.27	1.10	-1.59	0.02	1.07	-0.94	-1.14	0.53	1.56	-0.27	-0.94	-0.06	0.00	0.00	1.11	-0.69	-0.33	0.00	0.32	-1.07	0.82	1.76	-0.33	1.47	1.16	-1.07	-14.83440012
205	-0.72	0.12	0.47	0.00	-0.68	-1.05	-0.34	-0.06	0.33	1.82	-0.06	-0.83																

244	-0.13	-0.47	0.41	2.39	0.71	0.27	-0.34	-0.08	0.31	0.65	1.01	-0.83	-0.14	0.00	PUBLIC	0.00	-0.70	1.27	-0.33	0.00	-0.40	-0.24	0.42	1.01	-0.33	0.95	0.46	18.05872606	
245	-0.85	0.28	0.64	0.80	-0.33	-0.26	-0.34	0.06	0.60	-0.26	0.55	-0.83	-0.03	0.00	PUBLIC	0.00	-0.70	1.58	-0.33	0.00	-0.77	-0.24	0.12	0.75	-0.33	0.95	-0.24	10.71928873	
246	-0.56	0.51	0.64	0.80	-0.33	-0.26	-0.34	0.09	0.60	-0.81	0.39	-0.83	-0.03	0.00	PUBLIC	0.00	-0.70	1.57	-0.33	0.00	-1.16	-0.51	0.09	0.75	-0.33	0.95	-0.24	9.95138462	
247	-0.37	0.34	0.81	0.80	-0.33	0.80	-0.34	-0.11	0.64	-0.63	0.79	-0.83	-0.01	0.00	PUBLIC	0.00	-0.70	1.61	-0.33	0.00	-1.21	-1.07	1.39	0.75	-0.33	0.95	-0.24	15.06721164	
248	-0.66	0.11	0.49	0.80	-0.33	-0.26	-0.34	-0.14	-0.27	-0.08	0.95	-0.83	-0.35	0.00	PUBLIC	0.00	-0.70	0.66	-0.33	0.00	-0.81	-0.79	0.26	0.75	-0.33	0.95	-0.24	2.5968847	
249	-1.97	1.34	-1.07	0.00	-1.37	-1.85	-0.34	-0.34	-0.94	-1.17	0.27	-0.83	-0.61	0.00	PUBLIC	0.00	-0.67	-0.09	-0.33	0.00	-0.92	-0.24	-0.97	0.25	-0.33	0.95	-1.63	1.41	-5.703586678
250	-1.68	1.56	-1.07	0.00	-1.37	-1.85	-0.34	-0.31	-0.95	-1.72	0.11	-0.83	-0.61	0.00	PUBLIC	0.00	-0.67	-0.09	-0.33	0.00	-1.31	-0.51	-1.01	0.25	-0.33	0.95	-1.63	1.41	-6.471491326
251	-1.49	1.39	-0.90	0.00	-1.37	-0.79	-0.34	-0.50	-0.91	-1.54	0.51	-0.83	-0.59	0.00	PUBLIC	0.00	-0.67	-0.05	-0.33	0.00	-1.36	-1.07	0.30	0.25	-0.33	0.95	-1.63	1.41	-1.355663762
252	-1.78	1.17	-1.21	0.00	-1.37	-1.85	-0.34	-0.54	-1.81	-0.99	0.67	-0.83	-0.93	0.00	PUBLIC	0.00	-0.67	-1.01	-0.33	0.00	-0.96	-0.79	-0.84	0.25	-0.33	0.95	-1.63	1.41	-13.82598883
253	-1.44	0.73	-1.15	0.00	-1.02	-1.85	-0.34	-0.27	-1.33	-0.44	0.33	-0.83	-0.75	0.00	PUBLIC	0.00	-0.67	-0.49	-0.33	0.00	-0.84	-0.24	-1.42	0.50	-0.33	0.95	-0.93	0.86	-14.30705524
254	-1.15	0.96	-1.15	0.00	-1.02	-1.85	-0.34	-0.24	-1.33	-0.99	0.17	-0.83	-0.75	0.00	PUBLIC	0.00	-0.67	-0.50	-0.33	0.00	-1.23	-0.51	-1.46	0.50	-0.33	0.95	-0.93	0.86	-15.07495747
255	-0.95	0.78	-0.97	0.00	-1.02	-0.26	-0.34	-0.44	-0.38	-0.81	0.58	-0.83	-0.40	0.00	PUBLIC	0.00	-0.67	0.50	-0.33	0.00	-0.95	-0.51	0.39	0.50	-0.33	0.95	-0.93	0.86	1.138424818
256	-1.25	0.56	-1.29	0.00	-1.02	-1.32	-0.34	-0.47	-1.29	-0.26	0.73	-0.83	-0.74	0.00	PUBLIC	0.00	-0.67	-0.46	-0.33	0.00	-0.55	-0.24	-0.74	0.50	-0.33	0.95	-0.93	0.86	-11.33190008
257	-1.97	1.30	-0.97	1.59	-1.37	-1.05	-0.34	-0.34	-0.86	-1.35	0.27	-0.83	-0.58	0.00	PUBLIC	0.00	-0.67	0.00	-0.33	0.00	-0.99	-0.24	-0.83	0.25	-0.33	0.95	-1.63	1.32	6.690642699
258	-1.68	1.53	-0.97	1.59	-1.37	-1.05	-0.34	-0.31	-0.86	-1.90	0.11	-0.83	-0.58	0.00	PUBLIC	0.00	-0.67	0.00	-0.33	0.00	-1.38	-0.51	-0.86	0.25	-0.33	0.95	-1.63	1.32	5.922740091
259	-1.49	1.35	-0.80	1.59	-1.37	0.01	-0.34	-0.50	-0.82	-1.72	0.51	-0.83	-0.56	0.00	PUBLIC	0.00	-0.67	0.04	-0.33	0.00	-1.43	-1.07	0.44	0.25	-0.33	0.95	-1.63	1.32	11.0385658
260	-1.78	1.13	-1.11	1.59	-1.37	-1.05	-0.34	-0.54	-1.73	-1.17	0.67	-0.83	-0.90	0.00	PUBLIC	0.00	-0.67	-0.92	-0.33	0.00	-1.03	-0.79	-0.69	0.25	-0.33	0.95	-1.63	1.32	-1.431759097
261	-1.44	0.69	-1.05	1.59	-1.02	-1.05	-0.34	-0.27	-1.24	-0.63	0.33	-0.83	-0.72	0.00	PUBLIC	0.00	-0.67	-0.41	-0.33	0.00	-0.90	-0.24	-1.27	0.50	-0.33	0.95	-0.93	0.77	-1.912823631
262	-1.15	0.92	-1.05	1.59	-1.02	-1.05	-0.34	-0.24	-1.25	-1.17	0.17	-0.83	-0.72	0.00	PUBLIC	0.00	-0.67	-0.41	-0.33	0.00	-1.30	-0.51	-1.31	0.50	-0.33	0.95	-0.93	0.77	-2.680727739
263	-0.95	0.75	-0.87	1.59	-1.02	0.54	-0.34	-0.44	-0.30	-0.99	0.58	-0.83	-0.37	0.00	PUBLIC	0.00	-0.67	0.59	-0.33	0.00	-1.01	-0.51	0.54	0.50	-0.33	0.95	-0.93	0.77	13.5326566
264	-1.25	0.52	-1.19	1.59	-1.02	-0.52	-0.34	-0.47	-1.21	-0.44	0.73	-0.83	-0.71	0.00	PUBLIC	0.00	-0.67	-0.37	-0.33	0.00	-0.62	-0.24	-0.60	0.50	-0.33	0.95	-0.93	0.77	1.062329481
265	-1.74	0.62	-0.34	1.59	-1.02	-0.52	-0.34	-0.19	-0.34	-0.99	0.14	-0.83	-0.38	0.00	PUBLIC	0.00	-0.67	0.56	-0.33	0.00	-0.85	-0.24	-0.63	0.25	-0.33	0.95	-1.63	0.76	5.075826182
266	-1.44	0.85	-0.34	1.59	-1.02	-0.52	-0.34	-0.15	-0.34	-1.54	-0.02	-0.83	-0.38	0.00	PUBLIC	0.00	-0.67	0.55	-0.33	0.00	-1.25	-0.51	-0.66	0.25	-0.33	0.95	-1.63	0.76	4.30792395
267	-1.25	0.68	-0.17	1.59	-1.02	0.54	-0.34	-0.35	-0.30	-1.35	0.39	-0.83	-0.37	0.00	PUBLIC	0.00	-0.67	0.59	-0.33	0.00	-1.29	-1.07	0.64	0.25	-0.33	0.95	-1.63	0.76	9.423751147
268	-1.54	0.45	-0.49	1.59	-1.02	-0.52	-0.34	-0.38	-1.20	-0.81	-0.54	-0.83	-0.71	0.00	PUBLIC	0.00	-0.67	-0.37	-0.33	0.00	-0.90	-0.79	-0.49	0.25	-0.33	0.95	-1.63	0.76	-3.04657597
269	-1.20	0.01	-0.42	1.59	-0.68	-0.52	-0.34	-0.12	-0.72	-0.26	0.20	-0.83	-0.52	0.00	PUBLIC	0.00	-0.67	0.15	-0.33	0.00	-0.77	-0.24	-1.07	0.50	-0.33	0.95	-0.93	0.21	-3.527640139
270	-0.91	0.24	-0.42	1.59	-0.68	-0.52	-0.34	-0.09	-0.72	-0.81	0.04	-0.83	-0.52	0.00	PUBLIC	0.00	-0.67	0.15	-0.33	0.00	-1.17	-0.51	-1.11	0.50	-0.33	0.95	-0.93	0.21	-4.29554442
271	-0.72	0.07	-0.25	1.59	-0.68	1.07	-0.34	-0.29	0.22	-0.63	0.45	-0.83	-0.17	0.00	PUBLIC	0.00	-0.67	1.14	-0.33	0.00	-0.88	-0.51	0.74	0.50	-0.33	0.95	-0.93	0.21	11.9178401
272	-1.01	-0.16	-0.57	1.59	-0.68	0.01	-0.34	-0.32	-0.68	-0.08	0.61	-0.83	-0.51	0.00	PUBLIC	0.00	-0.67	0.19	-0.33	0.00	-0.49	-0.24	-0.40	0.50	-0.33	0.95	-0.93	0.21	-0.552487027
273	-0.97	-0.58	0.90	0.80	1.06	-0.52	-0.34	0.46	0.74	-0.26	0.34	-0.83	0.03	0.00	PUBLIC	0.00	-0.67	1.69	-0.33	0.00	0.04	-0.24	0.29	1.76	-0.33	1.99	-0.24	-0.34	19.78772097
274	-0.67	-0.36	0.90	0.80	1.06	-0.52	-0.34	0.49	0.74	-0.81	0.18	-0.83	0.02	0.00	PUBLIC	0.00	-0.67	1.69	-0.33	0.00	-0.36	-0.51	0.25	1.76	-0.33	1.99	-0.24	-0.34	19.01981837
275	-0.48	-0.53	1.07	0.80	1.06	0.54	-0.34	0.29	0.78	-0.63	0.59	-0.83	0.04	0.00	PUBLIC	0.00	-0.67	1.73	-0.33	0.00	-0.40	-1.07	1.56	1.76	-0.33	1.99	-0.24	-0.34	24.13564389
276	-0.78	-0.76	0.75	0.80	1.06	-0.52	-0.34	0.26	-0.13	-0.08	0.74	-0.83	-0.30	0.00	PUBLIC	0.00	-0.67	0.77	-0.33	0.00	-0.01	-0.79	0.42	1.76	-0.33	1.99	-0.24	-0.34	11.66531882
277	-0.32	-0.11	0.08	2.39	0.36	0.01	-0.34	-0.02	-0.12	0.28	0.37	-0.83	-0.30	0.00	PUBLIC	0.00	-0.67	0.78	-0.33	0.00	-0.71	-0.24	-0.55	1.01	-0.33	0.95	0.46	-0.33	13.78693806
278	-0.03	0.11	0.07	2.39	0.36	0.01	-0.34	0.01	-0.12	-0.26	0.21	-0.83	-0.30	0.00	PUBLIC	0.00	-0.67	0.77	-0.33	0.00	-1.11	-0.51	-0.59	1.01	-0.33	0.95	0.46	-0.33	13.01903583
279	0.16	-0.06	0.25	2.39	0.36	1.60	-0.34	-0.19	0.82	-0.08	0.61	-0.83	0.05	0.00	PUBLIC	0.00	-0.67	1.77	-0.33	0.00	-0.82	-0.51	1.26	1.01	-0.33	0.95	0.46	-0.33	29.23241812
280	-0.13	-0.28	-0.07	2.39	0.36	0.54	-0.34	-0.22	-0.08	0.46	0.77	-0.83	-0.29	0.00	PUBLIC	0.00	-0.67	0.81	-0.33	0.00	-0.43	-0.24	0.12	1.01	-0.33	0.95	0.46	-0.33	16.76209323
281	-0.85	0.46	0.15	0.80	-0.68	0.01	-0.34	-0.09	0.20	-0.44	0.30	-0.83	-0.18	0.00	PUBLIC	0.00	-0.67	1.12	-0.33	0.00	-0.79	-0.24	-0.17	0.75	-0.33	0.95	-0.24	0.20	9.422655892
282	-0.56	0.69	0.15	0.80	-0.68	0.01	-0.34	-0.06	0.20	-0.99	0.15	-0.83	-0.18	0.00	PUBLIC	0.00	-0.67	1.12	-0.33	0.00	-1.19	-0.51	-0.21	0.75	-0.33	0.95	-0.24	0.20	8.654751243
283	-0.37	0.52	0.33	0.80	-0.68	1.07	-0.34	-0.26	0.24	-0.81	0.55	-0.83	-0.16	0.00	PUBLIC	0.00	-0.67	1.16	-0.33	0.00	-1.23	-1.07	1.09	0.75	-0.33	0.95	-0.24	0.20	13.77057881
284	-0.66	0.29	0.01	0.80	-0.68	0.01	-0.34	-0.29	-0.67	-0.26	0.71	-0.83	-0.50	0.00	PUBLIC	0.00	-0.67	0.20	-0.33	0.00	-0.84	-0.79	-0.04	0.75	-0.33	0.95	-0.24	0.20	1.30025374
285	-0.72	0.23	0.18	0.00	-0.68	-1.05	-0.34	-0.06	0.10	-0.44	1.42	-0.83	2.70	0.00	PUBLIC	0.00	-0.67	1.01	3.02	0.00	-0.69	-0.24	-0.73	2.01	3.02	1.99	-1.63	0.29	39.16453621
286	-0.43	0.45	0.18	0.00	-0.68	-1.05	-0.34	-0.03	0.09	-0.99	1.26	-0.83	2.70	0.00	PUBLIC	0.00	-0.67	1.01	3.02	0.00	-1.08	-0.51	-0.77	2.01	3.02	1.99	-1.63	0.29	38.39663193
287	-0.23	0.28	0.35	0.00	-0.68	0.01	-0.34	-0.23	0.13	-0.81	1.67	-0.83	2.72	0.00	PUBLIC	0.00	-0.67	1.05	3.02	0.00	-1.13	-1.07	0.54	2.01	3.02	1.99	-1.63	0.29	43.51245913
288	-0.53	0.05	0.03	0.00	-0.68	-1.05	-0.34	-0.26	-0.77	-0.26	1.82	-0.83	2.38	0.00	PUBLIC	0.00	-0.67	0.09	3										

328	-0.66	0.22	0.20	0.80	-0.33	0.27	-0.34	-0.14	-0.50	-0.26	0.55	-0.83	-0.44	0.00	0.00	-0.67	0.38	-0.33	0.00	-0.86	-0.79	0.11	0.75	-0.33	0.95	-0.93	0.32	2.770726569
329	-0.82	-0.25	0.15	0.00	-1.02	-1.32	-0.34	-0.19	0.08	-1.17	-0.45	-0.83	-0.22	0.00	0.00	0.42	-0.33	-0.33	0.00	-1.04	-0.24	-2.15	0.50	-0.33	0.95	-0.93	0.32	-20.13270615
330	-0.52	-0.02	0.15	0.00	-1.02	-1.32	-0.34	-0.15	0.08	-1.72	-0.61	-0.83	-0.22	0.00	0.00	0.42	-0.33	-0.33	0.00	-1.43	-0.51	-2.19	0.50	-0.33	0.95	-0.93	0.32	-20.90061043
331	-0.33	-0.20	0.32	0.00	-1.02	-0.26	-0.34	-0.35	0.12	-1.54	-0.20	-0.83	-0.21	0.00	0.00	0.42	-0.29	-0.33	0.00	-1.48	-1.07	-0.88	0.50	-0.33	0.95	-0.93	0.32	-15.78478324
332	-0.63	-0.42	0.00	0.00	-1.02	-1.32	-0.34	-0.38	-0.79	-0.99	-0.04	-0.83	-0.55	0.00	0.00	0.42	-1.25	-0.33	0.00	-1.08	-0.79	-2.02	0.50	-0.33	0.95	-0.93	0.32	-28.25511018
333	-0.29	-0.86	0.07	0.00	-0.68	-1.32	-0.34	-0.12	-0.30	-0.44	-0.39	-0.83	-0.37	0.00	0.00	0.42	-0.73	-0.33	0.00	-0.96	-0.24	-2.60	0.75	-0.33	0.95	-0.24	-0.23	-28.73617471
334	0.01	-0.63	0.07	0.00	-0.68	-1.32	-0.34	-0.09	-0.30	-0.99	-0.54	-0.83	-0.37	0.00	0.00	0.42	-0.74	-0.33	0.00	-1.35	-0.51	-2.63	0.75	-0.33	0.95	-0.24	-0.23	-29.50407863
335	0.20	-0.80	0.24	0.00	-0.68	0.27	-0.34	-0.29	0.64	-0.81	-0.14	-0.83	-0.01	0.00	0.00	0.42	0.26	-0.33	0.00	-1.07	-0.51	-0.79	0.75	-0.33	0.95	-0.24	-0.23	-13.29069412
336	-0.10	-1.03	-0.08	0.00	-0.68	-0.79	-0.34	-0.32	-0.27	-0.26	0.02	-0.83	-0.35	0.00	0.00	0.42	-0.70	-0.33	0.00	-0.67	-0.24	-1.92	0.75	-0.33	0.95	-0.24	-0.23	-25.76101955
337	-0.05	-1.46	1.39	-0.79	1.06	-0.79	-0.34	0.46	1.16	-0.44	-0.25	-0.83	0.18	0.00	0.00	0.42	0.81	-0.33	0.00	-0.15	-0.24	-1.24	2.01	-0.33	1.99	0.46	-0.78	-4.374874768
338	0.24	-1.23	1.39	-0.79	1.06	-0.79	-0.34	0.49	1.15	-0.99	-0.41	-0.83	0.18	0.00	0.00	0.42	0.81	-0.33	0.00	-0.54	-0.51	-1.27	2.01	-0.33	1.99	0.46	-0.78	-5.142777367
339	0.43	-1.40	1.56	-0.79	1.06	0.27	-0.34	0.29	1.19	-0.81	0.00	-0.83	0.19	0.00	0.00	0.42	0.85	-0.33	0.00	-0.59	-1.07	0.03	2.01	-0.33	1.99	0.46	-0.78	-0.026951852
340	0.14	-1.63	1.24	-0.79	1.06	-0.79	-0.34	0.26	0.29	-0.26	0.16	-0.83	-0.14	0.00	0.00	0.42	-0.11	-0.33	0.00	-0.19	-0.79	-1.10	2.01	-0.33	1.99	0.46	-0.78	-12.49727692
341	0.59	-0.98	0.57	0.80	0.36	-0.26	-0.34	-0.02	0.30	0.10	-0.22	-0.83	-0.14	0.00	0.00	0.42	-0.11	-0.33	0.00	-0.90	-0.24	-2.08	1.26	-0.33	0.95	1.16	-0.76	-10.37565768
342	0.89	-0.76	0.57	0.80	0.36	-0.26	-0.34	0.01	0.30	-0.44	-0.32	-0.83	-0.14	0.00	0.00	0.42	-0.11	-0.33	0.00	-1.29	-0.51	-2.12	1.26	-0.33	0.95	1.16	-0.76	-11.14355991
343	1.08	-0.93	0.74	0.80	0.36	1.33	-0.34	-0.19	1.24	-0.26	0.03	-0.83	0.21	0.00	0.00	0.42	0.89	-0.33	0.00	-1.01	-0.51	-0.27	1.26	-0.33	0.95	1.16	-0.76	5.06982443
344	0.79	-1.16	0.42	0.80	0.36	0.27	-0.34	-0.22	0.33	0.28	0.18	-0.83	-0.13	0.00	0.00	0.42	-0.07	-0.33	0.00	-0.61	-0.24	-1.40	1.26	-0.33	0.95	1.16	-0.76	-7.400502686
345	0.06	-0.41	0.65	-0.79	-0.68	-0.26	-0.34	-0.09	0.62	-0.63	-0.28	-0.83	-0.02	0.00	0.00	0.42	0.24	-0.33	0.00	-0.98	-0.24	-1.70	1.01	-0.33	0.95	0.46	-0.24	-14.73993985
346	0.36	-0.18	0.65	-0.79	-0.68	-0.26	-0.34	-0.06	0.62	-1.17	-0.44	-0.83	-0.02	0.00	0.00	0.42	0.24	-0.33	0.00	-1.37	-0.51	-1.74	1.01	-0.33	0.95	0.46	-0.24	-15.50784245
347	0.55	-0.35	0.82	-0.79	-0.68	0.80	-0.34	-0.26	0.66	-0.99	-0.04	-0.83	-0.01	0.00	0.00	0.42	0.28	-0.33	0.00	-1.42	-1.07	-0.43	1.01	-0.33	0.95	0.46	-0.24	-10.39201693
348	0.26	-0.58	0.50	-0.79	-0.68	-0.26	-0.34	-0.29	-0.25	-0.44	0.12	-0.83	-0.35	0.00	0.00	0.42	-0.68	-0.33	0.00	-1.02	-0.79	-1.57	1.01	-0.33	0.95	0.46	-0.24	-22.862342
349	-0.90	-0.43	-0.48	0.00	-1.37	-1.85	-0.34	-0.34	-0.45	-0.44	-1.37	-0.83	-0.42	0.00	0.00	0.08	-0.47	-0.33	0.00	-0.60	-0.24	-1.16	0.50	-0.33	0.95	-0.93	0.88	-7.95384375
350	-0.60	0.66	-0.48	0.00	-1.37	-1.85	-0.34	-0.31	-0.46	-0.99	0.43	-0.83	-0.42	0.00	0.00	0.08	-0.48	-0.33	0.00	-0.99	-0.51	-1.19	0.50	-0.33	0.95	-0.93	0.88	-8.721746349
351	-0.41	0.48	-0.31	0.00	-1.37	-0.79	-0.34	-0.50	-0.42	-0.81	0.83	-0.83	-0.41	0.00	0.00	0.08	-0.44	-0.33	0.00	-1.04	-1.07	0.11	0.50	-0.33	0.95	-0.93	0.88	-3.605920834
352	-0.71	0.26	-0.63	0.00	-1.37	-1.85	-0.34	-0.54	-1.32	-0.26	0.99	-0.83	-0.75	0.00	0.00	0.08	-1.39	-0.33	0.00	-0.65	-0.79	-1.02	0.50	-0.33	0.95	-0.93	0.88	-16.0762459
353	-0.37	-0.18	-0.56	0.00	-1.02	-1.85	-0.34	-0.27	-0.84	0.28	0.65	-0.83	-0.57	0.00	0.00	0.08	-0.88	-0.33	0.00	-0.52	-0.24	-1.60	0.75	-0.33	0.95	-0.24	0.33	-16.55731007
354	-0.07	0.05	-0.56	0.00	-1.02	-1.85	-0.34	-0.24	-0.84	-0.26	0.49	-0.83	-0.57	0.00	0.00	0.08	-0.88	-0.33	0.00	-0.91	-0.51	-1.64	0.75	-0.33	0.95	-0.24	0.33	-17.32521435
355	0.12	-0.12	-0.39	0.00	-1.02	-0.26	-0.34	-0.44	0.10	-0.08	0.89	-0.83	-0.21	0.00	0.00	0.08	0.11	-0.33	0.00	-0.63	-0.51	0.21	0.75	-0.33	0.95	-0.24	0.33	-1.111830204
356	-0.18	-0.35	-0.71	0.00	-1.02	-1.32	-0.34	-0.47	-0.80	0.46	1.05	-0.83	-0.55	0.00	0.00	0.08	-0.84	-0.33	0.00	-0.23	-0.24	-0.93	0.75	-0.33	0.95	-0.24	0.33	-13.58215696
357	-0.66	-0.25	0.14	0.00	-1.02	-0.79	-0.34	-0.19	0.07	-0.08	0.46	-0.83	-0.23	0.00	0.00	0.08	0.08	-0.33	0.00	-0.47	-0.24	-0.96	0.50	-0.33	0.95	-0.93	0.32	-8.519967386
358	-0.37	-0.02	0.14	0.00	-1.02	-0.79	-0.34	-0.15	0.07	-0.63	0.30	-0.83	-0.23	0.00	0.00	0.08	0.08	-0.33	0.00	-0.86	-0.51	-1.00	0.50	-0.33	0.95	-0.93	0.32	-9.287869444
359	-0.17	-0.20	0.32	0.00	-1.02	0.27	-0.34	-0.35	0.11	-0.44	0.70	-0.83	-0.21	0.00	0.00	0.08	0.12	-0.33	0.00	-0.91	-1.07	0.31	0.50	-0.33	0.95	-0.93	0.32	-4.172044297
360	-0.47	-0.42	0.00	0.00	-1.02	-0.79	-0.34	-0.38	-0.80	0.10	0.86	-0.83	-0.55	0.00	0.00	0.08	-0.84	-0.33	0.00	-0.51	-0.79	-0.82	0.50	-0.33	0.95	-0.93	0.32	-16.64236936
361	-0.13	-0.86	0.07	0.00	-0.68	-0.79	-0.34	-0.12	-0.31	0.65	0.52	-0.83	-0.37	0.00	0.00	0.08	-0.33	-0.33	0.00	-0.39	-0.24	-1.40	0.75	-0.33	0.95	-0.24	-0.23	-17.12343372
362	0.17	-0.63	0.07	0.00	-0.68	-0.79	-0.34	-0.09	-0.32	0.10	0.36	-0.83	-0.37	0.00	0.00	0.08	-0.33	-0.33	0.00	-0.78	-0.51	-1.44	0.75	-0.33	0.95	-0.24	-0.23	-17.891332
363	0.36	-0.80	0.24	0.00	-0.68	0.80	-0.34	-0.29	0.63	0.28	0.77	-0.83	-0.02	0.00	0.00	0.08	0.67	-0.33	0.00	-0.50	-0.51	0.40	0.75	-0.33	0.95	-0.24	-0.23	-1.677953301
364	0.06	-1.03	-0.08	0.00	-0.68	-0.26	-0.34	-0.32	-0.28	0.83	0.92	-0.83	-0.36	0.00	0.00	0.08	-0.29	-0.33	0.00	-0.10	-0.24	-0.73	0.75	-0.33	0.95	-0.24	-0.23	-14.14828078
365	0.10	-1.46	1.38	-0.79	1.06	-0.79	-0.34	0.46	1.15	0.65	0.66	-0.83	0.18	0.00	0.00	0.08	1.22	-0.33	0.00	0.42	-0.24	-0.04	2.01	-0.33	1.99	0.46	-0.78	6.191927404
366	0.40	-1.23	1.38	-0.79	1.06	-0.79	-0.34	0.49	1.14	0.10	0.50	-0.83	0.18	0.00	0.00	0.08	1.22	-0.33	0.00	0.03	-0.51	-0.08	2.01	-0.33	1.99	0.46	-0.78	5.424022755
367	0.59	-1.40	1.56	-0.79	1.06	0.27	-0.34	0.29	1.18	0.28	0.90	-0.83	0.19	0.00	0.00	0.08	1.26	-0.33	0.00	-0.02	-1.07	1.23	2.01	-0.33	1.99	0.46	-0.78	10.53985032
368	0.30	-1.63	1.24	-0.79	1.06	-0.79	-0.34	0.26	0.28	0.83	1.06	-0.83	-0.15	0.00	0.00	0.08	0.30	-0.33	0.00	0.38	-0.79	0.09	2.01	-0.33	1.99	0.46	-0.78	-1.930474574
369	0.75	-0.98	0.56	0.80	0.36	-0.26	-0.34	-0.02	0.29	1.19	0.68	-0.83	-0.15	0.00	0.00	0.08	0.30	-0.33	0.00	-0.33	-0.24	-0.88	1.26	-0.33	0.95	1.16	-0.76	0.191144306
370	1.05	-0.76	0.56	0.80	0.36	-0.26	-0.34	0.01	0.29	0.65	0.53	-0.83	-0.15	0.00	0.00	0.08	0.30	-0.33	0.00	-0.72	-0.51	-0.92	1.26	-0.33	0.95	1.16	-0.76	-0.576757562
371	1.24	-0.93	0.74	0.80	0.36	1.33	-0.34	-0.19	1.23	0.83	0.93	-0.83	0.21	0.00	0.00	0.08	1.30	-0.33	0.00	-0.44	-0.51	0.92	1.26	-0.33	0.95	1.16	-0.76	15.63662453
372	0.94	-1.16	0.42	0.80	0.36	0.27	-0.34	-0.22	0.32	1.37	1.09	-0.83	-0.13	0.00	0.00	0.08	0.34	-0.33	0.00	-0.04	-0.24	-0.21	1.26	-0.33	0.95	1.16	-0.76	3.166299466
373	0.22	-0.41	0.64	-0.79	-0.68	-0.26	-0.34	-0.09	0.61	0.46	0.62	-0.83</																

412	-1.07	-0.70	0.61	-0.79	1.40	-1.05	-0.34	1.06	-0.23	0.10	1.59	-0.83	-0.34	0.00	0.00	-1.24	1.36	-0.33	0.00	0.00	-0.79	0.54	1.26	-0.33	1.47	-0.25	0.21	3.253842534
413	-0.62	-0.06	-0.06	0.80	0.71	-0.52	-0.34	0.78	-0.22	0.46	1.22	-0.83	-0.34	0.00	0.00	-1.24	1.36	-0.33	0.00	-0.71	-0.24	-0.44	0.50	-0.33	0.43	0.46	-0.20	5.375463832
414	-0.32	0.17	-0.06	0.80	0.71	-0.52	-0.34	0.81	-0.22	-0.08	1.06	-0.83	-0.34	0.00	0.00	-1.24	1.36	-0.33	0.00	-1.10	-0.51	-0.48	0.50	-0.33	0.43	0.46	-0.20	4.607559547
415	-0.13	0.00	0.11	0.80	0.71	1.07	-0.34	0.61	0.72	0.10	1.46	-0.83	0.01	0.00	0.00	-1.24	2.36	-0.33	0.00	-0.82	-0.51	1.37	0.50	-0.33	0.43	0.46	-0.20	20.82094406
416	-0.43	-0.23	-0.21	0.80	0.71	0.01	-0.34	0.58	-0.18	0.65	1.62	-0.83	-0.33	0.00	0.00	-1.24	1.40	-0.33	0.00	-0.42	-0.24	0.23	0.50	-0.33	0.43	0.46	-0.20	8.350616576
417	-1.15	0.52	0.02	-0.79	-0.33	-0.52	-0.34	0.71	0.10	-0.26	1.15	-0.83	-0.22	0.00	0.00	-1.24	1.71	-0.33	0.00	-0.79	-0.24	-0.06	0.25	-0.33	0.43	-0.24	0.33	1.011179432
418	-0.85	0.75	0.02	-0.79	-0.33	-0.52	-0.34	0.74	0.10	-0.81	1.00	-0.83	-0.22	0.00	0.00	-1.24	1.71	-0.33	0.00	-1.18	-0.51	-0.10	0.25	-0.33	0.43	-0.24	0.33	0.243277201
419	-0.66	0.57	0.19	-0.79	-0.33	0.54	-0.34	0.54	0.14	-0.63	1.40	-0.83	-0.20	0.00	0.00	-1.24	1.75	-0.33	0.00	-1.23	-1.07	1.21	0.25	-0.33	0.43	-0.24	0.33	5.359102717
420	-0.96	0.35	-0.13	-0.79	-0.33	-0.52	-0.34	0.51	-0.77	-0.08	1.56	-0.83	-0.54	0.00	0.00	-1.24	0.79	-0.33	0.00	-0.83	-0.79	0.07	0.25	-0.33	0.43	-0.24	0.33	-7.111222719
421	-2.27	1.58	-1.69	-1.59	-1.37	-2.64	-0.34	0.32	-1.44	-1.17	0.87	-0.83	-0.79	0.00	0.00	-1.21	0.05	-0.33	0.00	-0.94	-0.24	-1.16	-0.25	-0.33	0.43	-1.63	1.98	-16.46936389
422	-1.97	1.80	-1.69	-1.59	-1.37	-2.64	-0.34	0.35	-1.44	-1.72	0.72	-0.83	-0.79	0.00	0.00	-1.21	0.05	-0.33	0.00	-1.33	-0.51	-1.20	-0.25	-0.33	0.43	-1.63	1.98	-17.23726613
423	-1.78	1.63	-1.52	-1.59	-1.37	-1.58	-0.34	0.15	-1.40	-1.54	1.12	-0.83	-0.78	0.00	0.00	-1.21	0.08	-0.33	0.00	-1.38	-1.07	0.11	-0.25	-0.33	0.43	-1.63	1.98	-12.12144098
424	-2.08	1.40	-1.84	-1.59	-1.37	-2.64	-0.34	0.12	-2.31	-0.99	1.28	-0.83	-1.12	0.00	0.00	-1.21	-0.87	-0.33	0.00	-0.98	-0.79	-1.02	-0.25	-0.33	0.43	-1.63	1.98	-24.59176605
425	-1.74	0.97	-1.77	-1.59	-1.02	-2.64	-0.34	0.38	-1.82	-0.44	0.94	-0.83	-0.94	0.00	0.00	-1.21	-0.36	-0.33	0.00	-0.86	-0.24	-1.60	0.00	-0.33	0.43	-0.93	1.43	-25.07283041
426	-1.44	1.19	-1.77	-1.59	-1.02	-2.64	-0.34	0.42	-1.83	-0.99	0.78	-0.83	-0.94	0.00	0.00	-1.21	-0.36	-0.33	0.00	-1.25	-0.51	-1.64	0.00	-0.33	0.43	-0.93	1.43	-25.84073469
427	-1.25	1.02	-1.60	-1.59	-1.02	-1.05	-0.34	0.22	-0.88	-0.81	1.18	-0.83	-0.59	0.00	0.00	-1.21	0.64	-0.33	0.00	-0.97	-0.51	0.21	0.00	-0.33	0.43	-0.93	1.43	-9.62735035
428	-1.55	0.80	-1.92	-1.59	-1.02	-2.11	-0.34	0.19	-1.79	-0.26	1.34	-0.83	-0.92	0.00	0.00	-1.21	-0.32	-0.33	0.00	-0.57	-0.24	-0.93	0.00	-0.33	0.43	-0.93	1.43	-22.09767729
429	-2.27	1.54	-1.59	0.00	-1.37	-1.85	-0.34	0.32	-1.36	-1.35	0.87	-0.83	-0.76	0.00	0.00	-1.21	0.13	-0.33	0.00	-1.01	-0.24	-1.01	-0.25	-0.33	0.43	-1.63	1.89	-4.075132478
430	-1.97	1.76	-1.59	0.00	-1.37	-1.85	-0.34	0.35	-1.36	-1.90	0.72	-0.83	-0.76	0.00	0.00	-1.21	0.13	-0.33	0.00	-1.40	-0.51	-1.05	-0.25	-0.33	0.43	-1.63	1.89	-4.843036569
431	-1.78	1.59	-1.42	0.00	-1.37	-0.79	-0.34	0.15	-1.32	-1.72	1.12	-0.83	-0.75	0.00	0.00	-1.21	0.17	-0.33	0.00	-1.45	-1.07	0.26	-0.25	-0.33	0.43	-1.63	1.89	0.272790629
432	-2.08	1.37	-1.74	0.00	-1.37	-1.85	-0.34	0.12	-2.23	-1.17	1.28	-0.83	-1.09	0.00	0.00	-1.21	-0.79	-0.33	0.00	-1.05	-0.79	-0.88	-0.25	-0.33	0.43	-1.63	1.89	-12.19753631
433	-1.74	0.93	-1.67	0.00	-1.02	-1.85	-0.34	0.38	-1.74	-0.63	0.94	-0.83	-0.91	0.00	0.00	-1.21	-0.27	-0.33	0.00	-0.92	-0.24	-1.46	0.00	-0.33	0.43	-0.93	1.33	-12.67860085
434	-1.44	1.16	-1.67	0.00	-1.02	-1.85	-0.34	0.42	-1.74	-1.17	0.78	-0.83	-0.91	0.00	0.00	-1.21	-0.28	-0.33	0.00	-1.32	-0.51	-1.49	0.00	-0.33	0.43	-0.93	1.33	-13.44650308
435	-1.25	0.98	-1.50	0.00	-1.02	-0.26	-0.34	0.22	-0.80	-0.99	1.18	-0.83	-0.55	0.00	0.00	-1.21	0.72	-0.33	0.00	-1.03	-0.51	0.35	0.00	-0.33	0.43	-0.93	1.33	2.766879381
436	-1.55	0.76	-1.82	0.00	-1.02	-1.32	-0.34	0.19	-1.71	-0.44	1.34	-0.83	-0.89	0.00	0.00	-1.21	-0.24	-0.33	0.00	-0.64	-0.24	-0.78	0.00	-0.33	0.43	-0.93	1.33	-9.703445686
437	-2.03	0.86	-0.97	0.00	-1.02	-1.32	-0.34	0.47	-0.83	-0.99	0.75	-0.83	-0.57	0.00	0.00	-1.21	0.69	-0.33	0.00	-0.87	-0.24	-0.81	-0.25	-0.33	0.43	-1.63	1.33	-5.689448986
438	-1.74	1.09	-0.97	0.00	-1.02	-1.32	-0.34	0.50	-0.84	-1.54	0.59	-0.83	-0.57	0.00	0.00	-1.21	0.69	-0.33	0.00	-1.27	-0.51	-0.85	-0.25	-0.33	0.43	-1.63	1.33	-6.457853267
439	-1.54	0.91	-0.79	0.00	-1.02	-0.26	-0.34	0.30	-0.80	-1.35	0.99	-0.83	-0.55	0.00	0.00	-1.21	0.73	-0.33	0.00	-1.31	-1.07	0.46	-0.25	-0.33	0.43	-1.63	1.33	-1.342025702
440	-1.84	0.69	-1.11	0.00	-1.02	-1.32	-0.34	0.27	-1.70	-0.81	1.15	-0.83	-0.89	0.00	0.00	-1.21	-0.23	-0.33	0.00	-0.92	-0.79	-0.68	-0.25	-0.33	0.43	-1.63	1.33	-13.81235114
441	-1.50	0.25	-1.04	0.00	-0.68	-1.32	-0.34	0.54	-1.22	-0.26	0.81	-0.83	-0.71	0.00	0.00	-1.21	0.28	-0.33	0.00	-0.79	-0.24	-1.26	0.00	-0.33	0.43	-0.93	0.77	-14.29341699
442	-1.21	0.48	-1.04	0.00	-0.68	-1.32	-0.34	0.57	-1.22	-0.81	0.65	-0.83	-0.71	0.00	0.00	-1.21	0.28	-0.33	0.00	-1.19	-0.51	-1.30	0.00	-0.33	0.43	-0.93	0.77	-15.06131959
443	-1.01	0.31	-0.87	0.00	-0.68	0.27	-0.34	0.37	-0.28	-0.63	1.06	-0.83	-0.36	0.00	0.00	-1.21	1.28	-0.33	0.00	-0.90	-0.51	0.55	0.00	-0.33	0.43	-0.93	0.77	1.152063068
444	-1.31	0.08	-1.19	0.00	-0.68	-0.79	-0.34	0.34	-1.18	-0.08	1.21	-0.83	-0.70	0.00	0.00	-1.21	0.32	-0.33	0.00	-0.51	-0.24	-0.58	0.00	-0.33	0.43	-0.93	0.77	-11.31826219
445	-1.27	-0.35	0.27	-0.79	1.06	-1.32	-0.34	1.11	0.24	-0.26	0.95	-0.83	-0.16	0.00	0.00	-1.21	1.83	-0.33	0.00	0.02	-0.24	0.10	1.26	-0.33	1.47	-0.24	0.23	9.021945803
446	-0.97	-0.12	0.27	-0.79	1.06	-1.32	-0.34	1.14	0.24	-0.81	0.79	-0.83	-0.16	0.00	0.00	-1.21	1.83	-0.33	0.00	-0.38	-0.51	0.07	1.26	-0.33	1.47	-0.24	0.23	8.254041523
447	-0.78	-0.29	0.45	-0.79	1.06	-0.26	-0.34	0.95	0.28	-0.63	1.19	-0.83	-0.15	0.00	0.00	-1.21	1.86	-0.33	0.00	-0.42	-1.07	1.37	1.26	-0.33	1.47	-0.24	0.23	13.3696872
448	-1.07	-0.52	0.13	-0.79	1.06	-1.32	-0.34	0.92	-0.63	-0.08	1.35	-0.83	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	-0.03	-0.79	0.24	1.26	-0.33	1.47	-0.24	0.23	0.899541604
449	-0.62	0.13	-0.55	0.80	0.36	-0.79	-0.34	0.63	-0.62	0.28	0.97	-0.83	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	-0.73	-0.24	-0.74	0.50	-0.33	0.43	0.46	0.24	3.021162896
450	-0.32	0.35	-0.55	0.80	0.36	-0.79	-0.34	0.66	-0.62	-0.26	0.81	-0.83	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	-1.13	-0.51	-0.78	0.50	-0.33	0.43	0.46	0.24	2.253258615
451	-0.13	0.18	-0.37	0.80	0.36	0.80	-0.34	0.46	0.33	-0.08	1.22	-0.83	-0.13	0.00	0.00	-1.21	1.91	-0.33	0.00	-0.84	-0.51	1.07	0.50	-0.33	0.43	0.46	0.24	18.46664295
452	-0.43	-0.05	-0.69	0.80	0.36	-0.26	-0.34	0.43	-0.58	0.46	1.38	-0.83	-0.47	0.00	0.00	-1.21	0.95	-0.33	0.00	-0.45	-0.24	-0.06	0.50	-0.33	0.43	0.46	0.24	5.996316009
453	-1.15	0.70	-0.47	-0.79	-0.68	-0.79	-0.34	0.56	-0.30	-0.44	0.91	-0.83	-0.36	0.00	0.00	-1.21	1.26	-0.33	0.00	-0.81	-0.24	-0.36	0.25	-0.33	0.43	-0.24	0.77	-1.343121326
454	-0.85	0.93	-0.47	-0.79	-0.68	-0.79	-0.34	0.60	-0.30	-0.99	0.75	-0.83	-0.36	0.00	0.00	-1.21	1.26	-0.33	0.00	-1.21	-0.51	-0.40	0.25	-0.33	0.43	-0.24	0.77	-2.111023557
455	-0.66	0.76	-0.30	-0.79	-0.68	0.27	-0.34	0.40	-0.26	-0.81	1.16	-0.83	-0.35	0.00	0.00	-1.21	1.29	-0.33	0.00	-1.25	-1.07	0.91	0.25	-0.33	0.43	-0.24	0.77	3.004801591
456	-0.96	0.53	-0.61	-0.79	-0.68	-0.79	-0.34	0.37	-1.16	-0.26	1.32	-0.83	-0.69	0.00	0.00	-1.21	0.34	-0.33	0.00	-0.86	-0.79	-0.23	0.25	-0.33	0.43	-0.24	0.77	-9.465523477
457	-1.02	0.46	-0.45	-1.59	-0.68	-1.02	-0.34	0.60	-0.40	-0.44	2.03	-																

496	-0.43	-0.12	-0.50	0.80	0.71	0.01	-0.34	0.58	-0.42	0.46	1.22	-0.83	-0.41	0.00	0.00	-1.21	1.12	-0.33	0.00	-0.47	-0.24	0.08	0.50	-0.33	0.43	0.45	0.07	7.466790886
497	-1.15	0.63	-0.27	-0.79	-0.33	-0.52	-0.34	0.71	-0.13	-0.44	0.75	-0.83	-0.30	0.00	0.00	-1.21	1.43	-0.33	0.00	-0.84	-0.24	-0.21	0.25	-0.33	0.43	-0.24	0.59	0.127353552
498	-0.85	0.86	-0.27	-0.79	-0.33	-0.52	-0.34	0.74	-0.13	-0.99	0.59	-0.83	-0.30	0.00	0.00	-1.21	1.43	-0.33	0.00	-1.23	-0.51	-0.25	0.25	-0.33	0.43	-0.24	0.59	-0.640550729
499	-0.66	0.68	-0.10	-0.79	-0.33	0.54	-0.34	0.54	-0.09	-0.81	1.00	-0.83	-0.29	0.00	0.00	-1.21	1.47	-0.33	0.00	-1.28	-1.07	1.05	0.25	-0.33	0.43	-0.24	0.59	4.475276836
500	-0.96	0.46	-0.42	-0.79	-0.33	-0.52	-0.34	0.51	-1.00	-0.26	1.15	-0.83	-0.63	0.00	0.00	-1.21	0.51	-0.33	0.00	-0.88	-0.79	-0.08	0.25	-0.33	0.43	-0.24	0.59	-7.995050649
501	-1.02	-0.57	0.98	-0.79	-0.33	-1.32	-0.34	-0.77	1.08	-0.63	0.53	0.43	3.07	0.00	0.00	0.09	1.14	3.02	0.00	-0.95	-0.24	-0.58	1.76	3.02	1.99	-2.33	-0.81	19.02754996
502	-0.72	-0.34	0.98	-0.79	-0.33	-1.32	-0.34	-0.74	1.07	-1.17	0.37	0.43	3.07	0.00	0.00	0.09	1.13	3.02	0.00	-1.35	-0.51	-0.62	1.76	3.02	1.99	-2.33	-0.81	18.25964737
503	-0.53	-0.51	1.15	-0.79	-0.33	-0.26	-0.34	-0.94	1.11	-0.99	0.78	0.43	3.08	0.00	0.00	0.09	1.17	3.02	0.00	-1.39	-1.07	0.69	1.76	3.02	1.99	-2.33	-0.81	23.37547288
504	-0.83	-0.74	0.83	-0.79	-0.33	-1.32	-0.34	-0.97	0.21	-0.44	0.93	0.43	2.75	0.00	0.00	0.09	0.22	3.02	0.00	-1.00	-0.79	-0.45	1.76	3.02	1.99	-2.33	-0.81	10.90514781
505	-0.49	-1.18	0.90	-0.79	0.02	-1.32	-0.34	-0.70	0.69	0.10	0.59	0.43	2.93	0.00	0.00	0.09	0.73	3.02	0.00	-0.87	-0.24	-1.03	2.01	3.02	1.99	-1.63	-1.36	10.42408345
506	-0.19	-0.95	0.90	-0.79	0.02	-1.32	-0.34	-0.67	0.69	-0.44	0.43	0.43	2.93	0.00	0.00	0.09	0.73	3.02	0.00	-1.26	-0.51	-1.07	2.01	3.02	1.99	-1.63	-1.36	9.656179173
507	0.00	-1.12	1.07	-0.79	0.02	0.27	-0.34	-0.87	1.64	-0.26	0.84	0.43	3.28	0.00	0.00	0.09	1.72	3.02	0.00	-0.98	-0.51	0.78	2.01	3.02	1.99	-1.63	-1.36	25.86956351
508	-0.29	-1.35	0.75	-0.79	0.02	-0.79	-0.34	-0.90	0.73	0.28	1.00	0.43	2.94	0.00	0.00	0.09	0.77	3.02	0.00	-0.58	-0.24	-0.35	2.01	3.02	1.99	-1.63	-1.36	13.39923639
509	-2.27	0.47	-0.07	-0.79	-0.68	-1.85	-0.34	-0.90	0.20	-1.35	-0.79	0.43	-0.18	0.00	0.00	0.09	0.21	-0.33	0.00	-1.21	-0.24	-0.68	0.00	-0.33	0.95	-2.33	0.14	-24.35979942
510	-1.97	0.70	-0.07	-0.79	-0.68	-1.85	-0.34	-0.87	0.20	-1.90	-0.68	0.43	-0.18	0.00	0.00	0.09	0.21	-0.33	0.00	-1.60	-0.51	-0.72	0.00	-0.33	0.95	-2.33	0.14	-25.12770202
511	-1.78	0.52	0.10	-0.79	-0.68	-0.79	-0.34	-1.07	0.24	-1.72	-0.54	0.43	-0.16	0.00	0.00	0.09	0.25	-0.33	0.00	-1.65	-1.07	0.59	0.00	-0.33	0.95	-2.33	0.14	-20.01187631
512	-2.08	0.30	-0.22	-0.79	-0.68	-1.85	-0.34	-1.10	-0.67	-1.17	-0.38	0.43	-0.50	0.00	0.00	0.09	-0.71	-0.33	0.00	-1.25	-0.79	-0.55	0.00	-0.33	0.95	-2.33	0.14	-32.48220121
513	-1.74	-0.14	-0.15	-0.79	-0.33	-1.85	-0.34	-0.84	-0.18	-0.63	-0.72	0.43	-0.32	0.00	0.00	0.09	-0.19	-0.33	0.00	-1.12	-0.24	-1.13	0.25	-0.33	0.95	-1.63	-0.41	-32.96326574
514	-1.44	0.09	-0.15	-0.79	-0.33	-1.85	-0.34	-0.81	-0.18	-1.17	-0.88	0.43	-0.32	0.00	0.00	0.09	-0.20	-0.33	0.00	-1.52	-0.51	-1.16	0.25	-0.33	0.95	-1.63	-0.41	-33.73117002
515	-1.25	-0.08	0.02	-0.79	-0.33	-0.26	-0.34	-1.00	0.76	-0.99	-0.48	0.43	0.03	0.00	0.00	0.09	0.80	-0.33	0.00	-1.23	-0.51	0.68	0.25	-0.33	0.95	-1.63	-0.41	-17.51778551
516	-1.55	-0.31	-0.30	-0.79	-0.33	-1.32	-0.34	-1.03	-0.14	-0.44	-0.32	0.43	-0.31	0.00	0.00	0.09	-0.16	-0.33	0.00	-0.84	-0.24	-0.45	0.25	-0.33	0.95	-1.63	-0.41	-29.98811263
517	-2.27	0.43	0.03	0.80	-0.68	-1.58	-0.34	-0.90	0.29	-1.54	-0.79	0.43	-0.15	0.00	0.00	0.09	0.30	-0.33	0.00	-1.27	-0.24	-0.53	0.00	-0.33	0.95	-2.33	0.05	-13.02453701
518	-1.97	0.66	0.03	0.80	-0.68	-1.58	-0.34	-0.87	0.28	-2.08	-0.94	0.43	-0.15	0.00	0.00	0.09	0.30	-0.33	0.00	-1.67	-0.51	-0.57	0.00	-0.33	0.95	-2.33	0.05	-13.79244149
519	-1.78	0.49	0.20	0.80	-0.68	-0.52	-0.34	-1.07	0.32	-1.90	-0.54	0.43	-0.13	0.00	0.00	0.09	0.34	-0.33	0.00	-1.71	-1.07	0.73	0.00	-0.33	0.95	-2.33	0.05	-8.676614094
520	-2.08	0.26	-0.12	0.80	-0.68	-1.58	-0.34	-1.10	-0.58	-1.35	-0.38	0.43	-0.47	0.00	0.00	0.09	-0.62	-0.33	0.00	-1.32	-0.79	-0.40	0.00	-0.33	0.95	-2.33	0.05	-21.14694104
521	-1.74	-0.17	-0.05	0.80	-0.33	-1.58	-0.34	-0.84	-0.10	-0.81	-0.72	0.43	-0.29	0.00	0.00	0.09	-0.11	-0.33	0.00	-1.19	-0.24	-0.98	0.25	-0.33	0.95	-1.63	-0.50	-21.62800557
522	-1.44	0.05	-0.05	0.80	-0.33	-1.58	-0.34	-0.81	-0.10	-1.35	-0.88	0.43	-0.29	0.00	0.00	0.09	-0.11	-0.33	0.00	-1.59	-0.51	-1.02	0.25	-0.33	0.95	-1.63	-0.50	-22.39590968
523	-1.25	-0.12	0.12	0.80	-0.33	0.01	-0.34	-1.00	0.84	-1.17	-0.48	0.43	0.06	0.00	0.00	0.09	0.89	-0.33	0.00	-1.30	-0.51	0.83	0.25	-0.33	0.95	-1.63	-0.50	-6.182525341
524	-1.55	-0.35	-0.20	0.80	-0.33	-1.05	-0.34	-1.03	-0.06	-0.63	-0.32	0.43	-0.28	0.00	0.00	0.09	-0.07	-0.33	0.00	-0.91	-0.24	-0.31	0.25	-0.33	0.95	-1.63	-0.50	-18.65285041
525	-2.03	-0.24	0.65	0.80	-0.33	-1.05	-0.34	-0.75	0.81	-1.17	-0.91	0.43	0.05	0.00	0.00	0.09	0.85	-0.33	0.00	-1.14	-0.24	-0.33	0.00	-0.33	0.95	-2.33	-0.51	-14.63935371
526	-1.74	-0.02	0.65	0.80	-0.33	-1.05	-0.34	-0.72	0.81	-1.72	-1.07	0.43	0.05	0.00	0.00	0.09	0.85	-0.33	0.00	-1.54	-0.51	-0.37	0.00	-0.33	0.95	-2.33	-0.51	-15.40725799
527	-1.54	-0.19	0.82	0.80	-0.33	0.01	-0.34	-0.92	0.85	-1.54	-0.67	0.43	0.07	0.00	0.00	0.09	0.89	-0.33	0.00	-1.58	-1.07	0.93	0.00	-0.33	0.95	-2.33	-0.51	-10.29143079
528	-1.84	-0.42	0.50	0.80	-0.33	-1.05	-0.34	-0.95	-0.06	-0.99	-0.51	0.43	-0.27	0.00	0.00	0.09	-0.07	-0.33	0.00	-1.19	-0.79	-0.20	0.00	-0.33	0.95	-2.33	-0.51	-22.76175754
529	-1.50	-0.85	0.57	0.80	0.02	-1.05	-0.34	-0.68	0.43	-0.44	-0.85	0.43	-0.09	0.00	0.00	0.09	0.45	-0.33	0.00	-1.06	-0.24	-0.78	0.25	-0.33	0.95	-1.63	-1.06	-23.24282208
530	-1.21	-0.63	0.57	0.80	0.02	-1.05	-0.34	-0.65	0.43	-0.99	-1.01	0.43	-0.09	0.00	0.00	0.09	0.45	-0.33	0.00	-1.45	-0.51	-0.82	0.25	-0.33	0.95	-1.63	-1.06	-24.01072431
531	-1.01	-0.80	0.75	0.80	0.02	0.54	-0.34	-0.60	1.37	-0.81	-0.60	0.43	0.26	0.00	0.00	0.09	1.44	-0.33	0.00	-1.17	-0.51	1.03	0.25	-0.33	0.95	-1.63	-1.06	-7.797341849
532	-1.31	-1.02	0.43	0.80	0.02	-0.52	-0.34	-0.88	0.46	-0.26	-0.45	0.43	-0.08	0.00	0.00	0.09	0.49	-0.33	0.00	-0.78	-0.24	-0.11	0.25	-0.33	0.95	-1.63	-1.06	-20.26766692
533	-1.27	-1.45	1.89	0.00	1.75	-1.05	-0.34	-0.11	1.89	-0.44	-0.71	0.43	0.46	0.00	0.00	0.09	1.99	-0.33	0.00	-0.25	-0.24	0.58	1.51	-0.33	1.99	-0.93	-1.61	0.072539032
534	-0.97	-1.23	1.89	0.00	1.75	-1.05	-0.34	-0.08	1.88	-0.99	-0.87	0.43	0.46	0.00	0.00	0.09	1.99	-0.33	0.00	-0.65	-0.51	0.54	1.51	-0.33	1.99	-0.93	-1.61	-0.695363567
535	-0.78	-1.40	2.06	0.00	1.75	0.01	-0.34	-0.27	1.92	-0.81	-0.47	0.43	0.47	0.00	0.00	0.09	2.03	-0.33	0.00	-0.69	-1.07	1.85	1.51	-0.33	1.99	-0.93	-1.61	4.42046214
536	-1.07	-1.62	1.74	0.00	1.75	-1.05	-0.34	-0.30	1.02	-0.26	-0.31	0.43	0.13	0.00	0.00	0.09	1.07	-0.33	0.00	-0.30	-0.79	0.72	1.51	-0.33	1.99	-0.93	-1.61	-8.049863295
537	-0.62	-0.98	1.07	1.59	1.06	-0.52	-0.34	-0.59	1.03	0.10	-0.69	0.43	0.13	0.00	0.00	0.09	1.08	-0.33	0.00	-1.00	-0.24	-0.26	0.75	-0.33	0.95	-0.24	-1.59	-5.928241826
538	-0.32	-0.75	1.07	1.59	1.06	-0.52	-0.34	-0.56	1.03	-0.44	-0.84	0.43	0.13	0.00	0.00	0.09	1.07	-0.33	0.00	-1.39	-0.51	-0.30	0.75	-0.33	0.95	-0.24	-1.59	-6.696146107
539	-0.13	-0.93	1.24	1.59	1.06	1.07	-0.34	-0.76	1.97	-0.26	-0.44	0.43	0.48	0.00	0.00	0.09	2.07	-0.33	0.00	-1.11	-0.51	1.55	0.75	-0.33	0.95	-0.24	-1.59	9.51723823
540	-0.43	-1.15	0.92	1.59	1.06	0.01	-0.34	-0.79	1.06	0.28	-0.28	0.43	0.14	0.00	0.00	0.09	1.11	-0.33	0.00	-0.72	-0.24	0.41	0.75	-0.33	0.95	-0.24	-1.59	-2.953088713
541	-1.15	-0.40	1.15	0.00	0.02	-0.52	-0.34	-0.66	1.35	-0.63	-0.75																	

580	-0.96	-0.39	0.52	0.00	-0.33	-0.26	-0.34	-1.00	0.09	-0.63	-0.59	0.43	-0.22	0.00	0.11	0.05	-0.33	0.00	-1.15	-0.79	-0.05	0.50	-0.33	0.95	-0.95	-0.63	19.71156121	
581	-1.02	-0.46	0.69	-0.79	-0.33	-1.32	-0.34	-0.77	0.85	-0.81	0.12	0.43	2.99	0.00	0.11	0.86	3.02	0.00	-1.00	-0.24	-0.73	1.76	-0.33	3.02	1.99	-2.33	-0.54	18.15272127
582	-0.72	-0.23	0.69	-0.79	-0.33	-1.32	-0.34	-0.74	0.84	-1.35	-0.03	0.43	2.98	0.00	0.11	0.86	3.02	0.00	-1.40	-0.51	-0.77	1.76	3.02	1.99	-2.33	-0.54	17.38481662	
583	-0.53	-0.41	0.86	-0.79	-0.33	-0.26	-0.34	-0.94	0.88	-1.17	0.37	0.43	3.00	0.00	0.11	0.90	3.02	0.00	-1.44	-1.07	0.53	1.76	3.02	1.99	-2.33	-0.54	22.50064418	
584	-0.83	-0.63	0.54	-0.79	-0.33	-1.32	-0.34	-0.97	-0.02	-0.63	0.53	0.43	2.66	0.00	0.11	-0.06	3.02	0.00	-1.05	-0.79	-0.60	1.76	3.02	1.99	-2.33	-0.54	10.03031929	
585	-0.49	-1.07	0.61	-0.79	0.02	-1.32	-0.34	-0.70	0.46	-0.08	0.19	0.43	2.84	0.00	0.11	0.45	3.02	0.00	-0.92	-0.24	-1.18	2.01	3.02	1.99	-1.63	-1.09	9.549252895	
586	-0.19	-0.84	0.61	-0.79	0.02	-1.32	-0.34	-0.67	0.46	-0.63	0.03	0.43	2.84	0.00	0.11	0.45	3.02	0.00	-1.31	-0.51	-1.22	2.01	3.02	1.99	-1.63	-1.09	8.781350664	
587	0.00	-1.01	0.78	-0.79	0.02	0.27	-0.34	-0.87	1.40	-0.44	0.43	0.43	3.19	0.00	0.11	1.45	3.02	0.00	-1.03	-0.51	0.63	2.01	3.02	1.99	-1.63	-1.09	24.99473276	
588	-0.29	-1.24	0.46	-0.79	0.02	-0.79	-0.34	-0.90	0.50	0.10	0.59	0.43	2.85	0.00	0.11	0.49	3.02	0.00	-0.63	-0.24	-0.51	2.01	3.02	1.99	-1.63	-1.09	12.52440787	
589	-2.27	0.58	-0.36	-0.79	-0.68	-1.32	-0.34	-0.90	-0.03	-1.54	-1.19	0.43	-0.26	0.00	0.11	-0.07	-0.33	0.00	-1.26	-0.24	-0.83	0.00	-0.33	0.95	-2.33	0.40	-24.18595719	
590	-1.97	0.81	-0.36	-0.79	-0.68	-1.32	-0.34	-0.87	-0.03	-2.08	-1.35	0.43	-0.26	0.00	0.11	-0.07	-0.33	0.00	-1.65	-0.51	-0.87	0.00	-0.33	0.95	-2.33	0.40	-24.95386184	
591	-1.78	0.63	-0.19	-0.79	-0.68	-0.26	-0.34	-1.07	0.01	-1.90	-0.68	0.43	-0.25	0.00	0.11	-0.03	-0.33	0.00	-1.70	-1.07	-0.44	0.00	-0.33	0.95	-2.33	0.40	-19.83803427	
592	-2.08	0.41	-0.51	-0.79	-0.68	-1.32	-0.34	-1.10	-0.90	-1.35	-0.79	0.43	-0.59	0.00	0.11	-0.99	-0.33	0.00	-1.30	-0.79	-0.70	0.00	-0.33	0.95	-2.33	0.40	-32.30836139	
593	-1.74	-0.03	-0.44	-0.79	-0.33	-1.32	-0.34	-0.84	-0.41	-0.81	-1.13	0.43	-0.41	0.00	0.11	-0.47	-0.33	0.00	-1.17	-0.24	-1.28	0.25	-0.33	0.95	-1.63	-0.15	-32.78942575	
594	-1.44	0.20	-0.44	-0.79	-0.33	-1.32	-0.34	-0.81	-0.41	-1.35	-1.29	0.43	-0.41	0.00	0.11	-0.48	-0.33	0.00	-1.57	-0.51	-1.32	0.25	-0.33	0.95	-1.63	-0.15	-33.55732798	
595	-1.25	0.03	-0.27	-0.79	-0.33	0.27	-0.34	-1.00	0.53	-1.17	-0.88	0.43	-0.05	0.00	0.11	0.52	-0.33	0.00	-1.28	-0.51	0.53	0.25	-0.33	0.95	-1.63	-0.15	-17.34394569	
596	-1.55	-0.20	-0.59	-0.79	-0.33	-0.79	-0.34	-1.03	-0.37	-0.63	-0.72	0.43	-0.39	0.00	0.11	-0.44	-0.33	0.00	-0.89	-0.24	-0.60	0.25	-0.33	0.95	-1.63	-0.15	-29.81427059	
597	-2.27	0.54	-0.26	0.80	-0.68	-1.05	-0.34	-0.90	0.05	-1.72	-1.19	0.43	-0.23	0.00	0.11	0.02	-0.33	0.00	-1.32	-0.24	-0.69	0.00	-0.33	0.95	-2.33	0.31	-12.85069702	
598	-1.97	0.77	-0.26	0.80	-0.68	-1.05	-0.34	-0.87	0.05	-2.26	-1.35	0.43	-0.23	0.00	0.11	0.02	-0.33	0.00	-1.72	-0.51	-0.72	0.00	-0.33	0.95	-2.33	0.31	-13.61859962	
599	-1.78	0.60	-0.09	0.80	-0.68	0.01	-0.34	-1.07	0.09	-2.08	-0.94	0.43	-0.22	0.00	0.11	0.06	-0.33	0.00	-1.76	-1.07	0.58	0.00	-0.33	0.95	-2.33	0.31	-8.502774102	
600	-2.08	0.37	-0.41	0.80	-0.68	-1.05	-0.34	-1.10	-0.81	-1.54	-0.79	0.43	-0.56	0.00	0.11	-0.90	-0.33	0.00	-1.37	-0.79	-0.55	0.00	-0.33	0.95	-2.33	0.31	-20.973099	
601	-1.74	-0.06	-0.34	0.80	-0.33	-1.05	-0.34	-0.84	-0.33	-0.99	-1.13	0.43	-0.38	0.00	0.11	-0.39	-0.33	0.00	-1.24	-0.24	-1.13	0.25	-0.33	0.95	-1.63	-0.24	-21.45416353	
602	-1.44	0.16	-0.34	0.80	-0.33	-1.05	-0.34	-0.81	-0.33	-1.54	-1.29	0.43	-0.38	0.00	0.11	-0.39	-0.33	0.00	-1.64	-0.51	-1.17	0.25	-0.33	0.95	-1.63	-0.24	-22.22206781	
603	-1.25	-0.01	-0.17	0.80	-0.33	0.54	-0.34	-1.00	0.61	-1.35	-0.88	0.43	-0.02	0.00	0.11	0.61	-0.33	0.00	-1.35	-0.51	0.68	0.25	-0.33	0.95	-1.63	-0.24	-6.008683474	
604	-1.55	-0.24	-0.49	0.80	-0.33	-0.52	-0.34	-1.03	-0.29	-0.81	-0.72	0.43	-0.36	0.00	0.11	-0.35	-0.33	0.00	-0.96	-0.24	-0.46	0.25	-0.33	0.95	-1.63	-0.24	-18.47901042	
605	-2.03	-0.13	0.36	0.80	-0.33	-0.52	-0.34	-0.75	0.58	-1.35	-1.32	0.43	-0.04	0.00	0.11	0.57	-0.33	0.00	-1.19	-0.24	-0.49	0.00	-0.33	0.95	-2.33	-0.25	-14.46551353	
606	-1.74	0.09	0.36	0.80	-0.33	-0.52	-0.34	-0.72	0.58	-1.90	-1.48	0.43	-0.04	0.00	0.11	0.57	-0.33	0.00	-1.59	-0.51	-0.52	0.00	-0.33	0.95	-2.33	-0.25	-15.23341576	
607	-1.54	-0.08	0.54	0.80	-0.33	0.54	-0.34	-0.92	0.62	-1.72	-1.07	0.43	-0.02	0.00	0.11	0.61	-0.33	0.00	-1.63	-1.07	0.78	0.00	-0.33	0.95	-2.33	-0.25	-10.11759061	
608	-1.84	-0.31	0.22	0.80	-0.33	-0.52	-0.34	-0.95	-0.29	-1.17	-0.91	0.43	-0.36	0.00	0.11	-0.35	-0.33	0.00	-1.24	-0.79	-0.35	0.00	-0.33	0.95	-2.33	-0.25	-22.58791568	
609	-1.50	-0.74	0.28	0.80	0.02	-0.52	-0.34	-0.68	0.20	-0.63	-1.26	0.43	-0.18	0.00	0.11	0.17	-0.33	0.00	-1.11	-0.24	-0.93	0.25	-0.33	0.95	-1.63	-0.80	-23.06898004	
610	-1.21	-0.52	0.28	0.80	0.02	-0.52	-0.34	-0.65	0.19	-1.17	-1.41	0.43	-0.18	0.00	0.11	0.17	-0.33	0.00	-1.50	-0.51	-0.97	0.25	-0.33	0.95	-1.63	-0.80	-23.83688432	
611	-0.61	-0.69	0.46	0.80	0.02	1.07	-0.34	-0.85	1.14	-0.99	-1.01	0.43	0.17	0.00	0.11	1.16	-0.33	0.00	-1.22	-0.51	0.88	0.25	-0.33	0.95	-1.63	-0.80	-7.623499981	
612	-1.31	-0.91	0.14	0.80	0.02	0.01	-0.34	-0.88	0.23	-0.44	-0.85	0.43	-0.17	0.00	0.11	0.21	-0.33	0.00	-0.83	-0.24	-0.26	0.25	-0.33	0.95	-1.63	-0.80	-20.09382693	
613	-1.27	-1.34	1.60	0.00	1.75	-0.52	-0.34	-0.11	1.66	-0.63	-1.12	0.43	0.37	0.00	0.11	1.71	-0.33	0.00	-0.30	-0.24	0.43	1.51	-0.33	1.99	-0.93	-1.34	0.246381264	
614	-0.97	-1.12	1.60	0.00	1.75	-0.52	-0.34	-0.08	1.65	-1.17	-1.28	0.43	0.37	0.00	0.11	1.71	-0.33	0.00	-0.70	-0.51	0.39	1.51	-0.33	1.99	-0.93	-1.34	-0.521523384	
615	-0.78	-1.29	1.77	0.00	1.75	0.54	-0.34	-0.27	1.69	-0.99	-0.87	0.43	0.38	0.00	0.11	1.75	-0.33	0.00	-0.74	-1.07	1.70	1.51	-0.33	1.99	-0.93	-1.34	4.59430418	
616	-1.07	-1.51	1.46	0.00	1.75	-0.52	-0.34	-0.30	0.79	-0.44	-0.71	0.43	0.04	0.00	0.11	0.79	-0.33	0.00	-0.35	-0.79	0.56	1.51	-0.33	1.99	-0.93	-1.34	-7.876021255	
617	-0.62	-0.87	0.78	1.59	1.06	0.01	-0.34	-0.59	0.80	-0.08	-1.09	0.43	0.04	0.00	0.11	0.80	-0.33	0.00	-1.05	-0.24	-0.41	0.75	-0.33	0.95	-0.24	-1.33	-5.754401834	
618	-0.32	-0.64	0.78	1.59	1.06	0.01	-0.34	-0.56	0.80	-0.63	-1.25	0.43	0.04	0.00	0.11	0.79	-0.33	0.00	-1.44	-0.51	-0.45	0.75	-0.33	0.95	-0.24	-1.33	-6.522303875	
619	-0.13	-0.82	0.95	1.59	1.06	1.60	-0.34	-0.76	1.74	-0.44	-0.84	0.43	0.40	0.00	0.11	1.79	-0.33	0.00	-1.16	-0.51	1.40	0.75	-0.33	0.95	-0.24	-1.33	9.691078221	
620	-0.43	-1.04	0.64	1.59	1.06	0.54	-0.34	-0.79	0.83	0.10	-0.69	0.43	0.06	0.00	0.11	0.83	-0.33	0.00	-0.77	-0.24	0.26	0.75	-0.33	0.95	-0.24	-1.33	-2.779246673	
621	-1.15	-0.29	0.86	0.00	0.02	0.01	-0.34	-0.66	1.12	-0.81	-1.15	0.43	0.17	0.00	0.11	1.14	-0.33	0.00	-1.13	-0.24	-0.03	0.50	-0.33	0.95	-0.93	-0.81	-10.11868382	
622	-0.85	-0.07	0.86	0.00	0.02	0.01	-0.34	-0.62	1.12	-1.35	-1.31	0.43	0.17	0.00	0.11	1.14	-0.33	0.00	-1.53	-0.51	-0.07	0.50	-0.33	0.95	-0.93	-0.81	-10.88658847	
623	-0.66	-0.24	1.03	0.00	0.02	1.07	-0.34	-0.82	1.16	-1.17	-0.91	0.43	0.18	0.00	0.11	1.18	-0.33	0.00	-1.57	-1.07	1.23	0.50	-0.33	0.95	-0.93	-0.81	-5.7707609	
624	-0.96	-0.47	0.71	0.00	0.02	0.01	-0.34	-0.85	0.25	-0.63	-0.75	0.43	-0.16	0.00	0.11	0.22	-0.33	0.00	-1.18	-0.79	0.10	0.50	-0.33	0.95	-0.93	-0.81	-18.24108597	
625	-1.12	-0.94	0.66	-0.79	-0.68	-1.05	-0.34	-0.90	0.83	-1.54	-1.74	0.43	0.06	0.00	0.11	1.21	-0.48	-0.33	0.00	-1.35	-0.24	-2.16	0.25	-0.33	0.95	-1.63	-0.51	-40.09437485
626	-0.82	-0.71	0.66	-0.79	-0.68	-1.05	-0.34	-0.86	0.83	-2.08	-1.90	0.43	0.06	0.00	0.11	1.21	-0.48	-0.33	0.00	-1.75	-0.51	-2.20	0.25	-0.33	0.95	-1		

664	0.00	-2.31	1.75	-1.59	1.40	-0.52	-0.34	-0.45	1.03	0.46	-0.23	0.43	0.13	0.00	0.00	0.86	0.15	-0.33	0.00	0.06	-0.79	0.08	1.76	-0.33	1.99	-0.25	1.61	21.89214364
665	0.46	-1.67	1.07	0.00	0.71	0.01	-0.34	-0.73	1.04	0.83	-0.61	0.43	0.13	0.00	0.00	0.86	0.15	-0.33	0.00	-0.64	-0.24	-0.89	1.01	-0.33	0.95	0.46	-1.59	19.77052217
666	0.75	-1.44	1.07	0.00	0.71	0.01	-0.34	-0.70	1.04	0.28	-0.77	0.43	0.13	0.00	0.00	0.86	0.15	-0.33	0.00	-1.03	-0.51	-0.93	1.01	-0.33	0.95	0.46	-1.59	20.53842682
667	0.94	-1.62	1.25	0.00	0.71	1.60	-0.34	-0.90	1.98	0.46	-0.36	0.43	0.49	0.00	0.00	0.86	1.14	-0.33	0.00	-0.75	-0.51	0.92	1.01	-0.33	0.95	0.46	-1.59	4.325042115
668	0.65	-1.84	0.93	0.00	0.71	0.54	-0.34	-0.93	1.07	1.01	-0.21	0.43	0.15	0.00	0.00	0.86	0.19	-0.33	0.00	-0.35	-0.24	-0.22	1.01	-0.33	0.95	0.46	-1.59	16.79536923
669	-0.07	-1.09	1.15	-1.59	-0.33	0.01	-0.34	-0.80	1.36	0.10	-0.67	0.43	0.26	0.00	0.00	0.86	0.50	-0.33	0.00	-0.72	-0.24	-0.51	0.75	-0.33	0.95	-0.24	-1.07	-24.13480638
670	0.22	-0.87	1.15	-1.59	-0.33	0.01	-0.34	-0.77	1.36	-0.44	-0.83	0.43	0.26	0.00	0.00	0.86	0.49	-0.33	0.00	-1.12	-0.51	-0.55	0.75	-0.33	0.95	-0.24	-1.07	-24.9027088
671	0.41	-1.04	1.33	-1.59	-0.33	1.07	-0.34	-0.97	1.40	-0.26	-0.43	0.43	0.27	0.00	0.00	0.86	0.53	-0.33	0.00	-1.16	-1.07	0.75	0.75	-0.33	0.95	-0.24	-1.07	-19.78688346
672	0.12	-1.27	1.01	-1.59	-0.33	0.01	-0.34	-1.00	0.49	0.28	-0.27	0.43	-0.07	0.00	0.00	0.86	-0.42	-0.33	0.00	-0.77	-0.79	-0.38	0.75	-0.33	0.95	-0.24	-1.07	-32.25720872
673	-0.66	-0.57	1.06	-0.79	-1.37	-0.26	-0.80	-0.54	1.08	0.28	0.53	0.03	3.07	0.00	0.00	1.11	-0.10	3.02	0.00	-0.31	-0.24	0.50	2.51	3.02	2.51	-1.63	-0.81	36.14941384
674	-0.37	-0.34	1.06	-0.79	-1.37	-0.26	-0.80	-0.51	1.08	-0.26	0.37	0.03	3.07	0.00	0.00	1.11	-0.10	3.02	0.00	-0.71	-0.51	0.46	2.51	3.02	2.51	-1.63	-0.81	35.38150956
675	-0.18	-0.51	1.23	-0.79	-1.37	0.80	-0.80	-0.71	1.12	-0.08	0.78	0.03	3.09	0.00	0.00	1.11	0.03	3.02	0.00	-0.75	-1.07	1.77	2.51	3.02	2.51	-1.63	-0.81	40.49733676
676	-0.47	-0.74	0.91	-0.79	-1.37	-0.26	-0.80	-0.74	0.21	0.46	0.93	0.03	2.75	0.00	0.00	1.11	-1.02	3.02	0.00	-0.36	-0.79	0.63	2.51	3.02	2.51	-1.63	-0.81	28.02701169
677	-0.13	-1.18	0.98	-0.79	-1.02	-0.26	-0.80	-0.48	0.70	1.01	0.59	0.03	2.93	0.00	0.00	1.11	-0.51	3.02	0.00	-0.23	-0.24	0.05	2.76	3.02	2.51	-0.93	-1.36	27.54594547
678	0.16	-0.95	0.98	-0.79	-1.02	-0.26	-0.80	-0.44	0.70	0.46	0.43	0.03	2.93	0.00	0.00	1.11	-0.51	3.02	0.00	-0.62	-0.51	0.01	2.76	3.02	2.51	-0.93	-1.36	26.77804324
679	0.35	-1.12	1.15	-0.79	-1.02	1.33	-0.80	-0.64	1.64	0.65	0.84	0.03	3.28	0.00	0.00	1.11	0.49	3.02	0.00	-0.34	-0.51	1.86	2.76	3.02	2.51	-0.93	-1.36	42.99142534
680	0.06	-1.35	0.83	-0.79	-1.02	0.27	-0.80	-0.67	0.73	1.19	1.00	0.03	2.94	0.00	0.00	1.11	-0.47	3.02	0.00	0.05	-0.24	0.73	2.76	3.02	2.51	-0.93	-1.36	30.52110046
681	-1.92	0.47	0.01	-0.79	-1.72	-0.79	-0.80	-0.67	0.21	-0.44	-0.79	0.03	-0.18	0.00	0.00	1.11	-1.02	-0.33	0.00	-0.57	-0.24	0.40	0.75	-0.33	1.47	-1.63	0.14	-7.23793535
682	-1.62	0.70	0.01	-0.79	-1.72	-0.79	-0.80	-0.64	0.20	-0.99	-0.94	0.03	-0.18	0.00	0.00	1.11	-1.03	-0.33	0.00	-0.96	-0.51	0.36	0.75	-0.33	1.47	-1.63	0.14	-8.00583963
683	-1.43	0.52	0.18	-0.79	-1.72	0.27	-0.80	-0.84	0.24	-0.81	-0.54	0.03	-0.16	0.00	0.00	1.11	-0.99	-0.33	0.00	-1.01	-1.07	1.67	0.75	-0.33	1.47	-1.63	0.14	-2.890012434
684	-1.72	0.30	-0.14	-0.79	-1.72	-0.79	-0.80	-0.87	-0.66	-0.26	-0.38	0.03	-0.50	0.00	0.00	1.11	-1.94	-0.33	0.00	-0.61	-0.79	0.54	0.75	-0.33	1.47	-1.63	0.14	-15.36033955
685	-1.38	-0.14	-0.07	-0.79	-1.37	-0.79	-0.80	-0.61	-0.18	0.28	-0.72	0.03	-0.32	0.00	0.00	1.11	-1.43	-0.33	0.00	-0.49	-0.24	-0.04	1.01	-0.33	1.47	-0.93	-0.41	-15.84140391
686	-1.09	0.09	-0.07	-0.79	-1.37	-0.79	-0.80	-0.58	-0.18	-0.26	-0.88	0.03	-0.32	0.00	0.00	1.11	-1.43	-0.33	0.00	-0.88	-0.51	-0.08	1.01	-0.33	1.47	-0.93	-0.41	-16.60930819
687	-0.90	-0.08	0.10	-0.79	-1.37	0.80	-0.80	-0.77	0.77	-0.08	-0.48	0.03	0.03	0.00	0.00	1.11	-0.44	-0.33	0.00	-0.60	-0.51	1.76	1.01	-0.33	1.47	-0.93	-0.41	-0.395923486
688	-1.19	-0.31	-0.22	-0.79	-1.37	-0.26	-0.80	-0.81	-0.14	0.46	-0.32	0.03	-0.31	0.00	0.00	1.11	-1.39	-0.33	0.00	-0.20	-0.24	0.63	1.01	-0.33	1.47	-0.93	-0.41	-12.86624875
689	-1.92	0.43	0.11	0.80	-1.72	-0.52	-0.80	-0.67	0.29	-0.63	-0.79	0.03	-0.14	0.00	0.00	1.11	-0.94	-0.33	0.00	-0.64	-0.24	0.55	0.75	-0.33	1.47	-1.63	0.05	4.097324819
690	-1.62	0.66	0.11	0.80	-1.72	-0.52	-0.80	-0.64	0.29	-1.17	-0.94	0.03	-0.15	0.00	0.00	1.11	-0.94	-0.33	0.00	-1.03	-0.51	0.51	0.75	-0.33	1.47	-1.63	0.05	3.329422588
691	-1.43	0.49	0.28	0.80	-1.72	0.54	-0.80	-0.84	0.33	-0.99	-0.54	0.03	-0.13	0.00	0.00	1.11	-0.90	-0.33	0.00	-1.08	-1.07	1.82	0.75	-0.33	1.47	-1.63	0.05	8.445247735
692	-1.72	0.26	-0.04	0.80	-1.72	-0.52	-0.80	-0.87	-0.58	-0.44	-0.38	0.03	-0.47	0.00	0.00	1.11	-1.86	-0.33	0.00	-0.68	-0.79	0.68	0.75	-0.33	1.47	-1.63	0.05	-4.025077331
693	-1.38	-0.17	0.03	0.80	-1.37	-0.52	-0.80	-0.61	-0.09	0.10	-0.72	0.03	-0.29	0.00	0.00	1.11	-1.34	-0.33	0.00	-0.55	-0.24	0.10	1.01	-0.33	1.47	-0.93	-0.50	-4.506143741
694	-1.09	0.05	0.03	0.80	-1.37	-0.52	-0.80	-0.58	-0.10	-0.44	-0.88	0.03	-0.29	0.00	0.00	1.11	-1.35	-0.33	0.00	-0.95	-0.51	0.06	1.01	-0.33	1.47	-0.93	-0.50	-5.274045973
695	-0.90	-0.12	0.20	0.80	-1.37	1.07	-0.80	-0.77	0.85	-0.26	-0.48	0.03	0.06	0.00	0.00	1.11	-0.35	-0.33	0.00	-0.66	-0.51	1.91	1.01	-0.33	1.47	-0.93	-0.50	10.9393873
696	-1.19	-0.35	-0.12	0.80	-1.37	0.01	-0.80	-0.81	-0.06	0.28	-0.32	0.03	-0.28	0.00	0.00	1.11	-1.31	-0.33	0.00	-0.27	-0.24	0.78	1.01	-0.33	1.47	-0.93	-0.50	-1.530988579
697	-1.68	-0.24	0.73	0.80	-1.37	0.01	-0.80	-0.52	0.81	-0.26	-0.91	0.03	0.05	0.00	0.00	1.11	-0.38	-0.33	0.00	-0.50	-0.24	0.75	0.75	-0.33	1.47	-1.63	-0.51	2.482508311
698	-1.38	-0.02	0.73	0.80	-1.37	0.01	-0.80	-0.49	0.81	-0.81	-1.07	0.03	0.05	0.00	0.00	1.11	-0.39	-0.33	0.00	-0.90	-0.51	0.71	0.75	-0.33	1.47	-1.63	-0.51	1.71460608
699	-1.19	-0.19	0.91	0.80	-1.37	1.07	-0.80	-0.69	0.85	-0.63	-0.67	0.03	0.07	0.00	0.00	1.11	-0.35	-0.33	0.00	-0.94	-1.07	2.02	0.75	-0.33	1.47	-1.63	-0.51	6.830431595
700	-1.49	-0.42	0.59	0.80	-1.37	0.01	-0.80	-0.72	-0.05	-0.08	-0.51	0.03	-0.27	0.00	0.00	1.11	-1.30	-0.33	0.00	-0.55	-0.79	0.88	0.75	-0.33	1.47	-1.63	-0.51	-5.639893839
701	-1.15	-0.85	0.66	0.80	-1.02	0.01	-0.80	-0.45	0.43	0.46	-0.85	0.03	-0.09	0.00	0.00	1.11	-0.79	-0.33	0.00	-0.42	-0.24	0.30	1.01	-0.33	1.47	-0.93	-1.06	-6.120957832
702	-0.85	-0.63	0.65	0.80	-1.02	0.01	-0.80	-0.42	0.43	-0.08	-1.01	0.03	-0.09	0.00	0.00	1.11	-0.79	-0.33	0.00	-0.82	-0.51	0.26	1.01	-0.33	1.47	-0.93	-1.06	-6.88886248
703	-0.66	-0.80	0.83	0.80	-1.02	1.60	-0.80	-0.62	1.37	0.10	-0.60	0.03	0.26	0.00	0.00	1.11	0.20	-0.33	0.00	-0.53	-0.51	2.11	1.01	-0.33	1.47	-0.93	-1.06	9.324522225
704	-0.96	-1.02	0.51	0.80	-1.02	0.54	-0.80	-0.65	0.47	0.65	-0.45	0.03	-0.08	0.00	0.00	1.11	-0.75	-0.33	0.00	-0.14	-0.24	0.98	1.01	-0.33	1.47	-0.93	-1.06	-3.145805087
705	-0.91	-1.45	1.97	0.00	0.71	0.01	-0.80	0.12	1.89	0.46	-0.71	0.03	0.46	0.00	0.00	1.11	0.76	-0.33	0.00	0.39	-0.24	1.66	2.26	-0.33	2.51	-0.24	-1.61	17.1944031
706	-0.62	-1.23	1.97	0.00	0.71	0.01	-0.80	0.15	1.89	-0.08	-0.87	0.03	0.46	0.00	0.00	1.11	0.75	-0.33	0.00	-0.01	-0.51	1.63	2.26	-0.33	2.51	-0.24	-1.61	16.42649882
707	-0.43	-1.40	2.15	0.00	0.71	1.07	-0.80	-0.05	1.93	0.10	-0.47	0.03	0.47	0.00	0.00	1.11	0.79	-0.33	0.00	-0.05	-1.07	2.93	2.26	-0.33	2.51	-0.24	-1.61	21.542326602
708	-0.72	-1.62	1.83	0.00	0.71	0.01	-0.80	-0.08	1.02	0.65	-0.31	0.03	0.13	0.00	0.00	1.11	-0.16	-0.33	0.00	0.34	-0.79	1.80	2.26	-0.33	2.51	-0.24	-1.61	9.071998901
709	-0.26	-0.98	1.15	1.59	0.02	0.54	-0.80	-0.36	1.03	1.01	-0.69	0.03																

748	-0.07	-0.97	0.52	1.59	-0.33	1.33	-0.80	-0.70	0.67	1.01	-0.52	0.03	0.00	0.00	1.14	-0.58	-0.33	0.00	-0.10	-0.24	1.20	1.51	-0.33	1.47	0.46	1.15	12.87214235
749	-0.80	-0.22	0.75	0.00	-1.37	0.80	-0.80	-0.57	0.96	0.10	-0.99	0.03	0.11	0.00	1.14	-0.27	-0.33	0.00	-0.47	-0.24	0.90	1.26	-0.33	1.47	-0.24	-0.63	5.532705011
750	-0.50	0.01	0.75	0.00	-1.37	0.80	-0.80	-0.54	0.96	-0.44	-1.15	0.03	0.11	0.00	1.14	-0.27	-0.33	0.00	-0.86	-0.51	0.86	1.26	-0.33	1.47	-0.24	-0.63	4.764800363
751	-0.31	-0.17	0.92	0.00	-1.37	1.86	-0.80	-0.74	0.99	-0.26	-0.74	0.03	0.12	0.00	1.14	-0.23	-0.33	0.00	-0.91	-1.07	2.17	1.26	-0.33	1.47	-0.24	-0.63	9.880627928
752	-0.60	-0.39	0.60	0.00	-1.37	0.80	-0.80	-0.77	0.09	0.28	-0.59	0.03	-0.22	0.00	1.14	-0.19	-0.33	0.00	-0.51	-0.79	1.03	1.26	-0.33	1.47	-0.24	-0.63	-2.589697139
753	-0.66	-0.46	0.77	-0.79	-1.37	-0.26	-0.80	-0.54	0.85	0.10	0.12	0.03	2.99	0.00	1.14	-0.38	3.02	0.00	-0.36	-0.24	0.35	2.51	3.02	2.51	-1.63	-0.54	35.27458533
754	-0.37	-0.23	0.77	-0.79	-1.37	-0.26	-0.80	-0.51	0.85	-0.44	-0.03	0.03	2.99	0.00	1.14	-0.38	3.02	0.00	-0.76	-0.51	0.31	2.51	3.02	2.51	-1.63	-0.54	34.50668105
755	-0.18	-0.41	0.94	-0.79	-1.37	0.80	-0.80	-0.71	0.89	-0.26	0.37	0.03	3.00	0.00	1.14	-0.34	3.02	0.00	-0.80	-1.07	1.62	2.51	3.02	2.51	-1.63	-0.54	39.62250825
756	-0.47	-0.63	0.62	-0.79	-1.37	-0.26	-0.80	-0.74	-0.02	0.28	0.53	0.03	2.66	0.00	1.14	-1.30	3.02	0.00	-0.41	-0.79	0.48	2.51	3.02	2.51	-1.63	-0.54	27.15218113
757	-0.13	-1.07	0.69	-0.79	-1.02	-0.26	-0.80	-0.48	0.47	0.83	0.19	0.03	2.84	0.00	1.14	-0.78	3.02	0.00	-0.28	-0.24	-0.10	2.76	3.02	2.51	-0.93	-1.09	26.67111677
758	0.16	-0.84	0.69	-0.79	-1.02	-0.26	-0.80	-0.44	0.46	0.28	0.03	0.03	2.84	0.00	1.14	-0.79	3.02	0.00	-0.67	-0.51	-0.14	2.76	3.02	2.51	-0.93	-1.09	25.90321249
759	0.35	-1.01	0.86	-0.79	-1.02	1.33	-0.80	-0.64	1.41	0.46	0.43	0.03	3.19	0.00	1.14	0.21	3.02	0.00	-0.39	-0.51	1.71	2.76	3.02	2.51	-0.93	-1.09	42.11659683
760	0.06	-1.24	0.54	-0.79	-1.02	0.27	-0.80	-0.67	0.50	1.01	0.59	0.03	2.85	0.00	1.14	-0.75	3.02	0.00	0.01	-0.24	0.58	2.76	3.02	2.51	-0.93	-1.09	29.64627194
761	-1.92	0.58	-0.28	-0.79	-1.72	-0.26	-0.80	-0.67	-0.02	-0.63	-1.19	0.03	-0.26	0.00	1.14	-1.30	-0.33	0.00	-0.62	-0.24	0.25	0.75	-0.33	1.47	-1.63	0.40	-7.064095358
762	-1.62	0.81	-0.28	-0.79	-1.72	-1.35	-0.80	-0.64	-0.03	-1.17	-1.17	0.03	-0.26	0.00	1.14	-1.31	-0.33	0.00	-1.01	-0.51	0.21	0.75	-0.33	1.47	-1.63	0.40	-7.831997589
763	-1.43	0.63	-0.11	-0.79	-1.72	0.80	-0.80	-0.84	0.01	-0.99	-0.94	0.03	-0.25	0.00	1.14	-1.27	-0.33	0.00	-1.06	-1.07	1.52	0.75	-0.33	1.47	-1.63	0.40	-2.716172442
764	-1.72	0.41	-0.43	-0.79	-1.72	-0.26	-0.80	-0.87	-0.89	-0.44	-0.79	0.03	-0.59	0.00	1.14	-2.22	-0.33	0.00	-0.66	-0.79	0.38	0.75	-0.33	1.47	-1.63	0.40	-15.18649751
765	-1.38	-0.03	-0.36	-0.79	-1.37	-0.26	-0.80	-0.61	-0.41	0.10	-1.13	0.03	-0.41	0.00	1.14	-1.71	-0.33	0.00	-0.53	-0.24	-0.20	1.01	-0.33	1.47	-0.93	-0.15	-15.66756187
766	-1.09	0.20	-0.36	-0.79	-1.37	-0.26	-0.80	-0.58	-0.41	-0.44	-1.29	0.03	-0.41	0.00	1.14	-1.71	-0.33	0.00	-0.93	-0.51	-0.23	1.01	-0.33	1.47	-0.93	-0.15	-16.43546596
767	-0.90	0.03	-0.19	-0.79	-1.37	1.33	-0.80	-0.77	0.53	-0.26	-0.88	0.03	-0.05	0.00	1.14	-0.72	-0.33	0.00	-0.64	-0.51	1.61	1.01	-0.33	1.47	-0.93	-0.15	-0.222081446
768	-1.19	-0.20	-0.50	-0.79	-1.37	0.27	-0.80	-0.81	-0.37	0.28	-0.72	0.03	-0.39	0.00	1.14	-1.67	-0.33	0.00	-0.25	-0.24	0.48	1.01	-0.33	1.47	-0.93	-0.15	-12.69240876
769	-1.92	0.54	-0.18	0.80	-1.72	0.01	-0.80	-0.67	0.06	-0.81	-1.19	0.03	-0.23	0.00	1.14	-1.22	-0.33	0.00	-0.69	-0.24	0.40	0.75	-0.33	1.47	-1.63	0.31	4.27116686
770	-1.62	0.77	-0.18	0.80	-1.72	0.01	-0.80	-0.64	0.06	-1.35	-1.35	0.03	-0.23	0.00	1.14	-1.22	-0.33	0.00	-1.08	-0.51	0.36	0.75	-0.33	1.47	-1.63	0.31	3.50326258
771	-1.43	0.60	-0.01	0.80	-1.72	1.07	-0.80	-0.84	0.10	-1.17	-0.94	0.03	-0.22	0.00	1.14	-1.18	-0.33	0.00	-1.13	-1.07	1.66	0.75	-0.33	1.47	-1.63	0.31	8.619089776
772	-1.72	0.37	-0.33	0.80	-1.72	0.01	-0.80	-0.87	-0.81	-0.63	-0.79	0.03	-0.56	0.00	1.14	-2.14	-0.33	0.00	-0.73	-0.79	0.53	0.75	-0.33	1.47	-1.63	0.31	-3.851237341
773	-1.38	-0.06	-0.26	0.80	-1.37	0.01	-0.80	-0.61	-0.32	-0.08	-1.13	0.03	-0.38	0.00	1.14	-1.62	-0.33	0.00	-0.60	-0.24	-0.05	1.01	-0.33	1.47	-0.93	-0.24	-4.33230151
774	-1.09	0.16	-0.26	0.80	-1.37	0.01	-0.80	-0.58	-0.33	-0.63	-1.29	0.03	-0.38	0.00	1.14	-1.63	-0.33	0.00	-1.00	-0.51	-0.09	1.01	-0.33	1.47	-0.93	-0.24	-5.100203741
775	-0.90	-0.01	-0.09	0.80	-1.37	1.60	-0.80	-0.77	0.62	-0.44	-0.88	0.03	-0.02	0.00	1.14	-0.63	-0.33	0.00	-0.71	-0.51	1.76	1.01	-0.33	1.47	-0.93	-0.24	11.11317872
776	-1.19	-0.24	-0.40	0.80	-1.37	0.54	-0.80	-0.81	-0.29	0.10	-0.72	0.03	-0.36	0.00	1.14	-1.59	-0.33	0.00	-0.32	-0.24	0.62	1.01	-0.33	1.47	-0.93	-0.24	-1.357146538
777	-1.68	-0.13	0.45	0.80	-1.37	0.54	-0.80	-0.52	0.58	-0.44	-1.32	0.03	-0.03	0.00	1.14	-0.66	-0.33	0.00	-0.55	-0.24	0.59	0.75	-0.33	1.47	-1.63	-0.25	2.656350353
778	-1.38	0.09	0.44	0.80	-1.37	0.54	-0.80	-0.49	0.58	-0.99	-1.48	0.03	-0.04	0.00	1.14	-0.66	-0.33	0.00	-0.95	-0.51	0.56	0.75	-0.33	1.47	-1.63	-0.25	1.888446072
779	-1.19	-0.08	0.62	0.80	-1.37	1.60	-0.80	-0.69	0.62	-0.81	-1.07	0.03	-0.02	0.00	1.14	-0.63	-0.33	0.00	-0.99	-1.07	1.86	0.75	-0.33	1.47	-1.63	-0.25	7.004273636
780	-1.49	-0.31	0.30	0.80	-1.37	0.54	-0.80	-0.72	-0.28	-0.26	-0.91	0.03	-0.36	0.00	1.14	-1.58	-0.33	0.00	-0.60	-0.79	0.73	0.75	-0.33	1.47	-1.63	-0.25	-5.466053848
781	-1.15	-0.74	0.37	0.80	-1.02	0.54	-0.80	-0.45	0.20	0.28	-1.26	0.03	-0.18	0.00	1.14	-1.07	-0.33	0.00	-0.47	-0.24	0.15	1.01	-0.33	1.47	-0.93	-0.80	-5.94711784
782	-0.85	-0.52	0.37	0.80	-1.02	0.54	-0.80	-0.42	0.20	-0.26	-1.41	0.03	-0.18	0.00	1.14	-1.07	-0.33	0.00	-0.87	-0.51	0.11	1.01	-0.33	1.47	-0.93	-0.80	-6.715020249
783	-0.66	-0.69	0.54	0.80	-1.02	2.13	-0.80	-0.62	1.14	-0.08	-1.01	0.03	0.17	0.00	1.14	-0.07	-0.33	0.00	-0.58	-0.51	1.96	1.01	-0.33	1.47	-0.93	-0.80	9.498362126
784	-0.96	-0.91	0.22	0.80	-1.02	1.07	-0.80	-0.65	0.24	0.46	-0.85	0.03	-0.17	0.00	1.14	-1.03	-0.33	0.00	-0.19	-0.24	0.82	1.01	-0.33	1.47	-0.93	-0.80	-2.971963047
785	-0.91	-1.34	1.68	0.00	0.71	0.54	-0.80	0.12	1.66	0.28	-1.12	0.03	0.37	0.00	1.14	0.48	-0.33	0.00	0.34	-0.24	1.51	2.26	-0.33	2.51	-0.24	-1.34	17.36824309
786	-0.62	-1.12	1.68	0.00	0.71	0.54	-0.80	0.15	1.66	-0.26	-1.28	0.03	0.37	0.00	1.14	0.47	-0.33	0.00	-0.06	-0.51	1.47	2.26	-0.33	2.51	-0.24	-1.34	16.60034086
787	-0.43	-1.29	1.86	0.00	0.71	1.60	-0.80	-0.05	1.70	-0.08	-0.87	0.03	0.38	0.00	1.14	0.51	-0.33	0.00	-0.10	-1.07	2.78	2.26	-0.33	2.51	-0.24	-1.34	21.71616806
788	-0.72	-1.51	1.54	0.00	0.71	0.54	-0.80	-0.08	0.79	0.46	-0.71	0.03	0.04	0.00	1.14	-0.44	-0.33	0.00	0.29	-0.79	1.64	2.26	-0.33	2.51	-0.24	-1.34	9.245840942
789	-0.26	-0.87	0.86	1.59	0.02	1.07	-0.80	-0.36	0.80	0.83	-1.09	0.03	0.04	0.00	1.14	-0.44	-0.33	0.00	-0.41	-0.24	0.67	1.51	-0.33	1.47	0.46	-1.33	11.36746224
790	0.03	-0.64	0.86	1.59	0.02	1.07	-0.80	-0.33	0.80	0.28	-1.25	0.03	0.04	0.00	1.14	-0.44	-0.33	0.00	-0.81	-0.51	0.63	1.51	-0.33	1.47	0.46	-1.33	10.59955795
791	0.22	-0.82	1.04	1.59	0.02	2.66	-0.80	-0.53	1.74	0.46	-0.84	0.03	0.40	0.00	1.14	0.55	-0.33	0.00	-0.52	-0.51	2.48	1.51	-0.33	1.47	0.46	-1.33	26.81294266
792	-0.07	-1.04	0.72	1.59	0.02	1.60	-0.80	-0.56	0.84	1.01	-0.69	0.03	0.06	0.00	1.14	-0.40	-0.33	0.00	-0.13	-0.24	1.34	1.51	-0.33	1.47	0.46	-1.33	14.34261517
793	-0.80	-0.29	0.94	0.00	-1.02	1.07	-0.80	-0.43	1.12	0.10	-1.15	0.03	0.17	0.00	1.14	-0.09	-0.33	0.00	-0.49	-0.24	1.05	1.26	-0.33	1.47	-0.24	-0.81	7.00317784
794	-0.50	-0.07	0.94	0.00	-1.02	1.07	-0.80	-0.40	1.12	-0.44	-1.31	0.03	0.17	0.00	1.14	-0.10	-0.33	0.00	-0.89	-0.51	1.01	1.26	-0.33	1.47	-0.24	-0.81	6.23527578

832	0.12	-1.71	0.51	-0.79	-1.37	1.07	-0.80	-0.80	0.48	1.37	-0.37	0.03	-0.08	0.00	1.88	-1.68	-0.33	0.00	0.22	-0.24	0.34	1.26	-0.33	1.47	-0.24	1.06	16.98808561
833	0.16	-2.14	1.98	-1.59	0.36	0.54	-0.80	-0.02	1.90	1.19	-0.64	0.03	0.46	0.00	1.88	-0.17	-0.33	0.00	0.75	-0.24	1.03	2.51	-0.33	2.51	-1.61	3.352122583	
834	0.46	-1.92	1.98	-1.59	0.36	0.54	-0.80	0.01	1.90	0.65	-0.80	0.03	0.46	0.00	1.88	-0.17	-0.33	0.00	0.35	-0.51	0.99	2.51	-0.33	2.51	0.46	-1.61	2.584217934
835	0.65	-2.09	2.15	-1.59	0.36	1.60	-0.80	-0.19	1.94	0.83	-0.39	0.03	0.47	0.00	1.88	-0.14	-0.33	0.00	0.31	-1.07	2.30	2.51	-0.33	2.51	0.46	-1.61	7.700045499
836	0.35	-2.31	1.83	-1.59	0.36	0.54	-0.80	-0.22	1.03	1.37	-0.23	0.03	0.13	0.00	1.88	-1.09	-0.33	0.00	0.70	-0.79	1.17	2.51	-0.33	2.51	0.46	-1.61	-4.770281445
837	0.81	-1.67	1.16	0.00	-0.33	1.07	-0.80	-0.51	1.04	1.74	-0.61	0.03	0.13	0.00	1.88	-1.09	-0.33	0.00	0.00	-0.24	0.19	1.76	-0.33	1.47	1.16	-1.59	-2.648660324
838	1.11	-1.44	1.16	0.00	-0.33	1.07	-0.80	-0.48	1.04	1.19	-0.77	0.03	0.13	0.00	1.88	-1.09	-0.33	0.00	-0.40	-0.51	0.15	1.76	-0.33	1.47	1.16	-1.59	-3.416564433
839	1.30	-1.62	1.33	0.00	-0.33	2.66	-0.80	-0.67	1.98	1.37	-0.36	0.03	0.49	0.00	1.88	-0.09	-0.33	0.00	-0.11	-0.51	2.00	1.76	-0.33	1.47	1.16	-1.59	12.7968199
840	1.00	-1.84	1.01	0.00	-0.33	1.60	-0.80	-0.70	1.08	1.92	-0.21	0.03	0.15	0.00	1.88	-1.05	-0.33	0.00	0.28	-0.24	0.86	1.76	-0.33	1.47	1.16	-1.59	0.326494837
841	0.28	-1.09	1.23	-1.59	-1.37	1.07	-0.80	-0.57	1.36	1.01	-0.67	0.03	0.26	0.00	1.88	-0.74	-0.33	0.00	-0.08	-0.24	0.57	1.51	-0.33	1.47	0.46	-1.07	-7.012942498
842	0.57	-0.87	1.23	-1.59	-1.37	1.07	-0.80	-0.54	1.36	0.46	-0.83	0.03	0.26	0.00	1.88	-0.74	-0.33	0.00	-0.48	-0.51	0.53	1.51	-0.33	1.47	0.46	-1.07	-7.780847146
843	0.77	-1.04	1.41	-1.59	-1.37	2.13	-0.80	-0.74	1.40	0.65	-0.43	0.03	0.27	0.00	1.88	-0.70	-0.33	0.00	-0.52	-1.07	1.84	1.51	-0.33	1.47	0.46	-1.07	-2.665019581
844	0.47	-1.27	1.09	-1.59	-1.37	1.07	-0.80	-0.77	0.49	1.19	-0.27	0.03	-0.07	0.00	1.88	-1.66	-0.33	0.00	-0.13	-0.79	0.70	1.51	-0.33	1.47	0.46	-1.07	-15.1353467
845	-0.72	0.12	0.47	0.00	-0.68	-1.05	1.56	-0.38	0.34	-0.63	1.82	-0.83	2.79	0.00	-0.70	1.30	3.02	0.00	-0.72	1.71	-0.61	2.26	3.02	1.99	-0.93	0.02	45.06167327
846	-0.43	0.34	0.47	0.00	-0.68	-1.05	1.56	-0.35	0.34	-1.17	-0.68	-0.83	2.79	0.00	-0.70	1.30	3.02	0.00	-1.12	1.43	-0.64	2.26	3.02	1.99	-0.93	0.02	44.29376916
847	-0.23	0.17	0.64	0.00	-0.68	0.01	1.56	-0.55	0.38	-0.99	2.07	-0.83	2.81	0.00	-0.70	1.34	3.02	0.00	-1.16	0.87	0.66	2.26	3.02	1.99	-0.93	0.02	49.40959638
848	-0.53	-0.06	0.32	0.00	-0.68	-1.05	1.56	-0.58	-0.53	-0.44	2.23	-0.83	2.47	0.00	-0.70	0.38	3.02	0.00	-0.77	1.15	-0.47	2.26	3.02	1.99	-0.93	0.02	36.93926943
849	-0.19	-0.49	0.39	0.00	-0.33	-1.05	1.56	-0.31	-0.05	0.10	1.89	-0.83	2.65	0.00	-0.70	0.90	3.02	0.00	-0.64	1.71	-1.05	2.51	3.02	1.99	-0.24	-0.53	36.4582049
850	0.11	-0.26	0.39	0.00	-0.33	-1.05	1.56	-0.28	-0.05	-0.44	1.73	-0.83	2.65	0.00	-0.70	0.89	3.02	0.00	-1.03	1.43	-1.09	2.51	3.02	1.99	-0.24	-0.53	35.69030079
851	0.30	-0.44	0.56	0.00	-0.33	0.54	1.56	-0.48	0.90	-0.26	2.13	-0.83	3.00	0.00	-0.70	1.89	3.02	0.00	-0.75	1.43	0.76	2.51	3.02	1.99	-0.24	-0.53	51.90368513
852	0.00	-0.66	0.24	0.00	-0.33	-0.52	1.56	-0.51	-0.01	0.28	2.29	-0.83	2.66	0.00	-0.70	0.93	3.02	0.00	-0.35	1.71	-0.38	2.51	3.02	1.99	-0.24	-0.53	39.43336006
853	-1.97	1.16	-0.58	0.00	-1.02	-1.58	1.56	-0.51	-0.54	-1.35	0.51	-0.83	-0.45	0.00	-0.70	0.38	-0.33	0.00	-0.98	1.71	-0.70	0.50	-0.33	0.95	-0.93	0.97	1.674322201
854	-1.68	1.38	-0.58	0.00	-1.02	-1.58	1.56	-0.48	-0.54	-1.90	0.35	-0.83	-0.45	0.00	-0.70	0.38	-0.33	0.00	-1.37	1.43	-0.74	0.50	-0.33	0.95	-0.93	0.97	0.906419969
855	-1.49	1.21	-0.41	0.00	-1.02	-0.52	1.56	-0.68	-0.50	-1.72	0.76	-0.83	-0.44	0.00	-0.70	0.41	-0.33	0.00	-1.42	0.87	0.56	0.50	-0.33	0.95	-0.93	0.97	6.022245118
856	-1.78	0.98	-0.73	0.00	-1.02	-1.58	1.56	-0.71	-1.40	-1.17	0.91	-0.83	-0.78	0.00	-0.70	-0.54	-0.33	0.00	-1.02	1.15	-0.57	0.50	-0.33	0.95	-0.93	0.97	-6.44807995
857	-1.44	0.55	-0.66	0.00	-0.68	-1.58	1.56	-0.45	-0.92	-0.63	0.57	-0.83	-0.60	0.00	-0.70	-0.03	-0.33	0.00	-0.89	1.71	-1.15	0.75	-0.33	0.95	-0.24	0.42	-6.92914431
858	-1.15	0.78	-0.66	0.00	-0.68	-1.58	1.56	-0.42	-0.92	-1.17	0.41	-0.83	-0.60	0.00	-0.70	-0.03	-0.33	0.00	-1.29	1.43	-1.19	0.75	-0.33	0.95	-0.24	0.42	-7.6970484
859	-0.95	0.60	-0.49	0.00	-0.68	0.01	1.56	-0.61	0.02	-0.99	0.82	-0.83	-0.24	0.00	-0.70	0.97	-0.33	0.00	-1.00	1.43	0.66	0.75	-0.33	0.95	-0.24	0.42	8.516335746
860	-1.25	0.38	-0.80	0.00	-0.68	-1.05	1.56	-0.64	-0.88	-0.44	0.98	-0.83	-0.58	0.00	-0.70	0.01	-0.33	0.00	-0.61	1.71	-0.48	0.75	-0.33	0.95	-0.24	0.42	-3.953991371
861	-1.97	1.12	-0.48	1.59	-1.02	-1.32	1.56	-0.51	-0.45	-1.54	0.51	-0.83	-0.42	0.00	-0.70	0.46	-0.33	0.00	-1.04	1.71	-0.56	0.50	-0.33	0.95	-0.93	0.88	13.00958442
862	-1.68	1.35	-0.48	1.59	-1.02	-1.32	1.56	-0.48	-0.46	-2.08	0.35	-0.83	-0.42	0.00	-0.70	0.46	-0.33	0.00	-1.44	1.43	-0.59	0.50	-0.33	0.95	-0.93	0.88	12.24168014
863	-1.49	1.17	-0.31	1.59	-1.02	-0.26	1.56	-0.68	-0.42	-1.90	0.76	-0.83	-0.41	0.00	-0.70	0.50	-0.33	0.00	-1.48	0.87	0.71	0.50	-0.33	0.95	-0.93	0.88	17.35750734
864	-1.78	0.95	-0.63	1.59	-1.02	-1.32	1.56	-0.71	-1.32	-1.35	0.91	-0.83	-0.75	0.00	-0.70	-0.46	-0.33	0.00	-1.09	1.15	-0.42	0.50	-0.33	0.95	-0.93	0.88	4.887180219
865	-1.44	0.51	-0.56	1.59	-0.68	-1.32	1.56	-0.45	-0.84	-0.81	0.57	-0.83	-0.57	0.00	-0.70	0.06	-0.33	0.00	-0.96	1.71	-1.00	0.75	-0.33	0.95	-0.24	0.33	4.406116049
866	-1.15	0.74	-0.56	1.59	-0.68	-1.32	1.56	-0.42	-0.84	-1.35	0.41	-0.83	-0.57	0.00	-0.70	0.06	-0.33	0.00	-1.36	1.43	-1.04	0.75	-0.33	0.95	-0.24	0.33	3.638213818
867	-0.95	0.57	-0.39	1.59	-0.68	0.27	1.56	-0.61	0.11	-1.17	0.82	-0.83	-0.21	0.00	-0.70	1.05	-0.33	0.00	-1.07	1.43	0.81	0.75	-0.33	0.95	-0.24	0.33	19.85159591
868	-1.25	0.34	-0.70	1.59	-0.68	-0.79	1.56	-0.64	-0.80	-0.63	0.98	-0.83	-0.55	0.00	-0.70	0.10	-0.33	0.00	-0.68	1.71	-0.33	0.75	-0.33	0.95	-0.24	0.33	7.38127102
869	-1.74	0.44	0.15	1.59	-0.68	-0.79	1.56	-0.36	0.07	-1.17	0.38	-0.83	-0.23	0.00	-0.70	1.02	-0.33	0.00	-0.91	1.71	-0.36	0.50	-0.33	0.95	-0.93	0.32	11.39476791
870	-1.44	0.67	0.14	1.59	-0.68	-0.79	1.56	-0.33	0.07	-1.72	0.22	-0.83	-0.23	0.00	-0.70	1.02	-0.33	0.00	-1.31	1.43	-0.40	0.50	-0.33	0.95	-0.93	0.32	10.62686363
871	-1.25	0.49	0.32	1.59	-0.68	0.27	1.56	-0.53	0.11	-1.54	0.63	-0.83	-0.21	0.00	-0.70	1.06	-0.33	0.00	-1.35	0.87	0.91	0.50	-0.33	0.95	-0.93	0.32	15.7426912
872	-1.54	0.27	0.00	1.59	-0.68	-0.79	1.56	-0.56	-0.80	-0.99	0.79	-0.83	-0.55	0.00	-0.70	0.10	-0.33	0.00	-0.96	1.15	-0.22	0.50	-0.33	0.95	-0.93	0.32	3.272365761
873	-1.20	-0.17	0.07	1.59	-0.33	-0.79	1.56	-0.29	-0.31	-0.44	0.44	-0.83	-0.37	0.00	-0.70	0.61	-0.33	0.00	-0.83	1.71	-0.80	0.75	-0.33	0.95	-0.24	-0.23	2.791299719
874	-0.91	0.06	0.07	1.59	-0.33	-0.79	1.56	-0.26	-0.31	-0.99	0.29	-0.83	-0.37	0.00	-0.70	0.61	-0.33	0.00	-1.22	1.43	-0.84	0.75	-0.33	0.95	-0.24	-0.23	2.023397121
875	-0.72	-0.11	0.24	1.59	-0.33	0.80	1.56	-0.46	0.63	-0.81	0.69	-0.83	-0.02	0.00	-0.70	1.61	-0.33	0.00	-0.94	1.43	1.00	0.75	-0.33	0.95	-0.24	-0.23	18.23677977
876	-1.01	-0.34	-0.08	1.59	-0.33	-0.26	1.56	-0.49	-0.28	-0.26	0.85	-0.83	-0.36	0.00	-0.70	0.65	-0.33	0.00	-0.55	1.71	-0.13	0.75	-0.33	0.95	-0.24	-0.23	5.766454339
877	-0.97	-0.77	1.38	0.80	1.40	-0.79	1.56	0.28	1.15	-0.44	0.58	-0.83	0.18	0.00	-0.70	2.16	-0.33	0.00	-0.02	1.71	0.56	2.01	-0.33	1.99	0.46	-0.78	26.1066627
878	-0.67	-0.54	1.38	0.80	1.40	-0.79	1.56	0.31	1.15	-0.99	0.42	-0.83	0.18	0.00	-0.70	2.16	-0.33	0.00	-0.42	1.43	0.52	2.01	-0.33	1.99	0.46	-0.78	25.33875842

916	-0.78	-0.76	0.75	0.80	1.06	-0.52	1.56	-0.06	-0.12	-0.44	0.74	-0.83	-0.30	0.00	0.00	-0.67	0.79	-0.33	0.00	-0.09	1.15	0.39	2.01	-0.33	1.99	0.46	0.34	16.68762512
917	-0.32	-0.11	0.08	2.39	0.36	0.01	1.56	-0.35	-0.11	-0.08	0.37	-0.83	-0.30	0.00	0.00	-0.67	0.79	-0.33	0.00	-0.80	1.71	-0.58	1.26	-0.33	0.95	1.16	-0.33	18.80924678
918	-0.03	0.11	0.08	2.39	0.36	0.01	1.56	-0.31	-0.11	-0.63	0.21	-0.83	-0.30	0.00	0.00	-0.67	0.79	-0.33	0.00	-1.19	1.43	-0.62	1.26	-0.33	0.95	1.16	-0.33	18.0413425
919	-0.16	-0.06	0.25	2.39	0.36	1.60	1.56	-0.51	0.84	-0.44	0.61	-0.83	0.06	0.00	0.00	-0.67	1.78	-0.33	0.00	-0.91	1.43	1.23	1.26	-0.33	0.95	1.16	-0.33	34.25472684
920	-0.13	-0.28	-0.07	2.39	0.36	0.54	1.56	-0.54	-0.07	0.10	0.77	-0.83	-0.28	0.00	0.00	-0.67	0.83	-0.33	0.00	-0.51	1.71	0.09	1.26	-0.33	0.95	1.16	-0.33	21.78440195
921	-0.85	0.46	0.16	0.80	-0.68	0.01	1.56	-0.41	0.22	-0.81	0.30	-0.83	-0.17	0.00	0.00	-0.67	1.14	-0.33	0.00	-0.88	1.71	-0.20	1.01	-0.33	0.95	0.46	0.20	14.44496461
922	-0.56	0.69	0.16	0.80	-0.68	0.01	1.56	-0.38	0.21	-1.35	0.15	-0.83	-0.17	0.00	0.00	-0.67	1.13	-0.33	0.00	-1.27	1.43	-0.24	1.01	-0.33	0.95	0.46	0.20	13.67705996
923	-0.37	0.52	0.33	0.80	-0.68	1.07	1.56	-0.58	0.25	-1.17	0.55	-0.83	-0.16	0.00	0.00	-0.67	1.17	-0.33	0.00	-1.32	0.87	1.06	1.01	-0.33	0.95	0.46	0.20	18.79288753
924	-0.66	0.29	0.01	0.80	-0.68	0.01	1.56	-0.61	-0.65	-0.63	0.71	-0.83	-0.50	0.00	0.00	-0.67	0.22	-0.33	0.00	-0.92	1.15	-0.07	1.01	-0.33	0.95	0.46	0.20	6.322560411
925	-0.72	0.23	0.18	0.00	-0.68	-1.05	1.56	-0.38	0.11	-0.81	1.42	-0.83	2.71	0.00	0.00	-0.67	1.03	3.02	0.00	-0.77	1.71	-0.76	2.26	3.02	1.99	-0.93	0.29	44.18684288
926	-0.43	0.45	0.18	0.00	-0.68	-1.05	1.56	-0.35	0.10	-1.35	1.26	-0.83	2.71	0.00	0.00	-0.67	1.02	3.02	0.00	-1.17	1.43	-0.80	2.26	3.02	1.99	-0.93	0.29	43.41894065
927	-0.23	0.28	0.35	0.00	-0.68	0.01	1.56	-0.55	0.14	-1.17	1.67	-0.83	2.72	0.00	0.00	-0.67	1.06	3.02	0.00	-1.21	0.87	0.51	2.26	3.02	1.99	-0.93	0.29	48.5347658
928	-0.53	0.05	0.03	0.00	-0.68	-1.05	1.56	-0.58	-0.76	-0.63	1.82	-0.83	2.38	0.00	0.00	-0.67	0.11	3.02	0.00	-0.82	1.15	-0.62	2.26	3.02	1.99	-0.93	0.29	36.06444073
929	-0.19	-0.38	0.10	0.00	-0.33	-1.05	1.56	-0.31	-0.28	-0.08	1.48	-0.83	2.56	0.00	0.00	-0.67	0.62	3.02	0.00	-0.69	1.71	-1.20	2.51	3.02	1.99	-0.24	-0.26	35.58337637
930	0.11	-0.15	0.10	0.00	-0.33	-1.05	1.56	-0.28	-0.28	-0.63	1.32	-0.83	2.56	0.00	0.00	-0.67	0.62	3.02	0.00	-1.08	1.43	-1.24	2.51	3.02	1.99	-0.24	-0.26	34.81547209
931	0.30	-0.33	0.27	0.00	-0.33	0.54	1.56	-0.48	0.67	-0.44	1.73	-0.83	2.92	0.00	0.00	-0.67	1.61	3.02	0.00	-0.80	1.43	0.61	2.51	3.02	1.99	-0.24	-0.26	51.02885643
932	0.00	-0.55	-0.04	0.00	-0.33	-0.52	1.56	-0.51	-0.24	0.10	1.89	-0.83	2.58	0.00	0.00	-0.67	0.66	3.02	0.00	-0.40	1.71	-0.53	2.51	3.02	1.99	-0.24	-0.26	38.55852931
933	-1.97	1.27	-0.87	0.00	-1.02	-1.05	1.56	-0.51	-0.77	-1.54	0.10	-0.83	-0.54	0.00	0.00	-0.67	0.10	-0.33	0.00	-1.03	1.71	-0.86	0.50	-0.33	0.95	-0.93	1.23	1.848164242
934	-1.68	1.49	-0.87	0.00	-1.02	-1.05	1.56	-0.48	-0.77	-2.08	-0.05	-0.83	-0.54	0.00	0.00	-0.67	0.10	-0.33	0.00	-1.42	1.43	-0.89	0.50	-0.33	0.95	-0.93	1.23	1.080259961
935	-1.49	1.32	-0.70	0.00	-1.02	0.01	1.56	-0.68	-0.73	-1.90	0.35	-0.83	-0.53	0.00	0.00	-0.67	0.14	-0.33	0.00	-1.47	0.87	0.41	0.50	-0.33	0.95	-0.93	1.23	6.196087159
936	-1.78	1.09	-1.02	0.00	-1.02	-1.05	1.56	-0.71	-1.63	-1.35	0.51	-0.83	-0.87	0.00	0.00	-0.67	-0.82	-0.33	0.00	-1.07	1.15	-0.72	0.50	-0.33	0.95	-0.93	1.23	-6.274237909
937	-1.44	0.66	-0.95	0.00	-0.68	-1.05	1.56	-0.45	-1.15	-0.81	0.17	-0.83	-0.68	0.00	0.00	-0.67	-0.31	-0.33	0.00	-0.94	1.71	-1.30	0.75	-0.33	0.95	-0.24	0.68	-6.755304128
938	-1.15	0.88	-0.95	0.00	-0.68	-1.05	1.56	-0.42	-1.15	-1.35	0.01	-0.83	-0.69	0.00	0.00	-0.67	-0.31	-0.33	0.00	-1.34	1.43	-1.34	0.75	-0.33	0.95	-0.24	0.68	-7.52320636
939	-0.95	0.71	-0.77	0.00	-0.68	0.54	1.56	-0.61	-0.21	-1.17	0.41	-0.83	-0.33	0.00	0.00	-0.67	0.69	-0.33	0.00	-1.05	1.43	0.51	0.75	-0.33	0.95	-0.24	0.68	8.690175738
940	-1.25	0.49	-1.09	0.00	-0.68	-0.52	1.56	-0.64	-1.11	-0.63	0.57	-0.83	-0.67	0.00	0.00	-0.67	-0.27	-0.33	0.00	-0.66	1.71	-0.63	0.75	-0.33	0.95	-0.24	0.68	-3.78014914
941	-1.97	1.23	-0.77	1.59	-1.02	-0.79	1.56	-0.51	-0.68	-1.72	0.10	-0.83	-0.51	0.00	0.00	-0.67	0.19	-0.33	0.00	-1.09	1.71	-0.71	0.50	-0.33	0.95	-0.93	1.14	13.18342441
942	-1.68	1.46	-0.77	1.59	-1.02	-0.79	1.56	-0.48	-0.69	-2.26	-0.05	-0.83	-0.51	0.00	0.00	-0.67	0.18	-0.33	0.00	-1.49	1.43	-0.75	0.50	-0.33	0.95	-0.93	1.14	12.41552218
943	-1.49	1.28	-0.60	1.59	-1.02	0.27	1.56	-0.68	-0.65	-2.08	0.35	-0.83	-0.50	0.00	0.00	-0.67	0.22	-0.33	0.00	-1.53	0.87	0.56	0.50	-0.33	0.95	-0.93	1.14	17.53134938
944	-1.78	1.06	-0.91	1.59	-1.02	-0.79	1.56	-0.71	-1.55	-1.54	0.51	-0.83	-0.84	0.00	0.00	-0.67	-0.73	-0.33	0.00	-1.14	1.15	-0.58	0.50	-0.33	0.95	-0.93	1.14	5.061022451
945	-1.44	0.62	-0.85	1.59	-0.68	-0.79	1.56	-0.45	-1.07	-0.99	0.17	-0.83	-0.65	0.00	0.00	-0.67	-0.22	-0.33	0.00	-1.01	1.71	-1.16	0.75	-0.33	0.95	-0.24	0.59	4.579958091
946	-1.15	0.85	-0.85	1.59	-0.68	-0.79	1.56	-0.42	-1.07	-1.54	0.01	-0.83	-0.65	0.00	0.00	-0.67	-0.22	-0.33	0.00	-1.41	1.43	-1.19	0.75	-0.33	0.95	-0.24	0.59	3.812053809
947	-0.95	0.68	-0.67	1.59	-0.68	0.80	1.56	-0.61	-0.13	-1.35	0.41	-0.83	-0.30	0.00	0.00	-0.67	0.77	-0.33	0.00	-1.12	1.43	0.65	0.75	-0.33	0.95	-0.24	0.59	20.02543815
948	-1.25	0.45	-0.99	1.59	-0.68	-0.26	1.56	-0.64	-1.03	-0.81	0.57	-0.83	-0.64	0.00	0.00	-0.67	-0.18	-0.33	0.00	-0.73	1.71	-0.48	0.75	-0.33	0.95	-0.24	0.59	7.555111029
949	-1.74	0.55	-0.14	1.59	-0.68	-0.26	1.56	-0.36	-0.16	-1.35	-0.02	-0.83	-0.31	0.00	0.00	-0.67	0.74	-0.33	0.00	-0.96	1.71	-0.51	0.50	-0.33	0.95	-0.93	0.58	11.56860995
950	-1.44	0.78	-0.14	1.59	-0.68	-0.26	1.56	-0.33	-0.16	-1.90	-0.18	-0.83	-0.31	0.00	0.00	-0.67	0.74	-0.33	0.00	-1.36	1.43	-0.55	0.50	-0.33	0.95	-0.93	0.58	10.80070567
951	-1.25	0.60	0.03	1.59	-0.68	0.80	1.56	-0.53	-0.12	-1.72	0.22	-0.83	-0.30	0.00	0.00	-0.67	0.78	-0.33	0.00	-1.40	0.87	0.76	0.50	-0.33	0.95	-0.93	0.58	15.91653324
952	-1.54	0.38	-0.29	1.59	-0.68	-0.26	1.56	-0.56	-1.03	-1.17	0.38	-0.83	-0.64	0.00	0.00	-0.67	-0.18	-0.33	0.00	-1.01	1.15	-0.38	0.50	-0.33	0.95	-0.93	0.58	3.446205752
953	-1.20	-0.06	-0.22	1.59	-0.33	-0.26	1.56	-0.29	-0.54	-0.63	0.04	-0.83	-0.46	0.00	0.00	-0.67	0.33	-0.33	0.00	-0.88	1.71	-0.96	0.75	-0.33	0.95	-0.24	0.03	2.96514195
954	-0.91	0.17	-0.22	1.59	-0.33	-0.26	1.56	-0.26	-0.54	-1.17	-0.12	-0.83	-0.46	0.00	0.00	-0.67	0.33	-0.33	0.00	-1.27	1.43	-0.99	0.75	-0.33	0.95	-0.24	0.03	2.197237301
955	-0.72	0.00	-0.05	1.59	-0.33	1.33	1.56	-0.46	0.40	-0.99	0.29	-0.83	-0.10	0.00	0.00	-0.67	1.33	-0.33	0.00	-0.99	1.43	0.85	0.75	-0.33	0.95	-0.24	0.03	18.41062182
956	-1.01	-0.23	-0.37	1.59	-0.33	0.27	1.56	-0.49	-0.51	-0.44	0.44	-0.83	-0.44	0.00	0.00	-0.67	0.37	-0.33	0.00	-0.59	1.71	-0.28	0.75	-0.33	0.95	-0.24	0.03	5.940296381
957	-0.97	-0.66	1.10	0.80	1.40	-0.26	1.56	0.28	0.92	-0.63	0.18	-0.83	0.09	0.00	0.00	-0.67	1.88	-0.33	0.00	-0.07	1.71	0.41	2.01	-0.33	1.99	0.46	-0.51	26.28050252
958	-0.67	-0.43	1.09	0.80	1.40	-0.26	1.56	0.31	0.91	-1.17	0.02	-0.83	0.09	0.00	0.00	-0.67	1.88	-0.33	0.00	-0.47	1.43	0.37	2.01	-0.33	1.99	0.46	-0.51	25.51260046
959	-0.48	-0.60	1.27	0.80	1.40	0.80	1.56	0.12	0.95	-0.99	0.42	-0.83	0.10	0.00	0.00	-0.67	1.92	-0.33	0.00	-0.51	0.87	1.67	2.01	-0.33	1.99	0.46	-0.51	30.62842544
960	-0.78	-0.83	0.95	0.80	1.40	-0.26	1.56	0.08	0.05	-0.44	0.58	-0.83	-0.24	0.00	0.00	-0.67	0.96	-0.33	0.00	-1.12	1.15	0.54	2.01	-0.33	1.99	0.46	-0.51	18.15810054
961	-0.32	-0.18	0.28	2.39	0.71	0.27	1.56	-0.20	0.06	-0.08	0.20	-0.8																

1000	-0.47	-0.42	0.00	0.00	-1.02	-0.79	1.56	-0.70	-0.79	-0.26	0.86	-0.83	-0.55	0.00	0.08	-0.83	-0.33	0.00	-0.60	1.15	-0.85	0.75	-0.33	0.95	-0.23	0.46	11.62006064	
1001	-0.13	-0.86	0.07	0.00	-0.68	-0.79	1.56	-0.44	-0.30	0.28	0.52	-0.83	-0.37	0.00	0.08	-0.31	-0.33	0.00	-0.47	1.71	-1.43	1.01	-0.33	0.95	0.46	-0.23	-12.10112705	
1002	0.17	-0.63	0.07	0.00	-0.68	-0.79	1.56	-0.41	-0.30	-0.26	0.36	-0.83	-0.37	0.00	0.08	-0.32	-0.33	0.00	-0.86	1.43	-1.47	1.01	-0.33	0.95	0.46	-0.23	-12.86902928	
1003	0.36	-0.80	0.24	0.00	-0.68	0.80	1.56	-0.61	0.64	-0.08	0.77	-0.83	-0.01	0.00	0.08	0.68	-0.33	0.00	-0.58	1.43	0.37	1.01	-0.33	0.95	0.46	-0.23	3.344353002	
1004	0.06	-1.03	-0.08	0.00	-0.68	-0.26	1.56	-0.64	-0.26	0.46	0.92	-0.83	-0.35	0.00	0.08	-0.28	-0.33	0.00	-0.18	1.71	-0.76	1.01	-0.33	0.95	0.46	-0.23	-9.125972065	
1005	0.10	-1.46	1.39	-0.79	1.06	-0.79	1.56	0.14	1.16	0.28	0.66	-0.83	0.18	0.00	0.08	1.23	-0.33	0.00	0.34	1.71	-0.07	2.26	-0.33	1.99	1.16	-0.78	11.21423612	
1006	0.40	-1.23	1.39	-0.79	1.06	-0.79	1.56	0.17	1.16	-0.26	0.50	-0.83	0.18	0.00	0.08	1.23	-0.33	0.00	-0.06	1.43	-0.11	2.26	-0.33	1.99	1.16	-0.78	10.44633165	
1007	0.59	-1.40	1.56	-0.79	1.06	0.27	1.56	-0.03	1.19	-0.08	0.90	-0.83	0.20	0.00	0.08	1.27	-0.33	0.00	-0.10	0.87	1.20	2.26	-0.33	1.99	1.16	-0.78	15.56215904	
1008	0.30	-1.63	1.24	-0.79	1.06	-0.79	1.56	-0.06	0.29	0.46	1.06	-0.83	-0.14	0.00	0.08	0.31	-0.33	0.00	0.29	1.15	0.06	2.26	-0.33	1.99	1.16	-0.78	3.09183173	
1009	0.75	-0.98	0.57	0.80	0.36	-0.26	1.56	-0.35	0.30	0.83	0.68	-0.83	-0.14	0.00	0.08	0.31	-0.33	0.00	-0.41	1.71	-0.91	1.51	-0.33	0.95	1.85	-0.76	5.213453026	
1010	1.05	-0.76	0.57	0.80	0.36	-0.26	1.56	-0.31	0.30	0.28	0.53	-0.83	-0.14	0.00	0.08	0.31	-0.33	0.00	-0.80	1.43	-0.95	1.51	-0.33	0.95	1.85	-0.76	4.445549109	
1011	1.24	-0.93	0.74	0.80	0.36	1.33	1.56	-0.51	1.24	0.46	0.93	-0.83	0.21	0.00	0.08	1.31	-0.33	0.00	-0.52	1.43	0.89	1.51	-0.33	0.95	1.85	-0.76	20.65893325	
1012	0.94	-1.16	0.42	0.80	0.36	0.27	1.56	-0.54	0.34	1.01	1.09	-0.83	-0.13	0.00	0.08	0.35	-0.33	0.00	-0.12	1.71	-0.24	1.51	-0.33	0.95	1.85	-0.76	8.188606137	
1013	0.22	-0.41	0.65	-0.79	-0.68	-0.26	1.56	-0.41	0.62	0.10	0.62	-0.83	-0.02	0.00	0.08	0.66	-0.33	0.00	-0.49	1.71	-0.54	1.26	-0.33	0.95	1.16	-0.24	0.849168995	
1014	0.52	-0.18	0.65	-0.79	-0.68	-0.26	1.56	-0.38	0.62	-0.44	0.46	-0.83	-0.02	0.00	0.08	0.66	-0.33	0.00	-0.89	1.43	-0.57	1.26	-0.33	0.95	1.16	-0.24	0.081266395	
1015	0.71	-0.35	0.82	-0.79	-0.68	0.80	1.56	-0.58	0.66	-0.26	0.87	-0.83	-0.01	0.00	0.08	0.70	-0.33	0.00	-0.93	0.87	0.73	1.26	-0.33	0.95	1.16	-0.24	5.19709191	
1016	0.41	-0.58	0.50	-0.79	-0.68	-0.26	1.56	-0.61	-0.25	0.28	1.03	-0.83	-0.35	0.00	0.08	-0.26	-0.33	0.00	-0.54	1.15	-0.40	1.26	-0.33	0.95	1.16	-0.24	-7.273232984	
1017	-1.02	0.35	-0.15	-1.59	-0.68	-1.32	1.56	0.27	-0.16	-0.63	2.43	-0.83	2.61	0.00	0.00	-1.24	1.44	3.02	0.00	-0.74	1.71	3.02	1.47	-0.93	0.59	35.35356398		
1018	-0.72	0.58	-0.15	-1.59	-0.68	-1.32	1.56	0.31	-0.16	-1.17	2.27	-0.83	2.61	0.00	0.00	-1.24	1.43	3.02	0.00	-1.14	1.43	-0.83	1.76	3.02	1.47	-0.93	0.59	34.58565969
1019	-0.53	0.41	0.02	-1.59	-0.68	-0.26	1.56	0.11	-0.12	-0.99	2.68	-0.83	2.62	0.00	0.00	-1.24	1.47	3.02	0.00	-1.18	0.87	0.48	1.76	3.02	1.47	-0.93	0.59	39.70148689
1020	-0.83	0.18	-0.30	-1.59	-0.68	-1.32	1.56	0.08	-1.03	-0.44	2.84	-0.83	2.28	0.00	0.00	-1.24	0.52	3.02	0.00	-0.79	1.15	-0.66	1.76	3.02	1.47	-0.93	0.59	27.231162
1021	-0.49	-0.25	-0.23	-1.59	-0.33	-1.32	1.56	0.34	-0.54	0.10	2.49	-0.83	2.46	0.00	0.00	-1.24	1.03	3.02	0.00	-0.66	1.71	-1.24	2.01	3.02	1.47	-0.24	0.04	26.75009578
1022	-0.19	-0.03	-0.23	-1.59	-0.33	-1.32	1.56	0.37	-0.55	-0.44	2.34	-0.83	2.46	0.00	0.00	-1.24	1.03	3.02	0.00	-1.05	1.43	-1.28	2.01	3.02	1.47	-0.24	0.04	25.98219337
1023	0.00	-0.20	-0.06	-1.59	-0.33	0.27	1.56	0.17	0.40	-0.26	2.74	-0.83	2.82	0.00	0.00	-1.24	2.02	3.02	0.00	-0.77	1.43	0.57	2.01	3.02	1.47	-0.24	0.04	42.19557601
1024	-0.29	-0.43	-0.38	-1.59	-0.33	-0.79	1.56	0.14	-0.51	0.28	2.90	-0.83	2.48	0.00	0.00	-1.24	1.07	3.02	0.00	-0.37	1.71	-0.56	2.01	3.02	1.47	-0.24	0.04	29.72525058
1025	-2.27	1.39	-1.20	-1.59	-1.02	-1.85	1.56	0.14	-1.03	-1.35	1.12	-0.83	-0.64	0.00	0.00	-1.24	0.51	-0.33	0.00	-1.00	1.71	-0.89	0.00	-0.33	0.43	-0.93	1.54	-8.033785044
1026	-1.97	1.62	-1.20	-1.59	-1.02	-1.85	1.56	0.17	-1.04	-1.90	0.96	-0.83	-0.64	0.00	0.00	-1.24	0.51	-0.33	0.00	-1.39	1.43	-0.93	0.00	-0.33	0.43	-0.93	1.54	-8.801689326
1027	-1.78	1.45	-1.03	-1.59	-1.02	-0.79	1.56	-0.03	-1.00	-1.72	1.36	-0.83	-0.63	0.00	0.00	-1.24	0.55	-0.33	0.00	-1.44	0.87	0.38	0.00	-0.33	0.43	-0.93	1.54	-3.685862128
1028	-2.08	1.22	-1.35	-1.59	-1.02	-1.85	1.56	-0.06	-1.90	-1.17	1.52	-0.83	-0.97	0.00	0.00	-1.24	-0.41	-0.33	0.00	-1.04	1.15	-0.76	0.00	-0.33	0.43	-0.93	1.54	-16.15618925
1029	-1.74	0.79	-1.28	-1.59	-0.68	-1.85	1.56	0.21	-1.42	-0.63	1.18	-0.83	-0.79	0.00	0.00	-1.24	0.11	-0.33	0.00	-0.91	1.71	-1.34	0.25	-0.33	0.43	-0.24	0.99	-16.63725324
1030	-1.44	1.01	-1.28	-1.59	-0.68	-1.85	1.56	0.24	-1.42	-1.17	1.02	-0.83	-0.79	0.00	0.00	-1.24	0.10	-0.33	0.00	-1.31	1.43	-1.37	0.25	-0.33	0.43	-0.24	0.99	-17.40515584
1031	-1.25	0.84	-1.11	-1.59	-0.68	-0.26	1.56	0.04	-0.48	-0.99	1.43	-0.83	-0.43	0.00	0.00	-1.24	1.10	-0.33	0.00	-1.02	1.43	0.47	0.25	-0.33	0.43	-0.24	0.99	-11.91773182
1032	-1.55	0.61	-1.43	-1.59	-0.68	-1.32	1.56	0.01	-1.38	-0.44	1.58	-0.83	-0.77	0.00	0.00	-1.24	0.14	-0.33	0.00	-0.63	1.71	-0.66	0.25	-0.33	0.43	-0.24	0.99	-13.66209862
1033	-2.27	1.36	-1.10	0.00	-1.02	-1.58	1.56	0.14	-0.95	-1.54	1.12	-0.83	-0.61	0.00	0.00	-1.24	0.60	-0.33	0.00	-1.07	1.71	-0.74	0.00	-0.33	0.43	-0.93	1.45	3.301475124
1034	-1.97	1.58	-1.10	0.00	-1.02	-1.58	1.56	0.17	-0.95	-2.08	0.96	-0.83	-0.61	0.00	0.00	-1.24	0.60	-0.33	0.00	-1.46	1.43	-0.78	0.00	-0.33	0.43	-0.93	1.45	2.533572893
1035	-1.78	1.41	-0.93	0.00	-1.02	-0.52	1.56	-0.03	-0.91	-1.90	1.36	-0.83	-0.60	0.00	0.00	-1.24	0.63	-0.33	0.00	-1.51	0.87	0.53	0.00	-0.33	0.43	-0.93	1.45	7.64939804
1036	-2.08	1.18	-1.25	0.00	-1.02	-1.58	1.56	-0.06	-1.82	-1.35	1.52	-0.83	-0.94	0.00	0.00	-1.24	-0.32	-0.33	0.00	-1.11	1.15	-0.61	0.00	-0.33	0.43	-0.93	1.45	-4.820927027
1037	-1.74	0.75	-1.18	0.00	-0.68	-1.58	1.56	0.21	-1.34	-0.81	1.18	-0.83	-0.75	0.00	0.00	-1.24	0.19	-0.33	0.00	-0.98	1.71	-1.19	0.25	-0.33	0.43	-0.24	0.90	-5.301991019
1038	-1.44	0.97	-1.18	0.00	-0.68	-1.58	1.56	0.24	-1.34	-1.35	1.02	-0.83	-0.76	0.00	0.00	-1.24	0.19	-0.33	0.00	-1.38	1.43	-1.23	0.25	-0.33	0.43	-0.24	0.90	-6.069895668
1039	-1.25	0.80	-1.01	0.00	-0.68	0.01	1.56	0.04	-0.39	-1.17	1.43	-0.83	-0.40	0.00	0.00	-1.24	1.19	-0.33	0.00	-1.09	1.43	0.62	0.25	-0.33	0.43	-0.24	0.90	10.14348904
1040	-1.55	0.58	-1.33	0.00	-0.68	-1.05	1.56	0.01	-1.30	-0.63	1.58	-0.83	-0.74	0.00	0.00	-1.24	0.23	-0.33	0.00	-0.70	1.71	-0.51	0.25	-0.33	0.43	-0.24	0.90	-2.326838449
1041	-2.03	0.68	-0.48	0.00	-0.68	-1.05	1.56	0.29	-0.43	-1.17	0.99	-0.83	-0.41	0.00	0.00	-1.24	1.15	-0.33	0.00	-0.93	1.71	-0.54	0.00	-0.33	0.43	-0.93	0.89	1.686658985
1042	-1.74	0.90	-0.48	0.00	-0.68	-1.05	1.56	0.33	-0.43	-1.72	0.83	-0.83	-0.41	0.00	0.00	-1.24	1.15	-0.33	0.00	-1.33	1.43	-0.58	0.00	-0.33	0.43	-0.93	0.89	0.918756384
1043	-1.54	0.73	-0.30	0.00	-0.68	0.01	1.56	0.13	-0.39	-1.54	1.24	-0.83	-0.40	0.00	0.00	-1.24	1.19	-0.33	0.00	-1.37	0.87	0.72	0.00	-0.33	0.43	-0.93	0.89	6.034581901
1044	-1.84	0.51	-0.62	0.00	-0.68	-1.05	1.56	0.10	-1.30	-0.99	1.39	-0.83	-0.74	0.00	0.00	-1.24	0.23	-0.33	0.00	-0.98	1.15	-0.41	0.00	-0.33	0.43	-0.93	0.89	-6.435743535
1045	-1.50	0.07	-0.56	0.00	-0.33	-1.05	1.56	0.36	-0.81	-0.44	1.05	-0.83	-0.56	0.00	0.00	-1.24	0.75	-0.33	0.00	-0.85	1.71	-0.99	0.25	-0.33	0.43			

1084	-1.31	0.08	-1.19	0.00	-0.68	-0.79	1.56	0.02	-1.17	-0.44	1.21	-0.83	-0.69	0.00	0.00	-1.21	0.33	-0.33	0.00	-0.59	1.71	-0.61	0.25	-0.33	0.43	-0.25	0.77	6.295953474
1085	-1.27	-0.35	0.28	-0.79	1.06	-1.32	1.56	0.79	0.25	-0.63	0.95	-0.83	-0.16	0.00	0.00	-1.21	1.84	-0.33	0.00	-0.07	1.71	0.07	1.51	-0.33	1.47	0.46	0.23	14.04425247
1086	-0.97	-0.12	0.28	-0.79	1.06	-1.32	1.56	0.82	0.25	-1.17	0.79	-0.83	-0.16	0.00	0.00	-1.21	1.84	-0.33	0.00	-0.46	1.43	0.04	1.51	-0.33	1.47	0.46	0.23	13.27634988
1087	-0.78	-0.29	0.45	-0.79	1.06	-0.26	1.56	0.62	0.29	-0.99	1.19	-0.83	-0.14	0.00	0.00	-1.21	1.88	-0.33	0.00	-0.51	0.87	1.34	1.51	-0.33	1.47	0.46	0.23	18.39217539
1088	-1.07	-0.52	0.13	-0.79	1.06	-1.32	1.56	0.59	-0.62	-0.44	1.35	-0.83	-0.48	0.00	0.00	-1.21	0.92	-0.33	0.00	-0.11	1.15	0.21	1.51	-0.33	1.47	0.46	0.23	5.921850514
1089	-0.62	0.13	-0.54	0.80	0.36	-0.79	1.56	0.31	-0.60	-0.08	0.97	-0.83	-0.48	0.00	0.00	-1.21	0.92	-0.33	0.00	-0.82	1.71	-0.77	0.75	-0.33	0.43	1.16	0.24	8.043469567
1090	-0.32	0.35	-0.54	0.80	0.36	-0.79	1.56	0.34	-0.61	-0.63	0.81	-0.83	-0.48	0.00	0.00	-1.21	0.92	-0.33	0.00	-1.21	1.43	-0.81	0.75	-0.33	0.43	1.16	0.24	7.275567336
1091	-0.13	0.18	-0.37	0.80	0.36	0.80	1.56	0.14	0.34	-0.44	1.22	-0.83	-0.13	0.00	0.00	-1.21	1.92	-0.33	0.00	-0.93	1.43	1.04	0.75	-0.33	0.43	1.16	0.24	23.48895167
1092	-0.43	-0.05	-0.69	0.80	0.36	-0.26	1.56	0.11	-0.57	0.10	1.38	-0.83	-0.47	0.00	0.00	-1.21	0.96	-0.33	0.00	-0.53	1.71	-0.09	0.75	-0.33	0.43	1.16	0.24	11.01862473
1093	-1.15	0.70	-0.46	-0.79	-0.68	-0.79	1.56	0.24	-0.28	-0.81	0.91	-0.83	-0.36	0.00	0.00	-1.21	1.27	-0.33	0.00	-0.90	1.71	-0.39	0.50	-0.33	0.43	0.46	0.77	3.679187395
1094	-0.85	0.93	-0.46	-0.79	-0.68	-0.79	1.56	0.27	-0.29	-1.35	0.75	-0.83	-0.36	0.00	0.00	-1.21	1.27	-0.33	0.00	-1.29	1.43	-0.43	0.50	-0.33	0.43	0.46	0.77	2.911285164
1095	-0.66	0.76	-0.29	-0.79	-0.68	0.27	1.56	0.08	-0.25	-1.17	1.16	-0.83	-0.35	0.00	0.00	-1.21	1.31	-0.33	0.00	-1.34	0.87	0.88	0.50	-0.33	0.43	0.46	0.77	8.027110311
1096	-0.96	0.53	-0.61	-0.79	-0.68	-0.79	1.56	0.05	-1.15	-0.63	1.32	-0.83	-0.69	0.00	0.00	-1.21	0.35	-0.33	0.00	-0.94	1.15	-0.26	0.50	-0.33	0.43	0.46	0.77	-4.443214567
1097	-1.02	0.46	-0.44	-1.59	-0.68	-1.85	1.56	0.27	-0.39	-0.81	2.03	-0.83	2.52	0.00	0.00	-1.21	1.16	3.02	0.00	-0.79	1.71	-0.94	1.76	3.02	1.47	-0.93	0.86	33.42106772
1098	-0.72	0.69	-0.44	-1.59	-0.68	-1.85	1.56	0.31	-0.39	-1.35	1.87	-0.83	2.52	0.00	0.00	-1.21	1.16	3.02	0.00	-1.19	1.43	-0.98	1.76	3.02	1.47	-0.93	0.86	32.65316344
1099	-0.53	0.52	-0.27	-1.59	-0.68	-0.79	1.56	0.11	-0.35	-1.17	2.27	-0.83	2.53	0.00	0.00	-1.21	1.20	3.02	0.00	-1.23	0.87	0.33	1.76	3.02	1.47	-0.93	0.86	37.76899063
1100	-0.83	0.29	-0.59	-1.59	-0.68	-1.85	1.56	0.08	-1.26	-0.63	2.43	-0.83	2.19	0.00	0.00	-1.21	0.24	3.02	0.00	-0.84	1.15	-0.81	1.76	3.02	1.47	-0.93	0.86	25.29866352
1101	-0.49	-0.14	-0.52	-1.59	-0.33	-1.85	1.56	0.34	-0.77	-0.08	2.09	-0.83	2.38	0.00	0.00	-1.21	0.75	3.02	0.00	-0.71	1.71	-1.39	2.01	3.02	1.47	-0.24	0.30	24.81759953
1102	-0.19	0.08	-0.52	-1.59	-0.33	-1.85	1.56	0.37	-0.78	-0.63	1.93	-0.83	2.38	0.00	0.00	-1.21	0.75	3.02	0.00	-1.10	1.43	-1.43	2.01	3.02	1.47	-0.24	0.30	24.04969488
1103	0.00	-0.09	-0.35	-1.59	-0.33	-0.26	1.56	0.17	0.17	-0.44	2.34	-0.83	2.73	0.00	0.00	-1.21	1.75	3.02	0.00	-0.82	1.43	0.42	2.01	3.02	1.47	-0.24	0.30	40.26307958
1104	-0.29	-0.32	-0.67	-1.59	-0.33	-1.32	1.56	0.14	-0.74	0.10	2.49	-0.83	2.39	0.00	0.00	-1.21	0.79	3.02	0.00	-0.42	1.71	-0.71	2.01	3.02	1.47	-0.24	0.30	27.79275415
1105	-2.27	1.50	-1.49	-1.59	-1.02	-1.85	1.56	0.14	-1.27	-1.54	0.71	-0.83	-0.73	0.00	0.00	-1.21	0.23	-0.33	0.00	-1.05	1.71	-1.04	0.00	-0.33	0.43	-0.93	1.80	-8.917612976
1106	-1.97	1.73	-1.49	-1.59	-1.02	-1.85	1.56	0.17	-1.27	-2.08	0.55	-0.83	-0.73	0.00	0.00	-1.21	0.23	-0.33	0.00	-1.44	1.43	-1.08	0.00	-0.33	0.43	-0.93	1.80	-9.685515207
1107	-1.78	1.56	-1.32	-1.59	-1.02	-0.79	1.56	-0.03	-1.23	-1.90	0.96	-0.83	-0.71	0.00	0.00	-1.21	0.27	-0.33	0.00	-1.49	0.87	0.23	0.00	-0.33	0.43	-0.93	1.80	-4.569688009
1108	-2.08	1.33	-1.64	-1.59	-1.02	-1.85	1.56	-0.06	-2.13	-1.35	1.12	-0.83	-1.05	0.00	0.00	-1.21	-0.69	-0.33	0.00	-1.09	1.15	-0.91	0.00	-0.33	0.43	-0.93	1.80	-17.04001513
1109	-1.74	0.90	-1.57	-1.59	-0.68	-1.85	1.56	0.21	-1.65	-0.81	0.77	-0.83	-0.87	0.00	0.00	-1.21	-0.17	-0.33	0.00	-0.96	1.71	-1.49	0.25	-0.33	0.43	-0.24	1.25	-17.52107893
1110	-1.44	1.12	-1.57	-1.59	-0.68	-1.85	1.56	0.24	-1.65	-1.35	0.62	-0.83	-0.87	0.00	0.00	-1.21	-0.18	-0.33	0.00	-1.36	1.43	-1.53	0.25	-0.33	0.43	-0.24	1.25	-18.28898358
1111	-1.25	0.95	-1.40	-1.59	-0.68	-0.26	1.56	0.04	-0.71	-1.17	1.02	-0.83	-0.52	0.00	0.00	-1.21	0.82	-0.33	0.00	-1.07	1.43	0.32	0.25	-0.33	0.43	-0.24	1.25	-2.075598872
1112	-1.55	0.72	-1.72	-1.59	-0.68	-1.32	1.56	0.01	-1.61	-0.63	1.18	-0.83	-0.86	0.00	0.00	-1.21	-0.14	-0.33	0.00	-0.68	1.71	-0.81	0.25	-0.33	0.43	-0.24	1.25	-14.54592636
1113	-2.27	1.47	-1.39	0.00	-1.02	-1.58	1.56	0.14	-1.18	-1.72	0.71	-0.83	-0.70	0.00	0.00	-1.21	0.32	-0.33	0.00	-1.12	1.71	-0.89	0.00	-0.33	0.43	-0.93	1.71	2.417649243
1114	-1.97	1.69	-1.39	0.00	-1.02	-1.58	1.56	0.17	-1.19	-2.26	0.55	-0.83	-0.70	0.00	0.00	-1.21	0.32	-0.33	0.00	-1.51	1.43	-0.93	0.00	-0.33	0.43	-0.93	1.71	1.649744962
1115	-1.78	1.52	-1.22	0.00	-1.02	-0.52	1.56	-0.03	-1.15	-2.08	0.96	-0.83	-0.68	0.00	0.00	-1.21	0.36	-0.33	0.00	-1.55	0.87	0.37	0.00	-0.33	0.43	-0.93	1.71	6.76557235
1116	-2.08	1.29	-1.54	0.00	-1.02	-1.58	1.56	-0.06	-2.05	-1.54	1.12	-0.83	-1.02	0.00	0.00	-1.21	-0.60	-0.33	0.00	-1.16	1.15	-0.76	0.00	-0.33	0.43	-0.93	1.71	-5.704752717
1117	-1.74	0.86	-1.47	0.00	-0.68	-1.58	1.56	0.21	-1.57	-0.99	0.77	-0.83	-0.84	0.00	0.00	-1.21	-0.09	-0.33	0.00	-1.03	1.71	-1.34	0.25	-0.33	0.43	-0.24	1.16	-6.185818759
1118	-1.44	1.08	-1.47	0.00	-0.68	-1.58	1.56	0.24	-1.57	-1.54	0.62	-0.83	-0.84	0.00	0.00	-1.21	-0.09	-0.33	0.00	-1.43	1.43	-1.38	0.25	-0.33	0.43	-0.24	1.16	-6.953721359
1119	-1.25	0.91	-1.30	0.00	-0.68	0.01	1.56	0.04	-0.62	-1.35	1.02	-0.83	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	-1.14	1.43	0.47	0.25	-0.33	0.43	-0.24	1.16	9.259661297
1120	-1.55	0.69	-1.62	0.00	-0.68	-1.05	1.56	0.01	-1.53	-0.81	1.18	-0.83	-0.83	0.00	0.00	-1.21	-0.05	-0.33	0.00	-0.75	1.71	-0.67	0.25	-0.33	0.43	-0.24	1.16	-3.210664138
1121	-2.03	0.79	-0.77	0.00	-0.68	-1.05	1.56	0.29	-0.66	-1.35	0.58	-0.83	-0.50	0.00	0.00	-1.21	0.87	-0.33	0.00	-0.98	1.71	-0.70	0.00	-0.33	0.43	-0.93	1.15	0.802833103
1122	-1.74	1.01	-0.77	0.00	-0.68	-1.05	1.56	0.33	-0.66	-1.90	0.43	-0.83	-0.50	0.00	0.00	-1.21	0.87	-0.33	0.00	-1.38	1.43	-0.73	0.00	-0.33	0.43	-0.93	1.15	0.034928454
1123	-1.54	0.84	-0.59	0.00	-0.68	0.01	1.56	0.13	-0.62	-1.72	0.83	-0.83	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	-1.42	0.87	0.57	0.00	-0.33	0.43	-0.93	1.15	5.15075602
1124	-1.84	0.62	-0.91	0.00	-0.68	-1.05	1.56	0.10	-1.53	-1.17	0.99	-0.83	-0.83	0.00	0.00	-1.21	-0.05	-0.33	0.00	-1.03	1.15	-0.56	0.00	-0.33	0.43	-0.93	1.15	-7.319569415
1125	-1.50	0.18	-0.84	0.00	-0.33	-1.05	1.56	0.36	-1.04	-0.63	0.65	-0.83	-0.64	0.00	0.00	-1.21	0.47	-0.33	0.00	-0.90	1.71	-1.14	0.25	-0.33	0.43	-0.24	0.60	-7.800635267
1126	-1.21	0.41	-0.85	0.00	-0.33	-1.05	1.56	0.39	-1.04	-1.17	0.49	-0.83	-0.65	0.00	0.00	-1.21	0.47	-0.33	0.00	-1.29	1.43	-1.18	0.25	-0.33	0.43	-0.24	0.60	-8.568537866
1127	-1.01	0.23	-0.67	0.00	-0.33	0.54	1.56	0.19	-0.10	-0.99	0.89	-0.83	-0.29	0.00	0.00	-1.21	1.46	-0.33	0.00	-1.01	1.43	0.67	0.25	-0.33	0.43	-0.24	0.60	7.644844599
1128	-1.31	0.01	-0.99	0.00	-0.33	-0.52	1.56	0.16	-1.00	-0.44	1.05	-0.83	-0.63	0.00	0.00	-1.21	0.51	-0.33	0.00	-0.62	1.71	-0.47	0.25	-0.33	0.43	-0.24	0.60	-4.825480469
1129	-1.27	-0.42	0.47	-0.79	1.40	-1.05																						

1168	-1.84	-0.42	0.51	0.80	-0.33	-1.05	1.56	-1.27	-0.05	-1.35	-0.51	0.43	-0.27	0.00	0.09	-0.05	-0.33	0.00	-1.27	1.15	-0.23	0.25	-0.33	0.95	-1.63	-0.93	-1.06	-17.73944882
1169	-1.50	-0.85	0.58	0.80	0.02	-1.05	1.56	-1.01	0.44	-0.81	-0.85	0.43	-0.09	0.00	0.09	0.46	-0.33	0.00	-1.14	1.71	-0.81	0.50	-0.33	0.95	-0.93	-1.06	-18.22051336	
1170	-1.21	-0.63	0.58	0.80	0.02	-1.05	1.56	-0.97	0.44	-1.35	-1.01	0.43	-0.09	0.00	0.09	0.46	-0.33	0.00	-1.54	1.43	-0.85	0.50	-0.33	0.95	-0.93	-1.06	-18.98841747	
1171	-1.01	-0.80	0.75	0.80	0.02	0.54	1.56	-1.17	1.38	-1.17	-0.60	0.43	0.27	0.00	0.00	0.09	1.45	-0.33	0.00	-1.25	1.43	1.00	0.50	-0.33	0.95	-0.93	-1.06	-2.775033128
1172	-1.31	-1.02	0.43	0.80	0.02	-0.52	1.56	-1.20	0.48	-0.63	-0.45	0.43	-0.07	0.00	0.09	0.50	-0.33	0.00	-0.86	1.71	-0.14	0.50	-0.33	0.95	-0.93	-1.06	-15.24536025	
1173	-1.27	-1.45	1.90	0.00	1.75	-1.05	1.56	-0.43	1.90	-0.81	-0.71	0.43	0.46	0.00	0.00	0.09	2.01	-0.33	0.00	-0.34	1.71	0.55	1.76	-0.33	1.99	-0.24	-1.61	5.094847753
1174	-0.97	-1.23	1.89	0.00	1.75	-1.05	1.56	-0.40	1.90	-1.35	-0.87	0.43	0.46	0.00	0.00	0.09	2.00	-0.33	0.00	-0.73	1.43	0.51	1.76	-0.33	1.99	-0.24	-1.61	4.326943294
1175	-1.40	-0.78	2.07	0.00	1.75	0.01	1.56	-0.60	1.94	-1.17	-0.47	0.43	0.47	0.00	0.00	0.09	2.04	-0.33	0.00	-0.78	0.87	1.82	1.76	-0.33	1.99	-0.24	-1.61	9.44277086
1176	-1.07	-1.62	1.75	0.00	1.75	-1.05	1.56	-0.63	1.03	-0.63	-0.31	0.43	0.13	0.00	0.00	0.09	1.08	-0.33	0.00	-0.38	1.15	0.69	1.76	-0.33	1.99	-0.24	-1.61	-3.027554575
1177	-0.62	-0.98	1.07	1.59	1.06	-0.52	1.56	-0.91	1.04	-0.26	-0.69	0.43	0.14	0.00	0.00	0.09	1.09	-0.33	0.00	-1.08	1.71	-0.29	1.01	-0.33	0.95	0.46	-1.59	-0.905935155
1178	-0.32	-0.75	1.07	1.59	1.06	-0.52	1.56	-0.88	1.04	-0.81	-0.84	0.43	0.13	0.00	0.00	0.09	1.09	-0.33	0.00	-1.48	1.43	-0.33	1.01	-0.33	0.95	0.46	-1.59	-1.673837387
1179	-0.13	-0.93	1.25	1.59	1.06	1.07	1.56	-1.08	1.98	-0.63	-0.44	0.43	0.49	0.00	0.00	0.09	2.08	-0.33	0.00	-1.19	1.43	1.52	1.01	-0.33	0.95	0.46	-1.59	14.5395449
1180	-0.43	-1.15	0.93	1.59	1.06	0.01	1.56	-1.11	1.08	-0.08	-0.28	0.43	0.15	0.00	0.00	0.09	1.13	-0.33	0.00	-0.80	1.71	0.38	1.01	-0.33	0.95	0.46	-1.59	2.069220007
1181	-1.15	-0.40	1.15	0.00	0.02	-0.52	1.56	-0.98	1.36	-0.99	-0.75	0.43	0.26	0.00	0.00	0.09	1.44	-0.33	0.00	-1.17	1.71	0.09	0.75	-0.33	0.95	-0.24	-1.07	-5.270217327
1182	-0.85	-0.18	1.15	0.00	0.02	-0.52	1.56	-0.95	1.36	-1.54	-0.91	0.43	0.26	0.00	0.00	0.09	1.43	-0.33	0.00	-1.56	1.43	0.05	0.75	-0.33	0.95	-0.24	-1.07	-6.038121786
1183	-0.66	-0.35	1.33	0.00	0.02	0.54	1.56	-1.14	1.40	-1.35	-0.50	0.43	0.27	0.00	0.00	0.09	1.47	-0.33	0.00	-1.61	0.87	1.36	0.75	-0.33	0.95	-0.24	-1.07	-0.922294221
1184	-0.96	-0.58	1.01	0.00	0.02	-0.52	1.56	-1.17	0.49	-0.81	-0.34	0.43	-0.07	0.00	0.00	0.09	0.52	-0.33	0.00	-1.21	1.15	0.22	0.75	-0.33	0.95	-0.24	-1.07	-13.39261929
1185	-2.27	0.65	-0.55	-0.79	-1.02	-2.11	1.56	-1.37	-0.18	-1.90	-1.03	0.43	-0.32	0.00	0.00	0.11	-0.23	-0.33	0.00	-1.32	1.71	-1.01	0.25	-0.33	0.95	-1.63	0.58	-21.69309273
1186	-1.97	0.88	-0.55	-0.79	-1.02	-2.11	1.56	-1.34	-0.18	-2.44	-1.19	0.43	-0.32	0.00	0.00	0.11	-0.23	-0.33	0.00	-1.71	1.43	-1.05	0.25	-0.33	0.95	-1.63	0.58	-22.46099514
1187	-1.78	0.71	-0.38	-0.79	-1.02	-1.05	1.56	-1.54	-0.14	-2.26	-0.78	0.43	-0.31	0.00	0.00	0.11	-0.19	-0.33	0.00	-1.76	0.87	0.26	0.25	-0.33	0.95	-1.63	0.58	-17.34516963
1188	-2.08	0.48	-0.70	-0.79	-1.02	-2.11	1.56	-1.57	-1.05	-1.72	-0.62	0.43	-0.65	0.00	0.00	0.11	-1.15	-0.33	0.00	-1.36	1.15	-0.87	0.25	-0.33	0.95	-1.63	0.58	-29.81549506
1189	-1.74	0.05	-0.63	-0.79	-0.68	-2.11	1.56	-1.30	-0.56	-1.17	-0.97	0.43	-0.46	0.00	0.00	0.11	-0.63	-0.33	0.00	-1.23	1.71	-1.45	0.50	-0.33	0.95	-0.93	0.03	-30.2965611
1190	-1.44	0.27	-0.63	-0.79	-0.68	-2.11	1.56	-1.27	-0.57	-1.72	-1.12	0.43	-0.46	0.00	0.00	0.11	-0.64	-0.33	0.00	-1.63	1.43	-1.49	0.50	-0.33	0.95	-0.93	0.03	-31.0644637
1191	-1.25	0.10	-0.46	-0.79	-0.68	-0.52	1.56	-1.47	0.38	-1.54	-0.72	0.43	-0.11	0.00	0.00	0.11	0.36	-0.33	0.00	-1.34	1.43	0.35	0.50	-0.33	0.95	-0.93	0.03	-14.851079
1192	-1.55	-0.13	-0.78	-0.79	-0.68	-1.58	1.56	-1.50	-0.53	-0.99	-0.56	0.43	-0.45	0.00	0.00	0.11	-0.60	-0.33	0.00	-0.95	1.71	-0.78	0.50	-0.33	0.95	-0.93	0.03	-27.32140648
1193	-2.27	0.62	-0.45	0.80	-1.02	-1.32	1.56	-1.37	-0.10	-2.08	-1.03	0.43	-0.29	0.00	0.00	0.11	-0.14	-0.33	0.00	-1.38	1.71	-0.86	0.25	-0.33	0.95	-1.63	0.49	-9.298861125
1194	-1.97	0.84	-0.45	0.80	-1.02	-1.32	1.56	-1.34	-0.10	-2.63	-1.19	0.43	-0.29	0.00	0.00	0.11	-0.14	-0.33	0.00	-1.78	1.43	-0.90	0.25	-0.33	0.95	-1.63	0.49	-10.06676578
1195	-1.78	0.67	-0.28	0.80	-1.02	-0.26	1.56	-1.54	-0.06	-2.44	-0.78	0.43	-0.28	0.00	0.00	0.11	-0.10	-0.33	0.00	-1.82	0.87	0.41	0.25	-0.33	0.95	-1.63	0.49	-4.95093821
1196	-2.08	0.44	-0.60	0.80	-1.02	-1.32	1.56	-1.57	-0.97	-1.90	-0.62	0.43	-0.62	0.00	0.00	0.11	-1.06	-0.33	0.00	-1.43	1.15	-0.73	0.25	-0.33	0.95	-1.63	0.49	-17.42126569
1197	-1.74	0.01	-0.53	0.80	-0.68	-1.32	1.56	-1.30	-0.48	-1.35	-0.97	0.43	-0.43	0.00	0.00	0.11	-0.55	-0.33	0.00	-1.30	1.71	-1.31	0.50	-0.33	0.95	-0.93	-0.06	-17.90232969
1198	-1.44	0.23	-0.53	0.80	-0.68	-1.32	1.56	-1.27	-0.48	-1.90	-1.12	0.43	-0.43	0.00	0.00	0.11	-0.55	-0.33	0.00	-1.70	1.43	-1.35	0.50	-0.33	0.95	-0.93	-0.06	-18.67023433
1199	-1.25	0.06	-0.36	0.80	-0.68	0.27	1.56	-1.47	0.46	-1.72	-0.72	0.43	-0.08	0.00	0.00	0.11	0.45	-0.33	0.00	-1.41	1.43	0.50	0.50	-0.33	0.95	-0.93	-0.06	-2.45684963
1200	-1.55	-0.16	-0.68	0.80	-0.68	-0.79	1.56	-1.50	-0.45	-1.17	-0.56	0.43	-0.42	0.00	0.00	0.11	-0.51	-0.33	0.00	-1.02	1.71	-0.63	0.50	-0.33	0.95	-0.93	-0.06	-14.92717489
1201	-2.03	-0.06	0.17	0.80	-0.68	-0.79	1.56	-1.22	0.43	-1.72	-1.16	0.43	-0.09	0.00	0.00	0.11	0.41	-0.33	0.00	-1.25	1.71	-0.66	0.25	-0.33	0.95	-1.63	-0.07	-10.91367763
1202	-1.74	0.16	0.17	0.80	-0.68	-0.79	1.56	-1.19	0.42	-2.26	-1.31	0.43	-0.09	0.00	0.00	0.11	0.41	-0.33	0.00	-1.65	1.43	-0.70	0.25	-0.33	0.95	-1.63	-0.07	-11.68158228
1203	-1.54	-0.01	0.34	0.80	-0.68	0.27	1.56	-1.38	0.46	-2.08	-0.91	0.43	-0.08	0.00	0.00	0.11	0.45	-0.33	0.00	-1.69	0.87	0.61	0.25	-0.33	0.95	-1.63	-0.07	-6.565754717
1204	-1.84	-0.24	0.02	0.80	-0.68	-0.79	1.56	-1.42	-0.44	-1.54	-0.75	0.43	-0.42	0.00	0.00	0.11	-0.51	-0.33	0.00	-1.30	1.15	-0.53	0.25	-0.33	0.95	-1.63	-0.07	-19.03608183
1205	-1.50	-0.67	0.09	0.80	-0.33	-0.79	1.56	-1.15	0.04	-0.99	-1.09	0.43	-0.24	0.00	0.00	0.11	0.01	-0.33	0.00	-1.17	1.71	-1.11	0.50	-0.33	0.95	-0.93	-0.62	-19.51714619
1206	-1.21	-0.44	0.09	0.80	-0.33	-0.79	1.56	-1.12	0.04	-1.54	-1.25	0.43	-0.24	0.00	0.00	0.11	0.01	-0.33	0.00	-1.56	1.43	-1.15	0.50	-0.33	0.95	-0.93	-0.62	-20.28505047
1207	-1.01	-0.62	0.27	0.80	-0.33	0.80	1.56	-1.32	0.99	-1.35	-0.85	0.43	0.12	0.00	0.00	0.11	1.00	-0.33	0.00	-1.28	1.43	0.70	0.50	-0.33	0.95	-0.93	-0.62	-4.071666138
1208	-1.31	-0.84	-0.05	0.80	-0.33	-0.26	1.56	-1.35	0.08	-0.81	-0.69	0.43	-0.22	0.00	0.00	0.11	0.05	-0.33	0.00	-0.88	1.71	-0.43	0.50	-0.33	0.95	-0.93	-0.62	-16.54199121
1209	-1.27	-1.27	1.41	0.00	1.40	-0.79	1.56	-0.57	1.50	-0.99	-0.96	0.43	0.31	0.00	0.00	0.11	1.55	-0.33	0.00	-0.36	1.71	0.25	1.76	-0.33	1.99	-0.24	-1.17	3.798215107
1210	-0.97	-1.04	1.41	0.00	1.40	-0.79	1.56	-0.54	1.50	-1.54	-1.11	0.43	0.31	0.00	0.00	0.11	1.55	-0.33	0.00	-0.76	1.43	0.22	1.76	-0.33	1.99	-0.24	-1.17	3.030312508
1211	-0.78	-1.22	1.58	0.00	1.40	0.27	1.56	-0.74	1.54	-1.35	-0.71	0.43	0.33	0.00	0.00	0.11	1.59	-0.33	0.00	-0.80	0.87	1.52	1.76	-0.33	1.99	-0.24	-1.17	8.146138023
1212	-1.07	-1.44	1.26	0.00	1.40	-0.79	1.56	-0.77	0.63	-0.81	-0.55	0.43	-0.01	0.00	0.00	0.11	0.63	-0.33	0.00	-0.41	1.15	0.39	1.76	-0.33	1.99	-0.24	-1.17	-4.324187412
1213	-0.62	-0.80	0.59	1.59	0.71	1.33	1.56	-1.06	0.64	-0.44</																		

1252	-1.31	-0.91	0.14	0.80	0.02	0.01	1.56	-1.20	0.24	-0.81	-0.85	0.43	-0.16	0.00	0.00	0.11	0.22	-0.33	0.00	-0.91	1.71	-0.29	0.50	-0.33	0.95	-0.93	-0.80	15.07151821
1253	-1.27	-1.34	1.61	0.00	1.75	-0.52	1.56	-0.43	1.67	-0.99	-1.12	0.43	0.37	0.00	0.00	0.11	1.73	-0.33	0.00	-0.39	1.71	0.40	1.76	-0.33	1.99	-0.24	-1.34	5.268689985
1254	-0.97	-1.12	1.61	0.00	1.75	-0.52	1.56	-0.40	1.66	-1.54	-1.28	0.43	0.37	0.00	0.00	0.11	1.72	-0.33	0.00	-0.78	1.43	0.36	1.76	-0.33	1.99	-0.24	-1.34	4.500785336
1255	-0.78	-1.29	1.78	0.00	1.75	0.54	1.56	-0.60	1.70	-1.35	-0.87	0.43	0.39	0.00	0.00	0.11	1.76	-0.33	0.00	-0.83	0.87	1.67	1.76	-0.33	1.99	-0.24	-1.34	9.6166129
1256	-1.07	-1.51	1.46	0.00	1.75	-0.52	1.56	-0.63	0.80	-0.81	-0.71	0.43	0.05	0.00	0.00	0.11	0.81	-0.33	0.00	-0.43	1.15	0.53	1.76	-0.33	1.99	-0.24	-1.34	-2.853714584
1257	-0.62	-0.87	0.79	1.59	1.06	0.01	1.56	-0.91	0.81	-0.44	-1.09	0.43	0.05	0.00	0.00	0.11	0.81	-0.33	0.00	-1.13	1.71	-0.44	1.01	-0.33	0.95	0.46	-1.33	-0.732093114
1258	-0.32	-0.64	0.79	1.59	1.06	0.01	1.56	-0.88	0.81	-0.99	-1.25	0.43	0.05	0.00	0.00	0.11	0.81	-0.33	0.00	-1.53	1.43	-0.48	1.01	-0.33	0.95	0.46	-1.33	-1.499997204
1259	-0.13	-0.82	0.96	1.59	1.06	1.60	1.56	-1.08	0.75	-0.81	-0.84	0.43	0.40	0.00	0.00	0.11	1.80	-0.33	0.00	-1.24	1.43	1.37	1.01	-0.33	0.95	0.46	-1.33	14.71338694
1260	-0.43	-1.04	0.64	1.59	1.06	0.54	1.56	-1.11	0.85	-0.26	-0.69	0.43	0.06	0.00	0.00	0.11	0.85	-0.33	0.00	-0.85	1.71	0.23	1.01	-0.33	0.95	0.46	-1.33	2.243062047
1261	-1.15	-0.29	0.86	0.00	0.02	0.01	1.56	-0.98	1.13	-1.17	-1.15	0.43	0.17	0.00	0.00	0.11	1.16	-0.33	0.00	-1.22	1.71	-0.06	0.75	-0.33	0.95	-0.24	-0.81	-5.096375096
1262	-0.85	-0.07	0.86	0.00	0.02	0.01	1.56	-0.95	1.13	-1.72	-1.31	0.43	0.17	0.00	0.00	0.11	1.15	-0.33	0.00	-1.61	1.43	-0.10	0.75	-0.33	0.95	-0.24	-0.81	-5.864279745
1263	-0.66	-0.24	1.04	0.00	0.02	1.07	1.56	-1.14	1.17	-1.54	-0.91	0.43	0.18	0.00	0.00	0.11	1.19	-0.33	0.00	-1.66	0.87	1.20	0.75	-0.33	0.95	-0.24	-0.81	-0.74845218
1264	-0.96	-0.47	0.72	0.00	0.02	0.01	1.56	-1.17	0.26	-0.99	-0.75	0.43	-0.16	0.00	0.00	0.11	0.24	-0.33	0.00	-1.26	1.15	0.07	0.75	-0.33	0.95	-0.24	-0.81	-13.2187793
1265	-1.12	-0.94	0.66	-0.79	-0.68	-1.05	1.56	-1.22	0.84	-1.90	-1.74	0.43	0.06	0.00	0.00	1.21	0.47	-0.33	0.00	-1.44	1.71	-2.19	0.50	-0.33	0.95	-0.93	-0.51	-35.07206596
1266	-0.82	-0.71	0.66	-0.79	-0.68	-1.05	1.56	-1.19	0.84	-2.44	-1.90	0.43	0.06	0.00	0.00	1.21	0.47	-0.33	0.00	-1.83	1.43	-2.29	0.50	-0.33	0.95	-0.93	-0.51	-35.83997061
1267	-0.63	-0.88	0.84	-0.79	-0.68	0.01	1.56	-1.38	0.88	-2.26	-1.50	0.43	0.08	0.00	0.00	1.21	0.43	-0.33	0.00	-1.88	0.87	-0.92	0.50	-0.33	0.95	-0.93	-0.51	-30.72414304
1268	-0.92	-1.11	0.52	-0.79	-0.68	-1.05	1.56	-1.42	-0.03	-1.72	-1.34	0.43	-0.26	0.00	0.00	1.21	-1.39	-0.33	0.00	-1.48	1.15	-2.05	0.50	-0.33	0.95	-0.93	-0.51	-43.19447016
1269	-0.58	-1.54	0.58	-0.79	-0.33	-1.05	1.56	-1.15	0.46	-1.17	-1.68	0.43	-0.08	0.00	0.00	1.21	0.87	-0.33	0.00	-1.35	1.71	-2.63	0.75	-0.33	0.95	-0.24	-1.06	-43.67553452
1270	-0.29	-1.32	0.58	-0.79	-0.33	-1.05	1.56	-1.12	0.46	-1.72	-1.84	0.43	-0.08	0.00	0.00	1.21	0.88	-0.33	0.00	-1.75	1.43	-2.67	0.75	-0.33	0.95	-0.24	-1.06	-44.44343656
1271	-0.10	-1.49	0.76	-0.79	-0.33	0.54	1.56	-1.32	1.40	-1.54	-1.43	0.43	0.27	0.00	0.00	1.21	0.12	-0.33	0.00	-1.46	1.43	-0.82	0.75	-0.33	0.95	-0.24	-1.06	-28.23005446
1272	-0.39	-1.71	0.44	-0.79	-0.33	-0.52	1.56	-1.35	0.50	-0.99	-1.28	0.43	-0.07	0.00	0.00	1.21	0.84	-0.33	0.00	-1.07	1.71	-1.96	0.75	-0.33	0.95	-0.24	-1.06	-40.70037953
1273	-0.35	-2.14	1.90	-1.59	1.40	-0.52	1.56	-0.57	1.92	-1.17	-1.54	0.43	0.47	0.00	0.00	1.21	0.67	-0.33	0.00	-0.55	1.71	-1.27	2.01	-0.33	1.99	0.46	-1.61	-19.31423475
1274	-0.05	-1.92	1.90	-1.59	1.40	-0.52	1.56	-0.54	1.92	-1.72	-1.70	0.43	0.47	0.00	0.00	1.21	0.67	-0.33	0.00	-0.94	1.43	-1.31	2.01	-0.33	1.99	0.46	-1.61	-20.08213735
1275	0.14	-2.09	2.07	-1.59	1.40	0.54	1.56	-0.74	1.96	-1.54	-1.30	0.43	0.48	0.00	0.00	1.21	0.71	-0.33	0.00	-0.99	0.87	-0.01	2.01	-0.33	1.99	0.46	-1.61	-14.96631183
1276	-0.16	-2.31	1.76	-1.59	1.40	-0.52	1.56	-0.77	1.05	-0.99	-1.14	0.43	0.14	0.00	0.00	1.21	0.25	-0.33	0.00	-0.59	1.15	-1.14	2.01	-0.33	1.99	0.46	-1.61	-27.43663727
1277	0.30	-1.67	1.08	0.00	0.71	0.01	1.56	-1.06	1.06	-0.63	-1.52	0.43	0.14	0.00	0.00	1.21	0.25	-0.33	0.00	-1.29	1.71	-2.12	1.26	-0.33	0.95	1.16	-1.59	-25.3150156
1278	0.59	-1.44	1.08	0.00	0.71	0.01	1.56	-1.03	1.06	-1.17	-1.67	0.43	0.14	0.00	0.00	1.21	0.25	-0.33	0.00	-1.69	1.43	-2.15	1.26	-0.33	0.95	1.16	-1.59	-26.08292025
1279	0.79	-1.62	1.25	0.00	0.71	1.60	1.56	-1.22	2.00	-0.99	-1.27	0.43	0.50	0.00	0.00	1.21	0.75	-0.33	0.00	-1.40	1.43	-0.31	1.26	-0.33	0.95	1.16	-1.59	-9.869535549
1280	0.49	-1.84	0.94	0.00	0.71	0.54	1.56	-1.25	1.10	-0.44	-1.11	0.43	0.16	0.00	0.00	1.21	0.43	-0.33	0.00	-1.01	1.71	-1.44	1.26	-0.33	0.95	1.16	-1.59	-22.33986286
1281	-0.23	-1.09	1.16	-1.59	-0.33	0.01	1.56	-1.12	1.38	-1.35	-1.58	0.43	0.27	0.00	0.00	1.21	0.10	-0.33	0.00	-1.38	1.71	-1.74	1.01	-0.33	0.95	0.46	-1.07	-29.67929983
1282	0.06	-0.87	1.16	-1.59	-0.33	0.01	1.56	-1.09	1.38	-1.90	-1.74	0.43	0.26	0.00	0.00	1.21	0.10	-0.33	0.00	-1.77	1.43	-1.78	1.01	-0.33	0.95	0.46	-1.07	-30.44720243
1283	0.25	-1.04	1.33	-1.59	-0.33	1.07	1.56	-1.29	1.42	-1.72	-1.33	0.43	0.28	0.00	0.00	1.21	0.43	-0.33	0.00	-1.82	0.87	-0.47	1.01	-0.33	0.95	0.46	-1.07	-25.33137691
1284	-0.04	-1.27	1.01	-1.59	-0.33	0.01	1.56	-1.32	0.51	-1.17	-1.17	0.43	-0.06	0.00	0.00	1.21	0.82	-0.33	0.00	-1.42	1.15	-1.60	1.01	-0.33	0.95	0.46	-1.07	-37.80170235
1285	-1.19	-0.26	0.03	-0.79	-1.02	-1.58	1.56	-1.37	0.31	-1.17	-0.71	0.43	-0.14	0.00	0.00	0.86	-0.61	-0.33	0.00	-1.00	1.71	-1.19	0.50	-0.33	0.95	-0.93	0.05	-22.89320373
1286	-0.90	-0.03	0.03	-0.79	-1.02	-1.58	1.56	-1.34	0.31	-1.72	-0.87	0.43	-0.14	0.00	0.00	0.86	-0.62	-0.33	0.00	-1.39	1.43	-1.23	0.50	-0.33	0.95	-0.93	0.05	-23.66110633
1287	-0.71	-0.20	0.21	-0.79	-1.02	-0.52	1.56	-1.54	0.34	-1.54	-0.46	0.43	-0.12	0.00	0.00	0.86	-0.58	-0.33	0.00	-1.44	0.87	0.08	0.50	-0.33	0.95	-0.93	0.05	-18.54528081
1288	-1.00	-0.43	-0.11	-0.79	-1.02	-1.58	1.56	-1.57	-0.56	-0.99	-0.31	0.43	-0.46	0.00	0.00	0.86	-1.53	-0.33	0.00	-1.04	1.15	-1.06	0.50	-0.33	0.95	-0.93	0.05	-31.01560607
1289	-0.66	-0.86	-0.04	-0.79	-0.68	-1.58	1.56	-1.30	-0.08	-0.44	-0.65	0.43	-0.28	0.00	0.00	0.86	-1.02	-0.33	0.00	-0.92	1.71	-1.64	0.75	-0.33	0.95	-0.24	-0.50	-31.49667005
1290	-0.37	-1.58	-0.04	-0.79	-0.68	-1.58	1.56	-1.27	-0.08	-0.99	-0.81	0.43	-0.28	0.00	0.00	0.86	-1.02	-0.33	0.00	-1.31	1.43	-1.68	0.75	-0.33	0.95	-0.24	-0.50	-32.26457452
1291	-0.18	-0.81	0.13	-0.79	-0.68	0.01	1.56	-1.47	0.87	-0.81	-0.40	0.43	0.07	0.00	0.00	0.86	-0.03	-0.33	0.00	-1.03	1.43	0.17	0.75	-0.33	0.95	-0.24	-0.50	-16.05119001
1292	-0.47	-1.04	-0.19	-0.79	-0.68	-1.05	1.56	-1.50	-0.04	-0.26	-0.24	0.43	-0.27	0.00	0.00	0.86	-0.98	-0.33	0.00	-0.63	1.71	-0.96	0.75	-0.33	0.95	-0.24	-0.50	-28.52151731
1293	-0.96	-0.94	0.66	-0.79	-0.68	-0.52	1.56	-1.22	0.83	-0.81	-0.84	0.43	0.06	0.00	0.00	0.86	-0.06	-0.33	0.00	-0.87	1.71	-1.00	0.50	-0.33	0.95	-0.93	-0.51	-23.45932719
1294	-0.66	-0.71	0.66	-0.79	-0.68	-0.52	1.56	-1.19	0.83	-1.35	-1.00	0.43	0.06	0.00	0.00	0.86	-0.06	-0.33	0.00	-1.26	1.43	-1.03	0.50	-0.33	0.95	-0.93	-0.51	-24.22722979
1295	-0.47	-0.88	0.83	-0.79	-0.68	0.54	1.56	-1.38	0.87	-1.17	-0.59	0.43	0.07	0.00	0.00	0.86	-0.02	-0.33	0.00	-1.31	0.87	0.27	0.50	-0.33	0.95	-0.93	-0.51	-19.11140428
1296	-0.77	-1.11	0.51	-0.79	-0.68	-0.52	1.56	-1.42	-0.04	-0.63	-0.43	0.43	-0.27	0.00	0.00	0.86	-0.98	-0.33	0.00	-0.91	1.15	-0.86	0.50	-0.33	0.95	-0.93	-0.51	-31.58172934
1297	-0.43	-1.54	0.58	-0.79	-0.33	-0.52	1.																					

1336	-1.19	-0.35	-0.11	0.80	-1.37	0.01	1.09	-1.13	-0.05	-0.08	-0.32	0.03	-0.27	0.00	0.00	1.11	-1.30	-0.33	0.00	-0.35	1.71	0.75	1.26	-0.33	1.47	-0.24	-0.50	3.491320143
1337	-1.68	-0.24	0.74	0.80	-1.37	0.01	1.09	-0.84	0.83	-0.63	-0.91	0.03	0.06	0.00	0.00	1.11	-0.37	-0.33	0.00	-0.59	1.71	0.72	1.01	-0.33	1.47	-0.93	-0.51	7.504817034
1338	-1.38	-0.02	0.74	0.80	-1.37	0.01	1.09	-0.81	0.82	-1.17	-1.07	0.03	0.06	0.00	0.00	1.11	-0.37	-0.33	0.00	-0.98	1.43	0.68	1.01	-0.33	1.47	-0.93	-0.51	6.736912753
1339	-1.19	-0.19	0.91	0.80	-1.37	1.07	1.09	-1.01	0.86	-0.99	-0.67	0.03	0.07	0.00	0.00	1.11	-0.33	-0.33	0.00	-1.03	0.87	1.99	1.01	-0.33	1.47	-0.93	-0.51	11.85274032
1340	-1.49	-0.42	0.59	0.80	-1.37	0.01	1.09	-1.04	-0.04	-0.44	-0.51	0.03	-0.27	0.00	0.00	1.11	-1.29	-0.33	0.00	-0.63	1.15	0.85	1.01	-0.33	1.47	-0.93	-0.51	-0.617587166
1341	-1.15	-0.85	0.66	0.80	-1.02	0.01	1.09	-0.78	0.44	0.10	-0.85	0.03	-0.09	0.00	0.00	1.11	-0.78	-0.33	0.00	-0.50	1.71	0.27	1.26	-0.33	1.47	-0.24	-1.06	-1.098651159
1342	-0.85	-0.63	0.66	0.80	-1.02	0.01	1.09	-0.75	0.44	-0.44	-1.01	0.03	-0.09	0.00	0.00	1.11	-0.78	-0.33	0.00	-0.90	1.43	0.23	1.26	-0.33	1.47	-0.24	-1.06	-1.866553758
1343	-0.66	-0.80	0.83	0.80	-1.02	1.60	1.09	-0.94	1.38	-0.26	-0.60	0.03	0.27	0.00	0.00	1.11	0.22	-0.33	0.00	-0.61	1.43	2.08	1.26	-0.33	1.47	-0.24	-1.06	14.3468289
1344	-0.96	-1.02	0.51	0.80	-1.02	0.54	1.09	-0.97	0.48	0.28	-0.45	0.03	-0.07	0.00	0.00	1.11	-0.74	-0.33	0.00	-0.22	1.71	0.95	1.26	-0.33	1.47	-0.24	-1.06	1.876503635
1345	-0.91	-1.45	1.98	0.00	0.71	0.01	1.09	-0.20	1.90	0.10	-0.71	0.03	0.46	0.00	0.00	1.11	0.77	-0.33	0.00	0.30	1.71	1.63	2.51	-0.33	2.51	0.46	-1.61	22.21671182
1346	-0.62	-1.23	1.98	0.00	0.71	0.01	1.09	-0.17	1.90	-0.44	-0.87	0.03	0.46	0.00	0.00	1.11	0.77	-0.33	0.00	-0.09	1.43	1.60	2.51	-0.33	2.51	0.46	-1.61	21.44880754
1347	-0.43	-1.40	2.15	0.00	0.71	1.07	1.09	-0.37	1.94	-0.26	-0.47	0.03	0.47	0.00	0.00	1.11	0.80	-0.33	0.00	-0.14	0.87	2.90	2.51	-0.33	2.51	0.46	-1.61	26.56463474
1348	-0.72	-1.62	1.83	0.00	0.71	0.01	1.09	-0.40	1.03	0.28	-0.31	0.03	0.13	0.00	0.00	1.11	-0.15	-0.33	0.00	0.26	1.15	1.77	2.51	-0.33	2.51	0.46	-1.61	14.09430762
1349	-0.26	-0.98	1.16	1.59	0.02	0.54	1.09	-0.68	1.04	0.65	-0.69	0.03	0.14	0.00	0.00	1.11	-0.15	-0.33	0.00	-0.44	1.71	0.79	1.76	-0.33	1.47	1.16	-1.59	16.21592892
1350	0.03	-0.75	1.16	1.59	0.02	0.54	1.09	-0.65	1.04	0.10	-0.84	0.03	0.13	0.00	0.00	1.11	-0.15	-0.33	0.00	-0.84	1.43	0.75	1.76	-0.33	1.47	1.16	-1.59	15.44802464
1351	0.22	-0.93	1.33	1.59	0.02	2.13	1.09	-0.85	1.99	0.28	-0.44	0.03	0.49	0.00	0.00	1.11	0.85	-0.33	0.00	-0.55	1.43	2.60	1.76	-0.33	1.47	1.16	-1.59	31.66140878
1352	-0.07	-1.15	1.01	1.59	0.02	1.07	1.09	-0.88	1.08	0.83	-0.28	0.03	0.15	0.00	0.00	1.11	-0.11	-0.33	0.00	-0.16	1.71	1.47	1.76	-0.33	1.47	1.16	-1.59	19.19108203
1353	-0.80	-0.40	1.24	0.00	-1.02	0.54	1.09	-0.75	1.37	-0.08	-0.75	0.03	0.26	0.00	0.00	1.11	0.20	-0.33	0.00	-0.53	1.71	1.17	1.51	-0.33	1.47	0.46	-1.07	11.85164469
1354	-0.50	-0.18	1.23	0.00	-1.02	0.54	1.09	-0.72	1.36	-0.63	-0.91	0.03	0.26	0.00	0.00	1.11	0.20	-0.33	0.00	-0.92	1.43	1.13	1.51	-0.33	1.47	0.46	-1.07	11.08374246
1355	-0.31	-0.35	1.41	0.00	-1.02	1.60	1.09	-0.92	1.40	-0.44	-0.50	0.03	0.27	0.00	0.00	1.11	0.24	-0.33	0.00	-0.97	0.87	2.44	1.51	-0.33	1.47	0.46	-1.07	16.19956761
1356	-0.60	-0.58	1.09	0.00	-1.02	0.54	1.09	-0.95	0.50	0.10	-0.34	0.03	-0.07	0.00	0.00	1.11	-0.72	-0.33	0.00	-0.57	1.15	1.30	1.51	-0.33	1.47	0.46	-1.07	3.729242542
1357	-1.92	-0.65	-0.47	-0.79	-2.06	-1.05	1.09	-1.14	-0.18	-0.99	-1.03	0.03	-0.32	0.00	0.00	1.14	-1.46	-0.33	0.00	-0.68	1.71	0.07	1.01	-0.33	1.47	-0.93	0.58	-4.571228835
1358	-1.62	0.88	-0.47	-0.79	-2.06	-1.05	1.09	-1.11	-0.18	-1.54	-1.19	0.03	-0.32	0.00	0.00	1.14	-1.47	-0.33	0.00	-1.07	1.43	0.04	1.01	-0.33	1.47	-0.93	0.58	-5.339133311
1359	-1.43	0.71	-0.30	-0.79	-2.06	0.01	1.09	-1.31	-0.14	-1.35	-0.78	0.03	-0.31	0.00	0.00	1.14	-1.43	-0.33	0.00	-1.12	0.87	1.34	1.01	-0.33	1.47	-0.93	0.58	-0.223305919
1360	-1.72	0.48	-0.62	-0.79	-2.06	-1.05	1.09	-1.34	-0.04	-0.81	-0.62	0.03	-0.65	0.00	0.00	1.14	-2.38	-0.33	0.00	-0.72	1.15	0.21	1.01	-0.33	1.47	-0.93	0.58	-12.69363286
1361	-1.38	0.05	-0.55	-0.79	-1.72	-1.05	1.09	-1.08	-0.56	-0.26	-0.97	0.03	-0.46	0.00	0.00	1.14	-1.87	-0.33	0.00	-0.59	1.71	-0.37	1.26	-0.33	1.47	-0.24	0.03	-13.1746974
1362	-1.09	0.27	-0.55	-0.79	-1.72	-1.05	1.09	-1.04	-0.56	-0.81	-1.12	0.03	-0.46	0.00	0.00	1.14	-1.87	-0.33	0.00	-0.99	1.43	-0.41	1.26	-0.33	1.47	-0.24	0.03	-13.9426015
1363	-0.90	0.10	-0.38	-0.79	-1.72	0.54	1.09	-1.24	0.38	-0.63	-0.72	0.03	-0.11	0.00	0.00	1.14	-0.88	-0.33	0.00	-0.70	1.43	1.44	1.26	-0.33	1.47	-0.24	0.03	2.270782833
1364	-1.19	-0.13	-0.70	-0.79	-1.72	-0.52	1.09	-1.27	-0.52	-0.08	-0.56	0.03	-0.45	0.00	0.00	1.14	-1.83	-0.33	0.00	-0.31	1.71	0.30	1.26	-0.33	1.47	-0.24	0.03	-10.19954223
1365	-1.92	0.62	-0.37	0.80	-2.06	-0.26	1.09	-1.14	-0.09	-1.17	-1.03	0.03	-0.29	0.00	0.00	1.14	-1.38	-0.33	0.00	-0.75	1.71	0.22	1.01	-0.33	1.47	-0.93	0.49	7.823000706
1366	-1.62	0.84	-0.37	0.80	-2.06	-0.26	1.09	-1.11	-0.10	-1.72	-1.19	0.03	-0.29	0.00	0.00	1.14	-1.38	-0.33	0.00	-1.14	1.43	0.18	1.01	-0.33	1.47	-0.93	0.49	7.055096056
1367	-1.43	0.67	-0.20	0.80	-2.06	0.80	1.09	-1.31	-0.06	-1.54	-0.78	0.03	-0.28	0.00	0.00	1.14	-1.34	-0.33	0.00	-1.18	0.87	1.49	1.01	-0.33	1.47	-0.93	0.49	12.17092362
1368	-1.72	0.44	-0.52	0.80	-2.06	-0.26	1.09	-1.34	-0.96	-0.99	-0.62	0.03	-0.62	0.00	0.00	1.14	-2.30	-0.33	0.00	-0.79	1.15	0.35	1.01	-0.33	1.47	-0.93	0.49	-0.299401256
1369	-1.38	0.01	-0.45	0.80	-1.72	-0.26	1.09	-1.08	-0.48	-0.44	-0.97	0.03	-0.43	0.00	0.00	1.14	-1.78	-0.33	0.00	-0.66	1.71	-0.23	1.26	-0.33	1.47	-0.24	-0.06	-0.780467665
1370	-1.09	0.23	-0.45	0.80	-1.72	-0.26	1.09	-1.04	-0.48	-0.99	-1.12	0.03	-0.43	0.00	0.00	1.14	-1.79	-0.33	0.00	-1.06	1.43	-0.26	1.26	-0.33	1.47	-0.24	-0.06	-1.548369896
1371	-0.90	0.06	-0.28	0.80	-1.72	1.33	1.09	-1.24	0.46	-0.81	-0.72	0.03	-0.08	0.00	0.00	1.14	-0.79	-0.33	0.00	-0.77	1.43	1.58	1.26	-0.33	1.47	-0.24	-0.06	14.66501239
1372	-1.19	-0.16	-0.60	0.80	-1.72	0.27	1.09	-1.27	-0.44	-0.26	-0.56	0.03	-0.42	0.00	0.00	1.14	-1.75	-0.33	0.00	-0.38	1.71	0.45	1.26	-0.33	1.47	-0.24	-0.06	2.194687323
1373	-1.68	-0.06	0.25	0.80	-1.72	0.27	1.09	-0.99	0.43	-0.81	-1.16	0.03	-0.09	0.00	0.00	1.14	-0.82	-0.33	0.00	-0.61	1.71	0.42	1.01	-0.33	1.47	-0.93	-0.07	6.208184198
1374	-1.38	0.16	0.25	0.80	-1.72	0.27	1.09	-0.96	0.43	-1.35	-1.31	0.03	-0.09	0.00	0.00	1.14	-0.83	-0.33	0.00	-1.01	1.43	0.38	1.01	-0.33	1.47	-0.93	-0.07	5.440279916
1375	-1.19	-0.01	0.43	0.80	-1.72	1.33	1.09	-1.16	0.47	-1.17	-0.91	0.03	-0.08	0.00	0.00	1.14	-0.79	-0.33	0.00	-1.05	0.87	1.69	1.01	-0.33	1.47	-0.93	-0.07	10.55610711
1376	-1.49	-0.24	0.11	0.80	-1.72	0.27	1.09	-1.19	-0.44	-0.63	-0.75	0.03	-0.42	0.00	0.00	1.14	-1.74	-0.33	0.00	-0.66	1.15	0.55	1.01	-0.33	1.47	-0.93	-0.07	-1.914217953
1377	-1.15	-0.67	0.18	0.80	-1.37	0.27	1.09	-0.92	0.05	-0.08	-1.09	0.03	-0.24	0.00	0.00	1.14	-1.23	-0.33	0.00	-0.53	1.71	-0.03	1.26	-0.33	1.47	-0.24	-0.62	-2.395284172
1378	-0.85	-0.44	0.17	0.80	-1.37	0.27	1.09	-0.89	0.05	-0.63	-1.25	0.03	-0.24	0.00	0.00	1.14	-1.23	-0.33	0.00	-0.92	1.43	-0.07	1.26	-0.33	1.47	-0.24	-0.62	-3.163186403
1379	-0.66	-0.62	0.35	0.80	-1.37	1.86	1.09	-1.09	0.99	-0.44	-0.85	0.03	0.12	0.00	0.00	1.14	-0.24	-0.33	0.00	-0.64	1.43	1.78	1.26	-0.33	1.47	-0.24	-0.62	13.05019569
1380	-0.96	-0.84	0.03	0.80	-1.37	0.80	1.09	-1.12	0.08	0.10	-0.69	0.03	-0.22	0.00	0.00	1.14	-1.19	-0.33	0.00	-0.25	1.71	0.65	1.26	-0.33	1.47	-0.24	-0.62	0.579870626
1381	-0.91	-1.27	1.49	0.00	0.36	0.27																						

1420	-1.49	-0.31	0.30	0.80	-1.37	0.54	1.09	-1.04	-0.27	-0.63	-0.91	0.03	-0.36	0.00	1.14	-1.57	-0.33	0.00	-0.68	1.15	0.70	1.01	-0.33	1.47	-0.92	0.25	0.443745126
1421	-1.15	-0.74	0.37	0.80	-1.02	0.54	1.09	-0.78	0.21	-0.08	-1.26	0.03	-0.17	0.00	1.14	-1.06	-0.33	0.00	-0.55	1.71	0.12	1.26	-0.33	1.47	-0.80	0.24	-0.924809118
1422	-0.85	-0.52	0.37	0.80	-1.02	0.54	1.09	-0.75	0.21	-0.63	-1.41	0.03	-0.18	0.00	1.14	-1.06	-0.33	0.00	-0.95	1.43	0.08	1.26	-0.33	1.47	-0.24	-0.80	-1.692713575
1423	-0.66	-0.69	0.54	0.80	-1.02	2.13	1.09	-0.94	1.15	-0.44	-1.01	0.03	0.18	0.00	1.14	-0.06	-0.33	0.00	-0.66	1.43	1.93	1.26	-0.33	1.47	-0.24	-0.80	14.52067094
1424	-0.96	-0.91	0.22	0.80	-1.02	1.07	1.09	-0.97	0.25	0.10	-0.85	0.03	-0.16	0.00	1.14	-1.02	-0.33	0.00	-0.27	1.71	0.79	1.26	-0.33	1.47	-0.24	-0.80	2.050343626
1425	-0.91	-1.34	1.69	0.00	0.71	0.54	1.09	-0.20	1.67	-0.08	-1.12	0.03	0.37	0.00	1.14	0.49	-0.33	0.00	0.25	1.71	1.48	2.51	-0.33	2.51	0.46	-1.34	22.39055182
1426	-0.62	-1.12	1.69	0.00	0.71	0.54	1.09	-0.17	1.67	-0.63	-1.28	0.03	0.37	0.00	1.14	0.49	-0.33	0.00	-0.14	1.43	1.44	2.51	-0.33	2.51	0.46	-1.34	21.62264958
1427	-0.43	-1.29	1.86	0.00	0.71	1.60	1.09	-0.37	1.71	-0.44	-0.87	0.03	0.39	0.00	1.14	0.53	-0.33	0.00	-0.19	0.87	2.75	2.51	-0.33	2.51	0.46	-1.34	26.73847473
1428	-0.72	-1.51	1.54	0.00	0.71	0.54	1.09	-0.40	0.80	0.10	-0.71	0.03	0.05	0.00	1.14	-0.43	-0.33	0.00	0.21	1.15	1.62	2.51	-0.33	2.51	0.46	-1.34	14.26814966
1429	-0.26	-0.87	0.87	1.59	0.02	1.07	1.09	-0.68	0.81	0.46	-1.09	0.03	0.05	0.00	1.14	-0.43	-0.33	0.00	-0.49	1.71	0.64	1.76	-0.33	1.47	1.16	-1.33	16.38976891
1430	0.03	-0.64	0.87	1.59	0.02	1.07	1.09	-0.65	0.81	-0.08	-1.25	0.03	0.05	0.00	1.14	-0.43	-0.33	0.00	-0.89	1.43	0.60	1.76	-0.33	1.47	1.16	-1.33	15.62186668
1431	0.22	-0.82	1.04	1.59	0.02	2.66	1.09	-0.85	1.75	0.10	-0.84	0.03	0.40	0.00	1.14	0.57	-0.33	0.00	-0.60	1.43	2.45	1.76	-0.33	1.47	1.16	-1.33	31.83524896
1432	-0.07	-1.04	0.72	1.59	0.02	1.60	1.09	-0.88	0.85	0.65	-0.69	0.03	0.06	0.00	1.14	-0.39	-0.33	0.00	-0.21	1.71	1.31	1.76	-0.33	1.47	1.16	-1.33	19.3649239
1433	-0.80	-0.29	0.95	0.00	-1.02	1.07	1.09	-0.75	1.13	-0.26	-1.15	0.03	0.17	0.00	1.14	-0.08	-0.33	0.00	-0.58	1.71	1.02	1.51	-0.33	1.47	0.46	-0.81	12.02548674
1434	-0.50	-0.07	0.95	0.00	-1.02	1.07	1.09	-0.72	1.13	-0.81	-1.11	0.03	0.17	0.00	1.14	-0.08	-0.33	0.00	-0.97	1.43	0.98	1.51	-0.33	1.47	0.46	-0.81	11.25758245
1435	-0.31	-0.24	1.12	0.00	-1.02	2.13	1.09	-0.92	1.17	-0.63	-0.91	0.03	0.18	0.00	1.14	-0.04	-0.33	0.00	-1.02	0.87	2.29	1.51	-0.33	1.47	0.46	-0.81	16.37340965
1436	-0.60	-0.47	0.80	0.00	-1.02	1.07	1.09	-0.95	0.27	-0.08	-0.75	0.03	-0.15	0.00	1.14	-1.00	-0.33	0.00	-0.62	1.15	1.15	1.51	-0.33	1.47	0.46	-0.81	3.903084584
1437	-0.76	-0.94	0.75	-0.79	-1.72	0.01	1.09	-0.99	0.85	-0.99	-1.74	0.03	0.06	0.00	2.23	-1.70	-0.33	0.00	-0.80	1.71	-1.11	1.26	-0.33	1.47	-0.24	-0.51	-17.9502043
1438	-0.47	-0.71	0.74	-0.79	-1.72	0.01	1.09	-0.96	0.84	-1.54	-1.90	0.03	0.06	0.00	2.23	-1.71	-0.33	0.00	-1.19	1.43	-1.14	1.26	-0.33	1.47	-0.24	-0.51	-18.71810617
1439	-0.27	-0.88	0.92	-0.79	-1.72	1.07	1.09	-1.16	0.88	-1.35	-1.50	0.03	0.08	0.00	2.23	-1.67	-0.33	0.00	-1.24	0.87	0.16	1.26	-0.33	1.47	-0.24	-0.51	-13.60228119
1440	-0.57	-1.11	0.60	-0.79	-1.72	0.01	1.09	-1.19	-0.02	-0.81	-1.34	0.03	-0.26	0.00	2.23	-2.62	-0.33	0.00	-0.84	1.15	-0.97	1.26	-0.33	1.47	-0.24	-0.51	-26.07260609
1441	-0.23	-1.54	0.67	-0.79	-1.37	0.01	1.09	-0.92	0.46	-0.26	-1.68	0.03	-0.08	0.00	2.23	-2.11	-0.33	0.00	-0.72	1.71	-1.55	1.51	-0.33	1.47	0.46	-1.06	-26.55367062
1442	0.06	-1.32	0.67	-0.79	-1.37	0.01	1.09	-0.89	0.46	-0.81	-1.84	0.03	-0.08	0.00	2.23	-2.11	-0.33	0.00	-1.11	1.43	-1.59	1.51	-0.33	1.47	0.46	-1.06	-27.32157473
1443	0.26	-1.49	0.84	-0.79	-1.37	1.60	1.09	-1.09	1.41	-0.63	-1.43	0.03	0.27	0.00	2.23	-1.12	-0.33	0.00	-0.83	1.43	0.26	1.51	-0.33	1.47	0.46	-1.06	-11.10819039
1444	-0.04	-1.71	0.52	-0.79	-1.37	0.54	1.09	-1.12	0.50	-0.08	-1.28	0.03	-0.07	0.00	2.23	-2.07	-0.33	0.00	-0.43	1.71	-0.88	1.51	-0.33	1.47	0.46	-1.06	-23.57851751
1445	0.00	-2.14	1.98	-1.59	0.36	0.54	1.09	-0.35	1.92	-0.26	-1.54	0.03	0.47	0.00	2.23	-0.57	-0.33	0.00	0.09	1.71	-0.19	2.76	-0.33	2.51	1.16	-1.61	-2.192370865
1446	0.30	-1.92	1.98	-1.59	0.36	0.54	1.09	-0.32	1.92	-0.81	-1.70	0.03	0.47	0.00	2.23	-0.57	-0.33	0.00	-0.30	1.43	-0.23	2.76	-0.33	2.51	1.16	-1.61	-2.960275325
1447	0.49	-2.09	2.16	-1.59	0.36	1.60	1.09	-0.51	1.96	-0.63	-1.30	0.03	0.48	0.00	2.23	-0.53	-0.33	0.00	-0.35	0.87	1.08	2.76	-0.33	2.51	1.16	-1.61	2.155552241
1448	0.20	-2.31	1.84	-1.59	0.36	0.54	1.09	-0.54	1.05	-0.08	-1.14	0.03	0.14	0.00	2.23	-1.49	-0.33	0.00	0.05	1.15	-0.06	2.76	-0.33	2.51	1.16	-1.61	-10.31477524
1449	0.65	-1.67	1.16	0.00	-0.33	1.07	1.09	-0.83	1.06	0.28	-1.52	0.03	0.14	0.00	2.23	-1.48	-0.33	0.00	-0.66	1.71	-1.03	2.01	-0.33	1.47	1.85	-1.59	-8.193153773
1450	0.95	-1.44	1.16	0.00	-0.33	1.07	1.09	-0.80	1.06	-0.26	-1.67	0.03	0.14	0.00	2.23	-1.49	-0.33	0.00	-1.05	1.43	-1.07	2.01	-0.33	1.47	1.85	-1.59	-8.961058055
1451	1.14	-1.62	1.34	0.00	-0.33	2.66	1.09	-0.99	2.01	-0.08	-1.27	0.03	0.50	0.00	2.23	-0.49	-0.33	0.00	-0.77	1.43	0.77	2.01	-0.33	1.47	1.85	-1.59	-7.252326283
1452	0.84	-1.84	1.02	0.00	-0.33	1.60	1.09	-1.03	1.10	0.46	-1.11	0.03	0.16	0.00	2.23	-1.45	-0.33	0.00	-0.37	1.71	-0.36	2.01	-0.33	1.47	1.85	-1.59	-5.217998612
1453	0.12	-1.09	1.24	-1.59	-1.37	1.07	1.09	-0.89	1.39	-0.44	-1.58	0.03	0.27	0.00	2.23	-1.14	-0.33	0.00	-0.74	1.71	-0.66	1.76	-0.33	1.47	1.16	-1.07	-12.55743595
1454	0.42	-0.87	1.24	-1.59	-1.37	1.07	1.09	-0.86	1.38	-0.99	-1.74	0.03	0.27	0.00	2.23	-1.14	-0.33	0.00	-1.13	1.43	-0.69	1.76	-0.33	1.47	1.16	-1.07	-13.3253404
1455	0.61	-1.04	1.42	-1.59	-1.37	2.13	1.09	-1.06	1.42	-0.81	-1.33	0.03	0.28	0.00	2.23	-1.10	-0.33	0.00	-1.18	0.87	0.61	1.76	-0.33	1.47	1.16	-1.07	-8.209512839
1456	0.31	-1.27	1.10	-1.59	-1.37	1.07	1.09	-1.09	0.52	-0.26	-1.17	0.03	-0.06	0.00	2.23	-2.06	-0.33	0.00	-0.78	1.15	-0.52	1.76	-0.33	1.47	1.16	-1.07	-20.67983996
1457	-0.84	-0.26	0.12	-0.79	-2.06	-0.52	1.09	-1.14	0.31	-0.26	-0.71	0.03	-0.14	0.00	1.88	-1.85	-0.33	0.00	-0.36	1.71	-0.11	1.26	-0.33	1.47	-0.24	0.05	-5.771339657
1458	-0.55	-0.03	0.12	-0.79	-2.06	-0.52	1.09	-1.11	0.31	-0.81	-2.06	0.03	-0.14	0.00	1.88	-1.85	-0.33	0.00	-0.75	1.43	-0.15	1.26	-0.33	1.47	-0.24	0.05	-6.539244306
1459	-0.35	-0.20	0.29	-0.79	-2.06	0.54	1.09	-1.31	0.35	-0.63	-0.46	0.03	-0.12	0.00	1.88	-1.82	-0.33	0.00	-0.80	0.87	1.16	1.26	-0.33	1.47	-0.24	0.05	-1.423416741
1460	-0.65	-0.43	-0.03	-0.79	-2.06	-0.52	1.09	-1.34	-0.56	-0.08	-0.31	0.03	-0.46	0.00	1.88	-2.77	-0.33	0.00	-0.40	1.15	0.02	1.26	-0.33	1.47	-0.24	0.05	-13.89374386
1461	-0.31	-0.86	0.04	-0.79	-1.72	-0.52	1.09	-1.08	-0.07	0.46	-0.65	0.03	-0.28	0.00	1.88	-2.26	-0.33	0.00	-0.28	1.71	-0.56	1.51	-0.33	1.47	0.46	-0.50	-14.37480822
1462	-0.01	-0.64	0.04	-0.79	-1.72	-0.52	1.09	-1.04	-0.07	-0.08	-0.81	0.03	-0.28	0.00	1.88	-2.26	-0.33	0.00	-0.67	1.43	-0.60	1.51	-0.33	1.47	0.46	-0.50	-15.14271045
1463	0.18	-0.81	0.21	-0.79	-1.72	1.07	1.09	-1.24	0.87	0.10	-0.40	0.03	0.07	0.00	1.88	-1.26	-0.33	0.00	-0.39	1.43	1.25	1.51	-0.33	1.47	0.46	-0.50	1.070671838
1464	-0.12	-1.04	-0.11	-0.79	-1.72	0.01	1.09	-1.27	-0.04	0.65	-0.24	0.03	-0.27	0.00	1.88	-2.22	-0.33	0.00	0.01	1.71	0.12	1.51	-0.33	1.47	0.46	-0.50	-11.39965306
1465	-0.60	-0.94	0.74	-0.79	-1.72	0.54	1.09	-0.99	0.84	0.10	-0.84	0.03	0.06	0.00	1.88	-1.30	-0.33	0.00	-0.23	1.71	0.09	1.26	-0.33	1.47	-0.24	-0.51	-6.337463312
1466	-0.31	-0.71	0.74	-0.79	-1.72	0.54	1.09	-0.96	0.83	-0.44	-1.00	0.03	0.06	0.00	1.88	-1.30	-0.33	0.00	-0.62	1.43	0.05	1.26					

1504	0.15	-2.07	2.16	-1.59	1.40	-0.52	-0.94	-0.64	1.04	1.37	-1.46	5.24	-1.60	0.00	0.00	-1.76	-1.57	-0.33	0.00	0.57	-1.07	-0.82	0.75	-0.33	0.43	1.16	-1.07	-35.13296437
1505	0.60	-1.43	1.48	0.00	0.71	0.01	-0.94	-0.92	1.05	1.74	-1.84	5.24	-1.60	0.00	0.00	-1.76	-1.56	-0.33	0.00	-0.13	-0.51	-1.80	0.00	-0.33	-0.61	1.85	-1.59	-33.01134307
1506	0.90	-1.20	1.48	0.00	0.71	0.01	-0.94	-0.89	1.05	1.19	-1.99	5.24	-1.60	0.00	0.00	-1.76	-1.56	-0.33	0.00	-0.53	-0.79	-1.84	0.00	-0.33	-0.61	1.85	-1.59	-33.77924755
1507	1.09	-1.37	1.66	0.00	0.71	1.60	-0.94	-1.09	2.00	1.37	-1.59	5.24	-1.25	0.00	0.00	-1.76	-0.57	-0.33	0.00	-0.24	-0.79	0.01	0.00	-0.33	-0.61	1.85	-1.59	-17.56586284
1508	0.79	-1.60	1.34	0.00	0.71	0.54	-0.94	-1.12	1.09	1.92	-1.43	5.24	-1.59	0.00	0.00	-1.76	-1.52	-0.33	0.00	0.15	-0.51	-1.12	0.00	-0.33	-0.61	1.85	-1.59	-30.03619032
1509	0.07	-0.85	1.56	-1.59	-0.33	0.01	-0.94	-0.99	1.37	1.01	-1.90	5.24	-1.48	0.00	0.00	-1.76	-1.21	-0.33	0.00	-0.22	-0.51	-1.42	-0.25	-0.33	-0.61	1.16	-1.07	-37.37562747
1510	0.37	-0.63	1.56	-1.59	-0.33	0.01	-0.94	-0.96	1.37	0.46	-2.06	5.24	-1.48	0.00	0.00	-1.76	-1.22	-0.33	0.00	-0.61	-0.79	-1.46	-0.25	-0.33	-0.61	1.16	-1.07	-38.14352977
1511	0.56	-0.80	1.74	-1.59	-0.33	1.07	-0.94	-1.16	1.41	0.65	-1.76	5.24	-1.46	0.00	0.00	-1.76	-1.18	-0.33	0.00	-0.66	-1.35	-0.15	-0.25	-0.33	-0.61	1.16	-1.07	-33.02770418
1512	0.26	-1.02	1.42	-1.59	-0.33	0.01	-0.94	-1.19	0.51	1.19	-1.49	5.24	-1.80	0.00	0.00	-1.76	-2.13	-0.33	0.00	-0.26	-1.07	-1.29	-0.25	-0.33	-0.61	1.16	-1.07	-45.49802945
1513	-1.02	-0.02	0.64	-1.59	0.71	-0.52	-0.94	-0.72	1.41	2.10	1.32	5.24	-3.02	0.00	0.00	-3.09	-3.95	-0.33	0.00	4.44	-0.51	-1.29	-0.50	-0.33	-0.61	0.46	-0.73	-21.41286343
1514	-0.73	0.20	0.64	-1.59	0.71	-0.52	-0.94	-0.69	1.41	1.56	1.16	5.24	-3.02	0.00	0.00	-3.09	-3.96	-0.33	0.00	4.04	-0.79	-1.33	-0.50	-0.33	-0.61	0.46	-0.73	-22.18076603
1515	-0.53	0.03	0.82	-1.59	0.71	0.54	-0.94	-0.88	1.45	1.74	1.56	5.24	-3.01	0.00	0.00	-3.09	-3.92	-0.33	0.00	4.00	-1.35	-0.02	-0.50	-0.33	-0.61	0.46	-0.73	-17.06494051
1516	-0.83	-0.20	0.50	-1.59	0.71	-0.52	-0.94	-0.92	0.54	2.28	1.72	5.24	-3.35	0.00	0.00	-3.09	-4.87	-0.33	0.00	4.39	-1.07	-1.16	-0.50	-0.33	-0.61	0.46	-0.73	-29.53526595
1517	-0.23	-0.57	1.07	-0.79	0.02	0.27	-0.94	-0.83	1.11	1.01	0.53	-0.94	3.08	0.00	0.00	0.34	0.87	3.02	0.00	0.29	-0.51	0.55	1.76	3.02	1.47	-0.93	-0.81	29.62963965
1518	0.06	-0.34	1.07	-0.79	0.02	0.27	-0.94	-0.80	1.11	0.46	0.37	-0.94	3.08	0.00	0.00	0.34	0.87	3.02	0.00	-0.10	-0.79	0.52	1.76	3.02	1.47	-0.93	-0.81	28.86173705
1519	0.25	-0.51	1.24	-0.79	0.02	1.33	-0.94	-1.00	1.15	0.65	0.78	-0.94	3.10	0.00	0.00	0.34	0.90	3.02	0.00	-0.15	-1.35	1.82	1.76	3.02	1.47	-0.93	-0.81	33.97756276
1520	-0.04	-0.74	0.92	-0.79	0.02	0.27	-0.94	-1.03	0.25	1.19	0.93	-0.94	2.76	0.00	0.00	0.34	-0.05	3.02	0.00	0.25	-1.07	0.69	1.76	3.02	1.47	-0.93	-0.81	21.50723732
1521	0.30	-1.18	0.99	-0.79	0.36	0.27	-0.94	-0.76	0.73	1.74	0.59	-0.94	2.94	0.00	0.00	0.34	0.46	3.02	0.00	0.38	-0.51	0.11	2.01	3.02	1.47	-0.24	-1.36	21.02617333
1522	0.59	-0.95	0.99	-0.79	0.36	0.27	-0.94	-0.73	0.73	1.19	0.43	-0.94	2.94	0.00	0.00	0.34	0.46	3.02	0.00	-0.02	-0.79	0.07	2.01	3.02	1.47	-0.24	-1.36	20.25826868
1523	0.78	-1.12	1.16	-0.79	0.36	1.86	-0.94	-0.93	1.67	1.37	0.84	-0.94	3.29	0.00	0.00	0.34	1.46	3.02	0.00	0.27	-0.79	1.92	2.01	3.02	1.47	-0.24	-1.36	36.47165338
1524	0.49	-1.35	0.84	-0.79	0.36	0.80	-0.94	-0.96	0.77	1.92	1.00	-0.94	2.95	0.00	0.00	0.34	0.50	3.02	0.00	0.66	-0.51	0.78	2.01	3.02	1.47	-0.24	-1.36	24.00132607
1525	-1.49	0.47	0.02	-0.79	-0.33	-0.26	-0.94	-0.96	0.24	0.28	-0.79	-0.94	-0.16	0.00	0.00	0.34	-0.06	-0.33	0.00	0.04	-0.51	0.46	0.00	-0.33	0.43	-0.93	0.14	-13.75770937
1526	-1.19	0.70	0.02	-0.79	-0.33	-0.26	-0.94	-0.93	0.24	-0.26	-0.94	-0.94	-0.16	0.00	0.00	0.34	-0.06	-0.33	0.00	-0.36	-0.79	0.42	0.00	-0.33	0.43	-0.93	0.14	-14.52561402
1527	-1.00	0.52	0.19	-0.79	-0.33	0.80	-0.94	-1.13	0.28	-0.08	-0.54	-0.94	-0.15	0.00	0.00	0.34	-0.02	-0.33	0.00	-0.40	-1.35	1.72	0.00	-0.33	0.43	-0.93	0.14	-9.409786455
1528	-1.29	0.30	-0.13	-0.79	-0.33	-0.26	-0.94	-1.16	-0.63	0.46	-0.38	-0.94	-0.49	0.00	0.00	0.34	-0.98	-0.33	0.00	-0.01	-1.07	0.59	0.00	-0.33	0.43	-0.93	0.14	-21.88011189
1529	-0.96	-0.14	-0.06	-0.79	0.02	-0.26	-0.94	-0.89	-0.14	1.01	-0.72	-0.94	-0.31	0.00	0.00	0.34	-0.46	-0.33	0.00	0.12	-0.51	0.01	0.25	-0.33	0.43	-0.24	-0.41	-22.36117793
1530	-0.66	0.09	-0.06	-0.79	0.02	-0.26	-0.94	-0.86	-0.14	0.46	-0.88	-0.94	-0.31	0.00	0.00	0.34	-0.46	-0.33	0.00	-0.27	-0.79	-0.03	0.25	-0.33	0.43	-0.24	-0.41	-23.12908034
1531	-0.47	-0.08	0.11	-0.79	0.02	1.33	-0.94	-1.06	0.80	0.65	-0.48	-0.94	0.05	0.00	0.00	0.34	0.53	-0.33	0.00	0.01	-0.79	1.82	0.25	-0.33	0.43	-0.24	-0.41	-6.915697875
1532	-0.76	-0.31	-0.20	-0.79	0.02	0.27	-0.94	-1.09	-0.11	1.19	-0.32	-0.94	-0.29	0.00	0.00	0.34	-0.43	-0.33	0.00	0.40	-0.51	0.68	0.25	-0.33	0.43	-0.24	-0.41	-19.38602331
1533	-1.49	0.43	0.12	0.80	-0.33	0.01	-0.94	-0.96	0.32	0.10	-0.79	-0.94	-0.13	0.00	0.00	0.34	0.03	-0.33	0.00	-0.03	-0.51	0.60	0.00	-0.33	0.43	-0.93	0.05	-2.422449202
1534	-1.19	0.66	0.12	0.80	-0.33	0.01	-0.94	-0.93	0.32	-0.44	-0.94	-0.94	-0.13	0.00	0.00	0.34	0.03	-0.33	0.00	-0.43	-0.79	0.56	0.00	-0.33	0.43	-0.93	0.05	-3.1903518
1535	-1.00	0.49	0.29	0.80	-0.33	1.07	-0.94	-1.13	0.36	-0.26	-0.54	-0.94	-0.12	0.00	0.00	0.34	0.07	-0.33	0.00	-0.47	-1.35	1.87	0.00	-0.33	0.43	-0.93	0.05	1.925473714
1536	-1.29	0.26	-0.03	0.80	-0.33	0.01	-0.94	-1.16	-0.55	0.28	-0.38	-0.94	-0.46	0.00	0.00	0.34	-0.89	-0.33	0.00	-0.08	-1.07	0.74	0.00	-0.33	0.43	-0.93	0.05	-10.54485172
1537	-0.96	-0.17	0.04	0.80	0.02	0.01	-0.94	-0.89	-0.06	0.83	-0.72	-0.94	-0.28	0.00	0.00	0.34	-0.38	-0.33	0.00	0.05	-0.51	0.16	0.25	-0.33	0.43	-0.24	-0.50	-11.02591552
1538	-0.66	0.05	0.04	0.80	0.02	0.01	-0.94	-0.86	-0.06	0.28	-0.88	-0.94	-0.28	0.00	0.00	0.34	-0.38	-0.33	0.00	-0.34	-0.79	0.12	0.25	-0.33	0.43	-0.24	-0.50	-11.79382017
1539	-0.47	-0.12	0.22	0.80	0.02	1.60	-0.94	-1.06	0.88	0.46	-0.48	-0.94	0.08	0.00	0.00	0.34	0.62	-0.33	0.00	-0.06	-0.79	1.97	0.25	-0.33	0.43	-0.24	-0.50	4.419564344
1540	-0.76	-0.35	-0.10	0.80	0.02	0.54	-0.94	-1.09	-0.02	1.01	-0.32	-0.94	-0.26	0.00	0.00	0.34	-0.34	-0.33	0.00	0.34	-0.51	0.83	0.25	-0.33	0.43	-0.24	-0.50	-8.050763141
1541	-1.25	-0.24	0.75	0.80	0.02	0.54	-0.94	-0.81	0.85	0.46	-0.91	-0.94	0.06	0.00	0.00	0.34	0.59	-0.33	0.00	0.10	-0.51	0.80	0.00	-0.33	0.43	-0.93	-0.51	-4.03726571
1542	-0.95	-0.02	0.74	0.80	0.02	0.54	-0.94	-0.78	0.85	-0.08	-1.07	-0.94	0.06	0.00	0.00	0.34	0.58	-0.33	0.00	-0.29	-0.79	0.76	0.00	-0.33	0.43	-0.93	-0.51	-4.805168309
1543	-0.76	-0.19	0.92	0.80	0.02	1.60	-0.94	-0.97	0.89	0.10	-0.67	-0.94	0.08	0.00	0.00	0.34	0.62	-0.33	0.00	-0.34	-1.35	2.07	0.00	-0.33	0.43	-0.93	-0.51	0.310659256
1544	-1.06	-0.42	0.60	0.80	0.02	0.54	-0.94	-1.01	-0.02	0.65	-0.51	-0.94	-0.26	0.00	0.00	0.34	-0.33	-0.33	0.00	0.06	-1.07	0.94	0.00	-0.33	0.43	-0.93	-0.51	-12.15966786
1545	-0.72	-0.85	0.67	0.80	0.36	0.54	-0.94	-0.74	0.47	1.19	-0.85	-0.94	-0.08	0.00	0.00	0.34	0.18	-0.33	0.00	0.18	-0.51	0.36	0.25	-0.33	0.43	-0.24	-1.06	-12.64073222
1546	-0.42	-0.63	0.67	0.80	0.36	0.54	-0.94	-0.71	0.46	0.65	-1.01	-0.94	-0.08	0.00	0.00	0.34	0.18	-0.33	0.00	-0.21	-0.79	0.32	0.25	-0.33	0.43	-0.24	-1.06	-13.4086365
1547	-0.23	-0.80	0.84	0.80	0.36	2.13	-0.94	-0.91	1.41	0.83	-0.60	-0.94	0.27	0.00	0.00	0.34	1.17	-0.33	0.00	0.07	-0.79	2.16	0.25	-0.33	0.43	-0.24	-1.06	2.804747836
1548	-0.53	-1.02	0.52	0.80	0.36	1.07	-0.94	-0.94	0.50	1.37	-0.45	-0.94	-0.07	0.00	0.00	0.34	0.22	-0.33	0.00	0.47	-0.51	1.03	0.25	-0.33	0.43	-0.24	-1.06	-9.665579281
1549	-0.48	-1.45	1.98	0.80	2.10	0.54	-0																					

1588	-0.29	-1.44	1.35	0.00	1.75	0.80	-0.94	-0.51	0.66	1.19	-0.55	-0.94	-0.01	0.00	0.00	0.37	0.35	-0.33	0.00	0.92	-1.07	1.55	1.51	-0.33	1.47	0.46	1.17	1.25593552
1589	0.16	-0.80	0.68	1.59	1.06	1.33	-0.94	-0.79	0.67	1.56	-0.93	-0.94	0.00	0.00	0.00	0.37	0.36	-0.33	0.00	0.22	-0.51	0.58	0.75	-0.33	0.43	1.16	-1.15	3.377215213
1590	0.46	-0.57	0.68	1.59	1.06	1.33	-0.94	-0.76	0.67	1.01	-1.09	-0.94	-0.01	0.00	0.00	0.37	0.35	-0.33	0.00	-0.18	-0.79	0.54	0.75	-0.33	0.43	1.16	-1.15	2.609310564
1591	0.65	-0.74	0.85	1.59	1.06	2.92	-0.94	-0.96	1.61	1.19	-0.68	-0.94	0.35	0.00	0.00	0.37	1.35	-0.33	0.00	0.11	-0.79	2.39	0.75	-0.33	0.43	1.16	-1.15	18.82269527
1592	0.36	-0.97	0.53	1.59	1.06	1.86	-0.94	-0.99	0.71	1.74	-0.52	-0.94	0.01	0.00	0.00	0.37	0.39	-0.33	0.00	0.50	-0.51	1.25	0.75	-0.33	0.43	1.16	-1.15	6.352367784
1593	-0.37	-0.22	0.76	0.00	0.02	1.33	-0.94	-0.86	0.99	0.83	-0.99	-0.94	0.12	0.00	0.00	0.37	0.70	-0.33	0.00	0.14	-0.51	0.96	0.50	-0.33	0.43	0.46	-0.63	-0.987069377
1594	-0.07	0.01	0.76	0.00	0.02	1.33	-0.94	-0.83	0.99	0.28	-1.15	-0.94	0.12	0.00	0.00	0.37	0.70	-0.33	0.00	-0.26	-0.79	0.92	0.50	-0.33	0.43	0.46	-0.63	-1.754971609
1595	0.12	-0.17	0.93	0.00	0.02	2.39	-0.94	-1.03	1.03	0.46	-0.74	-0.94	0.13	0.00	0.00	0.37	0.74	-0.33	0.00	-0.30	-1.35	2.22	0.50	-0.33	0.43	0.46	-0.63	3.36085354
1596	-0.17	-0.39	0.61	0.00	0.02	1.33	-0.94	-1.06	0.12	1.01	-0.59	-0.94	-0.21	0.00	0.00	0.37	-0.22	-0.33	0.00	0.09	-1.07	1.09	0.50	-0.33	0.43	0.46	-0.63	-9.109471338
1597	-0.23	-0.46	0.78	-0.79	0.02	0.27	-0.94	-0.83	0.88	0.83	0.12	-0.94	3.00	0.00	0.00	0.37	0.59	3.02	0.00	0.24	-0.51	0.40	1.76	3.02	1.47	-0.93	-0.54	28.75481114
1598	0.06	-0.23	0.78	-0.79	0.02	0.27	-0.94	-0.80	0.88	0.28	-0.03	-0.94	3.00	0.00	0.00	0.37	0.59	3.02	0.00	-0.15	-0.79	0.36	1.76	3.02	1.47	-0.93	-0.54	27.98690667
1599	0.25	-0.41	0.95	-0.79	0.02	1.33	-0.94	-1.00	0.92	0.46	0.37	-0.94	3.01	0.00	0.00	0.37	0.63	3.02	0.00	-0.20	-1.35	1.67	1.76	3.02	1.47	-0.93	-0.54	33.10273423
1600	-0.04	-0.63	0.63	-0.79	0.02	0.27	-0.94	-1.03	0.02	1.01	0.53	-0.94	2.67	0.00	0.00	0.37	-0.33	3.02	0.00	0.20	-1.07	0.54	1.76	3.02	1.47	-0.93	-0.54	20.63240674
1601	0.30	-1.07	0.70	-0.79	0.36	0.27	-0.94	-0.76	0.50	1.56	0.19	-0.94	2.85	0.00	0.00	0.37	0.18	3.02	0.00	0.33	-0.51	-0.04	2.01	3.02	1.47	-0.24	-1.09	20.15134275
1602	0.59	-0.84	0.70	-0.79	0.36	0.27	-0.94	-0.73	0.50	1.01	0.03	-0.94	2.85	0.00	0.00	0.37	0.18	3.02	0.00	-0.07	-0.79	-0.08	2.01	3.02	1.47	-0.24	-1.09	19.38344015
1603	0.78	-1.01	0.88	-0.79	0.36	1.86	-0.94	-0.93	1.44	1.19	0.43	-0.94	3.21	0.00	0.00	0.37	1.18	3.02	0.00	0.22	-0.79	1.77	2.01	3.02	1.47	-0.24	-1.09	35.59682281
1604	0.49	-1.24	0.56	-0.79	0.36	0.80	-0.94	-0.96	0.54	1.74	0.59	-0.94	2.87	0.00	0.00	0.37	0.22	3.02	0.00	0.61	-0.51	0.63	2.01	3.02	1.47	-0.24	-1.09	23.12649737
1605	-1.49	0.58	-0.27	-0.79	-0.33	0.27	-0.94	-0.96	0.01	0.10	-1.19	-0.94	-0.25	0.00	0.00	0.37	-0.34	-0.33	0.00	-0.01	-0.51	0.30	0.00	-0.33	0.43	-0.93	0.40	-13.5838675
1606	-1.19	0.81	-0.27	-0.79	-0.33	0.27	-0.94	-0.93	0.01	-0.44	-1.35	-0.94	-0.25	0.00	0.00	0.37	-0.34	-0.33	0.00	-0.41	-0.79	0.27	0.00	-0.33	0.43	-0.93	0.40	-14.35177198
1607	-1.00	0.63	-0.10	-0.79	-0.33	1.33	-0.94	-1.13	0.05	-0.26	-0.94	-0.94	-0.24	0.00	0.00	0.37	-0.30	-0.33	0.00	-0.45	-1.35	1.57	0.00	-0.33	0.43	-0.93	0.40	-9.235944587
1608	-1.29	0.41	-0.41	-0.79	-0.33	0.27	-0.94	-1.16	-0.86	0.28	-0.79	-0.94	-0.58	0.00	0.00	0.37	-1.26	-0.33	0.00	-0.06	-1.07	0.44	0.00	-0.33	0.43	-0.93	0.40	-21.7062719
1609	-0.96	-0.03	-0.35	-0.79	0.02	0.27	-0.94	-0.89	-0.37	0.83	-1.13	-0.94	-0.39	0.00	0.00	0.37	-0.74	-0.33	0.00	0.07	-0.51	-0.14	0.25	-0.33	0.43	-0.24	-1.05	-22.18733587
1610	-0.66	0.20	-0.35	-0.79	0.02	0.27	-0.94	-0.86	-0.38	0.28	-1.29	-0.94	-0.40	0.00	0.00	0.37	-0.74	-0.33	0.00	-0.32	-0.79	-0.18	0.25	-0.33	0.43	-0.24	-1.05	-22.95524035
1611	-0.47	0.03	-0.17	-0.79	0.02	1.86	-0.94	-1.06	0.57	0.46	-0.88	-0.94	-0.04	0.00	0.00	0.37	0.25	-0.33	0.00	-0.04	-0.79	1.67	0.25	-0.33	0.43	-0.24	-1.05	-6.741858834
1612	-0.76	-0.20	-0.49	-0.79	0.02	0.80	-0.94	-1.09	-0.34	1.01	-0.72	-0.94	-0.38	0.00	0.00	0.37	-0.70	-0.33	0.00	0.35	-0.51	0.53	0.25	-0.33	0.43	-0.24	-1.05	-19.21218108
1613	-1.49	0.54	-0.17	0.80	-0.33	0.54	-0.94	-0.96	0.09	-0.08	-1.19	-0.94	-0.22	0.00	0.00	0.37	-0.25	-0.33	0.00	-0.08	-0.51	0.45	0.00	-0.33	0.43	-0.93	0.31	-2.248607334
1614	-1.19	0.77	-0.17	0.80	-0.33	0.54	-0.94	-0.93	0.09	-0.63	-1.35	-0.94	-0.22	0.00	0.00	0.37	-0.25	-0.33	0.00	-0.48	-0.79	0.41	0.00	-0.33	0.43	-0.93	0.31	-3.016511809
1615	-1.00	0.60	0.00	0.80	-0.33	1.60	-0.94	-1.13	0.13	-0.44	-0.94	-0.94	-0.21	0.00	0.00	0.37	-0.21	-0.33	0.00	-0.52	-1.35	1.72	0.00	-0.33	0.43	-0.93	0.31	2.099315946
1616	-1.29	0.37	-0.31	0.80	-0.33	0.54	-0.94	-1.16	-0.78	0.10	-0.79	-0.94	-0.55	0.00	0.00	0.37	-1.17	-0.33	0.00	-0.13	-1.07	0.58	0.00	-0.33	0.43	-0.93	0.31	-10.37100949
1617	-0.96	-0.06	-0.25	0.80	0.02	0.54	-0.94	-0.89	-0.29	0.65	-1.13	-0.94	-0.36	0.00	0.00	0.37	-0.66	-0.33	0.00	0.00	-0.51	0.00	0.25	-0.33	0.43	-0.24	-0.24	-10.85207553
1618	-0.66	0.16	-0.25	0.80	0.02	0.54	-0.94	-0.86	-0.29	0.10	-1.29	-0.94	-0.36	0.00	0.00	0.37	-0.66	-0.33	0.00	-0.39	-0.79	-0.03	0.25	-0.33	0.43	-0.24	-0.24	-11.61997813
1619	-0.47	-0.01	-0.07	0.80	0.02	2.13	-0.94	-1.06	0.65	0.28	-0.88	-0.94	-0.01	0.00	0.00	0.37	0.34	-0.33	0.00	-0.11	-0.79	1.81	0.25	-0.33	0.43	-0.24	-0.24	4.593404525
1620	-0.76	-0.24	-0.39	0.80	0.02	1.07	-0.94	-1.09	-0.25	0.83	-0.72	-0.94	-0.35	0.00	0.00	0.37	-0.62	-0.33	0.00	0.29	-0.51	0.68	0.25	-0.33	0.43	-0.24	-0.24	-7.87692091
1621	-1.25	-0.13	0.46	0.80	0.02	1.07	-0.94	-0.81	0.62	0.28	-1.32	-0.94	-0.02	0.00	0.00	0.37	0.31	-0.33	0.00	0.05	-0.51	0.65	0.00	-0.33	0.43	-0.93	-0.25	-3.863423841
1622	-0.95	0.09	0.46	0.80	0.02	1.07	-0.94	-0.78	0.62	-0.26	-1.48	-0.94	-0.02	0.00	0.00	0.37	0.30	-0.33	0.00	-0.34	-0.79	0.61	0.00	-0.33	0.43	-0.93	-0.25	-4.631326267
1623	-0.76	-0.08	0.63	0.80	0.02	2.13	-0.94	-0.97	0.65	-0.08	-1.07	-0.94	-0.01	0.00	0.00	0.37	0.34	-0.33	0.00	-0.39	-1.35	1.92	0.00	-0.33	0.43	-0.93	-0.25	0.484499075
1624	-1.06	-0.31	0.31	0.80	0.02	1.07	-0.94	-1.01	-0.25	0.46	-0.91	-0.94	-0.35	0.00	0.00	0.37	-0.61	-0.33	0.00	0.01	-1.07	0.78	0.00	-0.33	0.43	-0.93	-0.25	-11.98582582
1625	-0.72	-0.74	0.38	0.80	0.36	1.07	-0.94	-0.74	0.23	1.01	-1.26	-0.94	-0.17	0.00	0.00	0.37	-0.10	-0.33	0.00	0.13	-0.51	0.20	0.25	-0.33	0.43	-0.24	-0.80	-12.46689221
1626	-0.42	-0.52	0.38	0.80	0.36	1.07	-0.94	-0.71	0.23	0.46	-1.41	-0.94	-0.17	0.00	0.00	0.37	-0.10	-0.33	0.00	-0.26	-0.79	0.17	0.25	-0.33	0.43	-0.24	-0.80	-13.23479427
1627	-0.23	-0.69	0.55	0.80	0.36	2.66	-0.94	-0.91	1.18	0.65	-1.01	-0.94	0.19	0.00	0.00	0.37	0.89	-0.33	0.00	0.02	-0.79	2.01	0.25	-0.33	0.43	-0.24	-0.80	2.978589876
1628	-0.53	-0.91	0.23	0.80	0.36	1.60	-0.94	-0.94	0.27	1.19	-0.85	-0.94	-0.15	0.00	0.00	0.37	-0.06	-0.33	0.00	0.42	-0.51	0.88	0.25	-0.33	0.43	-0.24	-0.80	-9.491737241
1629	-0.48	-1.34	1.70	0.00	2.10	1.07	-0.94	-0.17	1.69	1.01	-1.12	-0.94	0.38	0.00	0.00	0.37	1.44	-0.33	0.00	0.94	-0.51	1.57	1.51	-0.33	1.47	0.46	-1.34	10.4847095
1630	-0.19	-1.12	1.70	0.00	2.10	1.07	-0.94	-0.13	1.69	0.46	-1.28	-0.94	0.38	0.00	0.00	0.37	1.44	-0.33	0.00	0.55	-0.79	1.53	1.51	-0.33	1.47	0.46	-1.34	10.0805663
1631	0.00	-1.29	1.87	0.00	2.10	2.13	-0.94	-0.33	1.73	0.65	-0.87	-0.94	0.39	0.00	0.00	0.37	1.48	-0.33	0.00	0.50	-1.35	2.83	1.51	-0.33	1.47	0.46	-1.34	15.19639386
1632	-0.29	-1.51	1.55	0.00	2.10	1.07	-0.94	-0.36	0.82	1.19	-0.71	-0.94	0.06	0.00	0.00	0.37	0.52	-0.33	0.00	0.90	-1.07	1.70	1.51	-0.33	1.47	0.46	-1.34	2.72606638
1633	0.16	-0.87	0.88	1.59	1.40	1.60	-0.																					

1672	0.02	-1.11	0.60	-0.79	-0.33	1.07	-0.94	-1.15	-0.01	1.37	-0.43	-0.94	-0.26	0.00	0.00	1.11	-1.26	-0.33	0.00	0.42	-1.07	0.30	0.25	-0.33	0.43	-0.25	0.51	26.00194875
1673	0.36	-1.54	0.67	-0.79	0.02	1.07	-0.94	-0.89	0.48	1.92	-0.78	-0.94	-0.08	0.00	0.00	1.11	-0.75	-0.33	0.00	0.54	-0.51	-0.28	0.50	-0.33	0.43	-0.46	-1.06	-26.48301255
1674	0.65	-1.32	0.67	-0.79	0.02	1.07	-0.94	-0.86	0.47	1.37	-0.93	-0.94	-0.08	0.00	0.00	1.11	-0.75	-0.33	0.00	0.15	-0.79	-0.31	0.50	-0.33	0.43	0.46	-1.06	-27.2509172
1675	0.84	-1.49	0.84	-0.79	0.02	2.66	-0.94	-1.05	1.42	1.56	-0.53	-0.94	0.28	0.00	0.00	1.11	0.25	-0.33	0.00	0.43	-0.79	1.53	0.50	-0.33	0.43	0.46	-1.06	-11.03753268
1676	0.55	-1.71	0.52	-0.79	0.02	1.60	-0.94	-1.09	0.51	2.10	-0.37	-0.94	-0.06	0.00	0.00	1.11	-0.71	-0.33	0.00	0.83	-0.51	0.40	0.50	-0.33	0.43	0.46	-1.06	-23.50785999
1677	0.59	-2.14	1.99	-1.59	1.75	1.07	-0.94	-0.31	1.93	1.92	-0.64	-0.94	0.47	0.00	0.00	1.11	0.80	-0.33	0.00	1.35	-0.51	1.09	1.76	-0.33	1.47	1.16	-1.61	-3.167651805
1678	0.89	-1.92	1.99	-1.59	1.75	1.07	-0.94	-0.28	1.93	1.37	-0.80	-0.94	0.47	0.00	0.00	1.11	0.79	-0.33	0.00	0.96	-0.79	1.05	1.76	-0.33	1.47	1.16	-1.61	-3.935554038
1679	1.08	-2.09	2.16	-1.59	1.75	2.13	-0.94	-0.48	1.97	1.56	-0.39	-0.94	0.49	0.00	0.00	1.11	0.83	-0.33	0.00	0.91	-1.35	2.35	1.76	-0.33	1.47	1.16	-1.61	1.180271111
1680	0.78	-2.31	1.84	-1.59	1.75	1.07	-0.94	-0.51	1.07	2.10	-0.23	-0.94	0.15	0.00	0.00	1.11	-0.12	-0.33	0.00	1.31	-1.07	1.22	1.76	-0.33	1.47	1.16	-1.61	-11.29005396
1681	1.24	-1.67	1.17	0.00	1.06	1.60	-0.94	-0.79	1.08	2.46	-0.61	-0.94	0.15	0.00	0.00	1.11	-0.12	-0.33	0.00	0.60	-0.51	0.24	1.01	-0.33	0.43	1.85	-1.59	-9.168434345
1682	1.53	-1.44	1.17	0.00	1.06	1.60	-0.94	-0.76	1.07	1.92	-0.77	-0.94	0.15	0.00	0.00	1.11	-0.12	-0.33	0.00	0.21	-0.79	0.21	1.01	-0.33	0.43	1.85	-1.59	-9.936336945
1683	1.73	-1.62	1.34	0.00	1.06	3.19	-0.94	-0.96	2.02	2.10	-0.36	-0.94	0.50	0.00	0.00	1.11	0.87	-0.33	0.00	0.49	-0.79	2.05	1.01	-0.33	0.43	1.85	-1.59	6.27704571
1684	1.43	-1.84	1.02	0.00	1.06	2.13	-0.94	-0.99	1.11	2.65	-0.21	-0.94	0.16	0.00	0.00	1.11	-0.08	-0.33	0.00	0.89	-0.51	0.92	1.01	-0.33	0.43	1.85	-1.59	-6.193279725
1685	0.71	-1.09	1.25	-1.59	0.02	1.60	-0.94	-0.86	1.40	1.74	-0.67	-0.94	0.27	0.00	0.00	1.11	0.23	-0.33	0.00	0.52	-0.51	0.62	0.75	-0.33	0.43	1.16	-1.07	-13.53271689
1686	1.00	-0.87	1.25	0.00	1.06	1.60	-0.94	-0.83	1.40	1.19	-0.83	-0.94	0.27	0.00	0.00	1.11	0.22	-0.33	0.00	0.13	-0.79	0.58	0.75	-0.33	0.43	1.16	-1.07	-14.30062117
1687	1.20	-1.04	1.42	-1.59	0.02	2.66	-0.94	-1.03	1.43	1.37	-0.43	-0.94	0.28	0.00	0.00	1.11	0.26	-0.33	0.00	0.08	-1.35	1.89	0.75	-0.33	0.43	1.16	-1.07	-9.184793969
1688	0.90	-1.27	1.10	-1.59	0.02	1.60	-0.94	-1.06	0.53	1.92	-0.27	-0.94	-0.06	0.00	0.00	1.11	-0.69	-0.33	0.00	0.48	-1.07	0.76	0.75	-0.33	0.43	1.16	-1.07	-21.65511904
1689	-0.10	0.12	0.47	0.00	-0.68	-0.52	-0.34	0.02	0.33	0.10	1.82	-0.83	2.79	0.00	0.00	-0.70	1.29	3.02	0.00	-0.48	-0.24	-0.64	1.01	3.02	0.95	-1.63	0.02	33.21864375
1690	0.19	0.34	0.47	0.00	-0.68	-0.52	-0.34	0.05	0.33	-0.44	1.67	-0.83	2.79	0.00	0.00	-0.70	1.29	3.02	0.00	-0.88	-0.51	-0.68	1.01	3.02	0.95	-1.63	0.02	32.45074152
1691	0.39	0.17	0.64	0.00	-0.68	0.54	-0.34	-0.15	0.37	-0.26	2.07	-0.83	2.80	0.00	0.00	-0.70	1.33	3.02	0.00	-0.92	-1.07	0.63	1.01	3.02	0.95	-1.63	0.02	37.56656686
1692	0.09	-0.06	0.32	0.00	-0.68	-0.52	-0.34	-0.18	-0.54	0.28	2.23	-0.83	2.46	0.00	0.00	-0.70	0.37	3.02	0.00	-0.53	-0.79	-0.51	1.01	3.02	0.95	-1.63	0.02	25.09624179
1693	0.43	-0.49	0.39	0.00	-0.33	-0.52	-0.34	0.09	-0.05	0.83	1.89	-0.83	2.65	0.00	0.00	-0.70	0.89	3.02	0.00	-0.40	-0.24	-1.08	1.26	3.02	0.95	-0.93	-0.53	24.61517538
1694	0.73	-0.26	0.39	0.00	-0.33	-0.52	-0.34	0.12	-0.06	0.28	1.73	-0.83	2.65	0.00	0.00	-0.70	0.88	3.02	0.00	-0.79	-0.51	-1.12	1.26	3.02	0.95	-0.93	-0.53	23.84727315
1695	0.92	-0.44	0.56	0.00	-0.33	1.07	-0.34	-0.08	0.89	0.46	2.13	-0.83	3.00	0.00	0.00	-0.70	1.88	3.02	0.00	-0.51	-0.51	0.72	1.26	3.02	0.95	-0.93	-0.53	40.06065749
1696	0.62	-0.66	0.24	0.00	-0.33	0.01	-0.34	-0.11	-0.02	1.01	2.29	-0.83	2.66	0.00	0.00	-0.70	0.92	3.02	0.00	-0.11	-0.24	-0.41	1.26	3.02	0.95	-0.93	-0.53	27.59033037
1697	-1.35	1.16	-0.58	0.00	-1.02	-1.05	-0.34	-0.11	-0.54	-0.63	0.51	-0.83	-0.46	0.00	0.00	-0.70	0.37	-0.33	0.00	-0.74	-0.24	-0.74	-0.75	-0.33	-0.09	-1.63	0.97	-10.16870544
1698	-1.06	1.38	-0.58	0.00	-1.02	-1.05	-0.34	-0.08	-0.55	-1.17	0.35	-0.83	-0.46	0.00	0.00	-0.70	0.37	-0.33	0.00	-1.13	-0.51	-0.77	-0.75	-0.33	-0.09	-1.63	0.97	-10.93660972
1699	-0.87	1.21	-0.41	0.00	-1.02	0.01	-0.34	-0.28	-0.51	-0.99	0.76	-0.83	-0.44	0.00	0.00	-0.70	0.40	-0.33	0.00	-1.18	-1.07	0.53	-0.75	-0.33	-0.09	-1.63	0.97	-5.820782523
1700	-1.16	0.98	-0.73	0.00	-1.02	-1.05	-0.34	-0.31	-1.41	-0.44	0.91	-0.83	-0.78	0.00	0.00	-0.70	-0.55	-0.33	0.00	-0.78	-0.79	-0.60	-0.75	-0.33	-0.09	-1.63	0.97	-18.29110759
1701	-0.82	0.55	-0.66	0.00	-0.68	-1.05	-0.34	-0.05	-0.93	0.10	0.57	-0.83	-0.60	0.00	0.00	-0.70	-0.04	-0.33	0.00	-0.65	-0.24	-1.18	-0.50	-0.33	-0.09	-0.93	0.42	-18.772174
1702	-0.53	0.78	-0.66	0.00	-0.68	-1.05	-0.34	-0.01	-0.93	-0.44	0.41	-0.83	-0.60	0.00	0.00	-0.70	-0.04	-0.33	0.00	-1.05	-0.51	-1.22	-0.50	-0.33	-0.09	-0.93	0.42	-19.54007604
1703	-0.34	0.60	-0.49	0.00	-0.68	0.54	-0.34	-0.21	-0.01	-0.26	0.82	-0.83	-0.25	0.00	0.00	-0.70	0.96	-0.33	0.00	-0.76	-0.51	0.63	-0.50	-0.33	-0.09	-0.93	0.42	-3.326693944
1704	-0.63	0.38	-0.81	0.00	-0.68	-0.52	-0.34	-0.24	-0.89	0.28	0.98	-0.83	-0.59	0.00	0.00	-0.70	0.00	-0.33	0.00	-0.37	-0.24	-0.51	-0.50	-0.33	-0.09	-0.93	0.42	-15.79701884
1705	-1.35	1.12	-0.48	1.59	-1.02	-0.79	-0.34	-0.11	-0.46	-0.81	0.51	-0.83	-0.43	0.00	0.00	-0.70	0.45	-0.33	0.00	-0.80	-0.24	-0.59	-0.75	-0.33	-0.09	-1.63	0.88	1.16655473
1706	-1.06	1.35	-0.48	1.59	-1.02	-0.79	-0.34	-0.08	-0.46	-1.35	0.35	-0.83	-0.43	0.00	0.00	-0.70	0.45	-0.33	0.00	-1.20	-0.51	-0.63	-0.75	-0.33	-0.09	-1.63	0.88	0.398652497
1707	-0.87	1.17	-0.31	1.59	-1.02	0.27	-0.34	-0.28	-0.43	-1.17	0.76	-0.83	-0.41	0.00	0.00	-0.70	0.49	-0.33	0.00	-1.24	-1.07	0.68	-0.75	-0.33	-0.09	-1.63	0.88	5.514477646
1708	-1.16	0.95	-0.63	1.59	-1.02	-0.79	-0.34	-0.31	-1.33	-0.63	0.91	-0.83	-0.75	0.00	0.00	-0.70	-0.47	-0.33	0.00	-0.85	-0.79	-0.46	-0.75	-0.33	-0.09	-1.63	0.88	-6.955847422
1709	-0.82	0.51	-0.56	1.59	-0.68	-0.79	-0.34	-0.05	-0.85	-0.08	0.57	-0.83	-0.57	0.00	0.00	-0.70	0.05	-0.33	0.00	-0.72	-0.24	-1.04	-0.50	-0.33	-0.09	-0.93	0.33	-7.436911591
1710	-0.53	0.74	-0.56	1.59	-0.68	-0.79	-0.34	-0.01	-0.85	-0.63	0.41	-0.83	-0.57	0.00	0.00	-0.70	0.05	-0.33	0.00	-1.12	-0.51	-1.07	-0.50	-0.33	-0.09	-0.93	0.33	-8.204815872
1711	-0.34	0.57	-0.39	1.59	-0.68	0.80	-0.34	-0.21	0.10	-0.44	0.82	-0.83	-0.22	0.00	0.00	-0.70	1.04	-0.33	0.00	-0.83	-0.51	0.77	-0.50	-0.33	-0.09	-0.93	0.33	8.008568274
1712	-0.63	0.34	-0.71	1.59	-0.68	-0.26	-0.34	-0.24	-0.81	0.10	0.98	-0.83	-0.56	0.00	0.00	-0.70	0.08	-0.33	0.00	-0.44	-0.24	-0.36	-0.50	-0.33	-0.09	-0.93	0.33	-4.46175867
1713	-1.12	0.44	0.14	1.59	-0.68	-0.26	-0.34	0.04	0.06	-0.44	0.38	-0.83	-0.23	0.00	0.00	-0.70	1.01	-0.33	0.00	-0.67	-0.24	-0.39	-0.75	-0.33	-0.09	-1.63	0.32	-0.448261778
1714	-0.82	0.67	0.14	1.59	-0.68	-0.26	-0.34	0.07	0.06	-0.99	0.22	-0.83	-0.23	0.00	0.00	-0.70	1.01	-0.33	0.00	-1.07	-0.51	-0.43	-0.75	-0.33	-0.09	-1.63	0.32	-1.21616401
1715	-0.63	0.49	0.31	1.59	-0.68	0.80	-0.34	-0.13	0.10	-0.81	0.63	-0.83	-0.22	0.00	0.00	-0.70	1.05	-0.33	0.00	-1.11	-1.07	0.88	-0.75	-0.33	-0.09	-1.63	0.32	3.899661138
1716	-0.92	0.27	0.00	1.59	-0.68	-0.26	-0.34	-0.16	-0.81	-0.26	0.79	-0.83	-0.56	0.00	0.00	-0.70	0.09	-0.33	0.00	-0.72	-0.79	-0.26	-0.75	-0.33	-0.09	-1.63	0.32	-8.570663929
1717	-0.59	-0.17	0.06	1.59	-0.33	-0.26	-0.34																					

1756	-0.39	-0.16	-0.57	1.59	-0.68	0.54	-0.34	-0.24	-0.68	0.28	0.61	-0.83	-0.51	0.00	0.00	-0.67	0.19	-0.33	0.00	-0.33	-0.24	-0.46	-0.50	-0.33	-0.09	-0.93	0.21	7.373205947
1757	-0.35	-0.58	0.90	0.80	1.06	0.01	-0.34	0.54	0.74	0.10	0.34	-0.83	0.03	0.00	0.00	-0.67	1.70	-0.33	0.00	0.19	-0.24	0.23	0.75	-0.33	0.95	-0.24	-0.34	12.967
1758	-0.05	-0.36	0.90	0.80	1.06	0.01	-0.34	0.57	0.74	-0.44	0.18	-0.83	0.03	0.00	0.00	-0.67	1.69	-0.33	0.00	-0.20	-0.51	0.19	0.75	-0.33	0.95	-0.24	-0.34	12.1990974
1759	0.14	-0.53	1.07	0.80	1.06	1.07	-0.34	0.37	0.78	-0.26	0.59	-0.83	0.04	0.00	0.00	-0.67	1.73	-0.33	0.00	-0.25	-1.07	1.50	0.75	-0.33	0.95	-0.24	-0.34	17.31492292
1760	-0.16	-0.76	0.75	0.80	1.06	0.01	-0.34	0.34	-0.13	0.28	0.74	-0.83	-0.30	0.00	0.00	-0.67	0.78	-0.33	0.00	0.15	-0.79	0.36	0.75	-0.33	0.95	-0.24	-0.34	4.844597657
1761	0.30	-0.11	0.08	2.39	0.36	0.54	-0.34	0.06	-0.11	0.65	0.37	-0.83	-0.30	0.00	0.00	-0.67	0.78	-0.33	0.00	-0.56	-0.24	-0.62	0.00	-0.33	-0.09	0.46	-0.33	6.966219144
1762	0.59	0.11	0.08	2.39	0.36	0.54	-0.34	0.09	-0.12	0.10	0.21	-0.83	-0.30	0.00	0.00	-0.67	0.78	-0.33	0.00	-0.95	-0.51	-0.65	0.00	-0.33	-0.09	0.46	-0.33	6.198314495
1763	0.78	-0.06	0.25	2.39	0.36	0.78	-0.34	-0.11	0.83	0.28	0.61	-0.83	0.05	0.00	0.00	-0.67	1.77	-0.33	0.00	-0.67	-0.51	-0.65	0.00	-0.33	-0.09	0.46	-0.33	22.41169937
1764	0.49	-0.28	-0.07	2.39	0.36	1.07	-0.34	-0.14	-0.08	0.83	0.77	-0.83	-0.29	0.00	0.00	-0.67	0.82	-0.33	0.00	-0.27	-0.24	0.06	0.00	-0.33	-0.09	0.46	-0.33	9.941372256
1765	-0.23	0.46	0.16	0.80	-0.68	0.54	-0.34	-0.01	0.21	-0.08	0.30	-0.83	-0.18	0.00	0.00	-0.67	1.13	-0.33	0.00	-0.64	-0.24	-0.24	-0.25	-0.33	-0.09	-0.24	0.20	2.601934922
1766	0.06	0.69	0.15	0.80	-0.68	0.54	-0.34	0.02	0.20	-0.63	0.15	-0.83	-0.18	0.00	0.00	-0.67	1.12	-0.33	0.00	-1.03	-0.51	-0.28	-0.25	-0.33	-0.09	-0.24	0.20	1.834032323
1767	0.25	0.52	0.33	0.80	-0.68	1.60	-0.34	-0.18	0.24	-0.44	0.55	-0.83	-0.16	0.00	0.00	-0.67	1.16	-0.33	0.00	-1.08	-1.07	1.03	-0.25	-0.33	-0.09	-0.24	0.20	6.949857838
1768	-0.04	0.29	0.01	0.80	-0.68	0.54	-0.34	-0.21	-0.66	0.10	0.71	-0.83	-0.50	0.00	0.00	-0.67	0.21	-0.33	0.00	-0.68	-0.79	-0.10	-0.25	-0.33	-0.09	-0.24	0.20	-5.520467597
1769	-0.10	0.23	0.18	0.00	-0.68	-0.52	-0.34	0.02	0.10	-0.08	1.42	-0.83	2.70	0.00	0.00	-0.67	1.01	3.02	0.00	-0.53	-0.24	-0.79	1.01	3.02	0.95	-1.63	0.29	32.34381524
1770	0.19	0.45	0.18	0.00	-0.68	1.26	-0.34	0.05	0.10	-0.63	-0.68	-0.83	2.70	0.00	0.00	-0.67	1.01	3.02	0.00	-0.93	-0.51	-0.83	1.01	3.02	0.95	-1.63	0.29	31.57591096
1771	0.39	0.28	0.35	0.00	-0.68	0.54	-0.34	-0.15	0.14	-0.44	1.67	-0.83	2.72	0.00	0.00	-0.67	1.05	3.02	0.00	-0.97	-1.07	0.48	1.01	3.02	0.95	-1.63	0.29	36.69173816
1772	0.09	0.05	0.03	0.00	-0.68	-0.52	-0.34	-0.18	-0.77	0.10	1.82	-0.83	2.38	0.00	0.00	-0.67	0.09	3.02	0.00	-0.58	-0.79	-0.66	1.01	3.02	0.95	-1.63	0.29	24.22141104
1773	0.43	-0.38	0.10	0.00	-0.33	-0.52	-0.34	0.09	-0.28	0.65	1.48	-0.83	2.56	0.00	0.00	-0.67	0.61	3.02	0.00	-0.45	-0.24	-1.24	1.26	3.02	0.95	-0.93	-0.26	23.74034668
1774	0.73	-0.15	0.10	0.00	-0.33	-0.52	-0.34	0.12	-0.29	0.10	1.32	-0.83	2.56	0.00	0.00	-0.67	0.61	3.02	0.00	-0.84	-0.51	-1.27	1.26	3.02	0.95	-0.93	-0.26	22.97244445
1775	0.92	-0.33	0.27	0.00	-0.33	1.07	-0.34	-0.08	0.66	0.28	1.73	-0.83	2.91	0.00	0.00	-0.67	1.60	3.02	0.00	-0.56	-0.51	0.57	1.26	3.02	0.95	-0.93	-0.26	39.18582674
1776	0.62	-0.55	-0.05	0.00	-0.33	0.01	-0.34	-0.11	-0.25	0.83	1.89	-0.83	2.57	0.00	0.00	-0.67	0.65	3.02	0.00	-0.16	-0.24	-0.56	1.26	3.02	0.95	-0.93	-0.26	26.71550185
1777	-1.35	1.27	-0.87	0.00	-1.02	-0.52	-0.34	-0.11	-0.78	-0.81	0.10	-0.83	-0.54	0.00	0.00	-0.67	0.09	-0.33	0.00	-0.79	-0.24	-0.89	-0.75	-0.33	-0.09	-1.63	1.23	-9.994863399
1778	-1.06	1.49	-0.87	0.00	-1.02	-0.52	-0.34	-0.08	-0.78	-1.35	-0.05	-0.83	-0.55	0.00	0.00	-0.67	0.09	-0.33	0.00	-1.18	-0.51	-0.93	-0.75	-0.33	-0.09	-1.63	1.23	-10.76276768
1779	-0.87	1.32	-0.70	0.00	-1.02	0.54	-0.34	-0.28	-0.74	-1.17	0.35	-0.83	-0.53	0.00	0.00	-0.67	0.12	-0.33	0.00	-1.23	-1.07	0.38	-0.75	-0.33	-0.09	-1.63	1.23	-5.646940482
1780	-1.16	1.09	-1.02	0.00	-1.02	-0.52	-0.34	-0.31	-1.64	-0.63	0.51	-0.83	-0.87	0.00	0.00	-0.67	-0.83	-0.33	0.00	-0.83	-0.79	-0.75	-0.75	-0.33	-0.09	-1.63	1.23	-18.1172676
1781	-0.82	0.66	-0.95	0.00	-0.68	-0.52	-0.34	-0.05	-1.16	-0.08	0.17	-0.83	-0.69	0.00	0.00	-0.67	-0.32	-0.33	0.00	-0.70	-0.24	-1.33	-0.50	-0.33	-0.09	-0.93	0.68	-18.59833177
1782	-0.53	0.88	-0.95	0.00	-0.68	-0.52	-0.34	-0.01	-1.16	-0.63	0.01	-0.83	-0.69	0.00	0.00	-0.67	-0.32	-0.33	0.00	-1.10	-0.51	-1.37	-0.50	-0.33	-0.09	-0.93	0.68	-19.36623605
1783	-0.34	0.71	-0.78	0.00	-0.68	1.07	-0.34	-0.21	-0.22	-0.44	0.41	-0.83	-0.34	0.00	0.00	-0.67	0.68	-0.33	0.00	-0.81	-0.51	0.47	-0.50	-0.33	-0.09	-0.93	0.68	-3.152851903
1784	-0.63	0.49	-1.10	0.00	-0.68	0.01	-0.34	-0.24	-1.12	0.10	0.57	-0.83	-0.68	0.00	0.00	-0.67	-0.28	-0.33	0.00	-0.42	-0.24	-0.66	-0.50	-0.33	-0.09	-0.93	0.68	-15.62317678
1785	-1.35	1.23	-0.77	1.59	-1.02	-0.26	-0.34	-0.11	-0.69	-0.99	0.10	-0.83	-0.51	0.00	0.00	-0.67	0.17	-0.33	0.00	-0.85	-0.24	-0.74	-0.75	-0.33	-0.09	-1.63	1.14	1.34039677
1786	-1.06	1.46	-0.77	1.59	-1.02	-0.26	-0.34	-0.08	-0.70	-1.54	-0.05	-0.83	-0.51	0.00	0.00	-0.67	0.17	-0.33	0.00	-1.25	-0.51	-0.78	-0.75	-0.33	-0.09	-1.63	1.14	0.57249249
1787	-0.87	1.28	-0.60	1.59	-1.02	0.80	-0.34	-0.28	-0.66	-1.35	0.35	-0.83	-0.50	0.00	0.00	-0.67	0.21	-0.33	0.00	-1.29	-1.07	0.53	-0.75	-0.33	-0.09	-1.63	1.14	5.688319687
1788	-1.16	1.06	-0.92	1.59	-1.02	-0.26	-0.34	-0.31	-1.56	-0.81	0.51	-0.83	-0.84	0.00	0.00	-0.67	-0.75	-0.33	0.00	-0.90	-0.79	-0.61	-0.75	-0.33	-0.09	-1.63	1.14	-6.78200519
1789	-0.82	0.62	-0.85	1.59	-0.68	-0.26	-0.34	-0.05	-1.08	-0.26	0.17	-0.83	-0.66	0.00	0.00	-0.67	-0.23	-0.33	0.00	-0.77	-0.24	-1.19	-0.50	-0.33	-0.09	-0.93	0.59	-7.263071599
1790	-0.53	0.85	-0.85	1.59	-0.68	-0.26	-0.34	-0.01	-1.08	-0.81	0.01	-0.83	-0.66	0.00	0.00	-0.67	-0.23	-0.33	0.00	-1.17	-0.51	-1.23	-0.50	-0.33	-0.09	-0.93	0.59	-8.030973831
1791	-0.34	0.68	-0.68	1.59	-0.68	1.33	-0.34	-0.21	-0.13	-0.63	0.41	-0.83	-0.31	0.00	0.00	-0.67	0.76	-0.33	0.00	-0.88	-0.51	0.62	-0.50	-0.33	-0.09	-0.93	0.59	8.182408457
1792	-0.63	0.45	-1.00	1.59	-0.68	0.27	-0.34	-0.24	-1.04	-0.08	0.57	-0.83	-0.64	0.00	0.00	-0.67	-0.19	-0.33	0.00	-0.49	-0.24	-0.51	-0.50	-0.33	-0.09	-0.93	0.59	-4.287916438
1793	-1.12	0.55	-0.15	1.59	-0.68	0.27	-0.34	0.04	-0.17	-0.63	-0.02	-0.83	-0.32	0.00	0.00	-0.67	0.73	-0.33	0.00	-0.72	-0.24	-0.54	-0.75	-0.33	-0.09	-1.63	0.58	-0.274419738
1794	-0.82	0.78	-0.15	1.59	-0.68	0.27	-0.34	0.07	-0.17	-1.17	-0.18	-0.83	-0.32	0.00	0.00	-0.67	0.73	-0.33	0.00	-1.12	-0.51	-0.58	-0.75	-0.33	-0.09	-1.63	0.58	-1.042324018
1795	-0.63	0.60	0.03	1.59	-0.68	1.33	-0.34	-0.13	-0.13	-0.99	0.22	-0.83	-0.30	0.00	0.00	-0.67	0.77	-0.33	0.00	-1.16	-1.07	0.73	-0.75	-0.33	-0.09	-1.63	0.58	4.07350318
1796	-0.92	0.38	-0.29	1.59	-0.68	0.27	-0.34	-0.16	-1.04	-0.44	0.38	-0.83	-0.64	0.00	0.00	-0.67	-0.19	-0.33	0.00	-0.77	-0.79	-0.41	-0.75	-0.33	-0.09	-1.63	0.58	-8.396821888
1797	-0.59	-0.06	-0.23	1.59	-0.33	0.27	-0.34	0.11	-0.55	0.10	0.04	-0.83	-0.46	0.00	0.00	-0.67	0.32	-0.33	0.00	-0.64	-0.24	-0.99	-0.50	-0.33	-0.09	-0.93	0.03	-8.87788774
1798	-0.29	0.17	-0.23	1.59	-0.33	0.27	-0.34	0.14	-0.55	-0.44	-0.12	-0.83	-0.46	0.00	0.00	-0.67	0.32	-0.33	0.00	-1.03	-0.51	-1.03	-0.50	-0.33	-0.09	-0.93	0.03	-9.645790339
1799	-0.10	0.00	-0.05	1.59	-0.33	1.86	-0.34	-0.06	0.39	-0.26	0.29	-0.83	-0.11	0.00	0.00	-0.67	1.32	-0.33	0.00	-0.75	-0.51	0.82	-0.50	-0.33	-0.09	-0.93	0.03	6.567592126
1800	-0.39	-0.23	-0.37	1.59	-0.33	0.80	-0.34	-0.09	-0.51	0.28	0.44	-0.83	-0.45	0.00	0.00	-0.67	0.36	-0.33	0.00	-0.36	-0.24	-0.31	-0.50	-0.33	-0.09	-0.93	0.03	-5.902733309
1801	-0.35	-0.66	1.09	0.80	1.40	0.27	-0.34																					

1840	0.44	-0.35	-0.70	0.00	-1.02	-0.79	-0.34	-0.39	-0.80	0.83	1.05	-0.83	-0.55	0.00	0.08	-0.84	-0.33	0.00	-0.08	-0.24	-0.99	-0.25	-0.33	-0.09	-0.25	0.32	20.40287793	
1841	-0.04	-0.25	0.15	0.00	-1.02	-0.26	-0.34	-0.11	0.07	0.28	0.46	-0.83	-0.23	0.00	0.08	0.08	-0.33	0.00	-0.31	-0.24	-1.02	-0.50	-0.33	-0.09	-0.93	0.32	-15.34068818	
1842	0.25	-0.02	0.14	0.00	-1.02	-0.26	-0.34	-0.07	0.07	-0.26	0.30	-0.83	-0.23	0.00	0.08	0.08	-0.33	0.00	-0.71	-0.51	-1.06	-0.50	-0.33	-0.09	-0.93	0.32	-16.10859041	
1843	0.45	-0.20	0.32	0.00	-1.02	0.80	-0.34	-0.27	0.11	-0.08	0.70	-0.83	-0.21	0.00	0.08	0.12	-0.33	0.00	-0.75	-1.07	0.25	-0.50	-0.33	-0.09	-0.93	0.32	-10.99276527	
1844	0.15	-0.42	0.00	0.00	-1.02	-0.26	-0.34	-0.30	-0.80	0.46	0.86	-0.83	-0.55	0.00	0.08	-0.84	-0.33	0.00	-0.36	-0.79	-0.89	-0.50	-0.33	-0.09	-0.93	0.32	-23.46309033	
1845	0.49	-0.86	0.07	0.00	-0.68	-0.26	-0.34	-0.04	-0.31	1.01	0.52	-0.83	-0.37	0.00	0.08	-0.32	-0.33	0.00	-0.23	-0.24	-1.47	-0.25	-0.33	-0.09	-0.24	-0.23	-23.94415469	
1846	0.78	-0.63	0.07	0.00	-0.68	-0.26	-0.34	-0.01	-0.31	0.46	0.36	-0.83	-0.37	0.00	0.08	-0.33	-0.33	0.00	-0.62	-0.51	-1.50	-0.25	-0.33	-0.09	-0.24	-0.23	-24.71205897	
1847	0.98	-0.80	0.24	0.00	-0.68	1.33	-0.34	-0.21	0.63	0.65	0.77	-0.83	-0.02	0.00	0.08	0.67	-0.33	0.00	-0.34	-0.51	0.34	-0.25	-0.33	-0.09	-0.24	-0.23	-8.498674638	
1848	0.68	-1.03	-0.08	0.00	-0.68	0.27	-0.34	-0.24	-0.27	1.19	0.92	-0.83	-0.36	0.00	0.08	-0.29	-0.33	0.00	0.06	-0.24	-0.79	-0.25	-0.33	-0.09	-0.24	-0.23	-20.96900175	
1849	0.72	-1.46	1.38	-0.79	1.06	-0.26	-0.34	0.54	1.15	1.01	0.66	-0.83	0.18	0.00	0.08	1.22	-0.33	0.00	0.58	-0.24	-0.10	1.01	-0.33	0.95	0.46	-0.78	-0.628793393	
1850	1.02	-1.23	1.38	-0.79	1.06	-0.26	-0.34	0.57	1.15	0.46	0.50	-0.83	0.18	0.00	0.08	1.22	-0.33	0.00	0.18	-0.51	-0.14	1.01	-0.33	0.95	0.46	-0.78	-1.396698042	
1851	1.21	-1.40	1.56	-0.79	1.06	0.80	-0.34	0.37	1.19	0.65	0.90	-0.83	0.19	0.00	0.08	1.26	-0.33	0.00	0.14	-1.07	1.16	1.01	-0.33	0.95	0.46	-0.78	3.719129523	
1852	0.92	-1.63	1.24	-0.79	1.06	-0.26	-0.34	0.34	0.28	1.19	1.06	-0.83	-0.15	0.00	0.08	0.30	-0.33	0.00	0.53	-0.79	0.03	1.01	-0.33	0.95	0.46	-0.78	-8.751195911	
1853	1.37	-0.98	0.56	0.80	0.36	0.27	-0.34	0.06	0.29	1.56	0.68	-0.83	-0.15	0.00	0.08	0.30	-0.33	0.00	-0.17	-0.24	-0.95	0.25	-0.33	-0.09	1.16	-0.76	-6.629576491	
1854	1.67	-0.76	0.56	0.80	0.36	0.27	-0.34	0.09	0.29	1.01	0.36	-0.83	-0.15	0.00	0.08	0.30	-0.33	0.00	-0.56	-0.51	-0.99	0.25	-0.33	-0.09	1.16	-0.76	-7.397478899	
1855	1.86	-0.93	0.74	0.80	0.36	1.86	-0.34	-0.11	1.23	1.19	0.93	-0.83	0.21	0.00	0.08	1.30	-0.33	0.00	-0.28	-0.51	0.86	0.25	-0.33	-0.09	1.16	-0.76	8.815903564	
1856	1.56	-1.16	0.42	0.80	0.36	0.80	-0.34	-0.14	0.33	1.74	1.09	-0.83	-0.13	0.00	0.08	0.34	-0.33	0.00	0.12	-0.24	-0.27	0.25	-0.33	-0.09	1.16	-0.76	-3.654421503	
1857	0.84	-0.41	0.64	-0.79	-0.68	0.27	-0.34	-0.01	0.61	0.83	0.62	-0.83	-0.02	0.00	0.08	0.65	-0.33	0.00	-0.25	-0.24	-0.57	0.00	-0.33	-0.09	0.46	-0.24	-10.99385865	
1858	1.14	-0.18	0.64	-0.79	-0.68	0.27	-0.34	0.02	0.61	0.28	0.46	-0.83	-0.02	0.00	0.08	0.65	-0.33	0.00	-0.65	-0.51	-0.61	0.00	-0.33	-0.09	0.46	-0.24	-11.76176312	
1859	1.33	-0.35	0.82	-0.79	-0.68	1.33	-0.34	-0.18	0.65	0.46	0.87	-0.83	-0.01	0.00	0.08	0.69	-0.33	0.00	-0.69	-1.07	0.70	0.00	-0.33	-0.09	0.46	-0.24	-6.64593573	
1860	1.03	-0.58	0.50	-0.79	-0.68	0.27	-0.34	-0.21	-0.26	1.01	1.03	-0.83	-0.35	0.00	0.08	-0.27	-0.33	0.00	-0.30	-0.79	-0.43	0.00	-0.33	-0.09	0.46	-0.24	-19.11626099	
1861	-0.40	0.35	-0.16	-1.59	-0.68	-0.79	-0.34	0.68	-0.17	0.10	2.43	-0.83	2.60	0.00	0.00	-1.24	1.43	3.02	0.00	-0.50	-0.24	23.51053634	0.43	0.43	1.63	0.59	23.51053634	
1862	-0.10	0.58	-0.16	-1.59	-0.68	-0.79	-0.34	0.71	-0.17	-0.44	2.27	-0.83	2.60	0.00	0.00	-1.24	1.42	3.02	0.00	-0.90	-0.51	-0.86	0.50	3.02	0.43	-1.63	0.59	22.74263223
1863	0.09	0.41	0.02	-1.59	-0.68	0.27	-0.34	0.51	-0.13	-0.26	2.68	-0.83	2.62	0.00	0.00	-1.24	1.46	3.02	0.00	-0.94	-1.07	0.44	0.50	3.02	0.43	-1.63	0.59	27.85845925
1864	-0.21	0.18	-0.30	-1.59	-0.68	-0.79	-0.34	0.48	-1.04	0.28	2.84	-0.83	2.28	0.00	0.00	-1.24	0.51	3.02	0.00	-0.55	-0.79	-0.69	0.50	3.02	0.43	-1.63	0.59	15.38813231
1865	0.13	-0.25	-0.23	-1.59	-0.33	-0.79	-0.34	0.74	-0.55	0.83	2.49	-0.83	2.46	0.00	0.00	-1.24	1.02	3.02	0.00	-0.42	-0.24	-1.27	0.75	3.02	0.43	-0.93	0.04	14.90706796
1866	0.43	-0.03	-0.24	-1.59	-0.33	-0.79	-0.34	0.77	-0.56	0.28	2.34	-0.83	2.46	0.00	0.00	-1.24	1.02	3.02	0.00	-0.81	-0.51	-1.31	0.75	3.02	0.43	-0.93	0.04	14.13916386
1867	0.62	-0.20	-0.06	-1.59	-0.33	0.80	-0.34	0.58	0.39	0.46	2.74	-0.83	2.81	0.00	0.00	-1.24	2.01	3.02	0.00	-0.53	-0.51	0.54	0.75	3.02	0.43	-0.93	0.04	30.35254837
1868	0.33	-0.43	-0.38	-1.59	-0.33	-0.26	-0.34	0.54	-0.52	1.01	2.90	-0.83	2.47	0.00	0.00	-1.24	1.06	3.02	0.00	-0.14	-0.24	-0.60	0.75	3.02	0.43	-0.93	0.04	17.88222294
1869	-1.65	1.39	-1.20	-1.59	-1.02	-1.32	-0.34	0.54	-1.04	-0.63	1.12	-0.83	-0.64	0.00	0.00	-1.24	0.50	-0.33	0.00	-0.76	-0.24	-0.92	-1.25	-0.33	-0.61	-1.63	1.54	-19.87681473
1870	-1.35	1.62	-1.21	-1.59	-1.02	-1.32	-0.34	0.57	-1.05	-1.17	0.96	-0.83	-0.65	0.00	0.00	-1.24	0.50	-0.33	0.00	-1.15	-0.51	-0.96	-1.25	-0.33	-0.61	-1.63	1.54	-20.64471697
1871	-1.16	1.45	-1.03	-1.59	-1.02	-0.26	-0.34	0.38	-1.01	-0.99	1.36	-0.83	-0.38	0.00	0.00	-1.24	0.54	-0.33	0.00	-1.20	-1.07	0.35	-1.25	-0.33	-0.61	-1.63	1.54	-15.52889182
1872	-1.46	1.22	-1.35	-1.59	-1.02	-1.32	-0.34	0.34	-1.91	-0.44	1.52	-0.83	-0.97	0.00	0.00	-1.24	-0.42	-0.33	0.00	-0.80	-0.79	-0.79	-1.25	-0.33	-0.61	-1.63	1.54	-27.99921689
1873	-1.12	0.79	-1.28	-1.59	-0.68	-1.32	-0.34	0.61	-1.43	0.10	1.18	-0.83	-0.79	0.00	0.00	-1.24	0.10	-0.33	0.00	-0.68	-0.24	-1.37	-1.00	-0.33	-0.61	-0.93	0.99	-28.48028125
1874	-0.82	1.01	-1.28	-1.59	-0.68	-1.32	-0.34	0.64	-1.43	-0.44	1.02	-0.83	-0.79	0.00	0.00	-1.24	0.09	-0.33	0.00	-1.07	-0.51	-1.41	-1.00	-0.33	-0.61	-0.93	0.99	-29.24818553
1875	-0.63	0.84	-1.11	-1.59	-0.68	0.27	-0.34	0.44	-0.48	-0.26	1.43	-0.83	-0.44	0.00	0.00	-1.24	1.09	-0.33	0.00	-0.78	-0.51	0.44	-1.00	-0.33	-0.61	-0.93	0.99	-13.03480082
1876	-0.93	0.61	-1.43	-1.59	-0.68	-0.79	-0.34	0.41	-1.39	0.28	1.58	-0.83	-0.78	0.00	0.00	-1.24	0.13	-0.33	0.00	-0.39	-0.24	-0.69	-1.00	-0.33	-0.61	-0.93	0.99	-25.50512831
1877	-1.65	1.36	-1.10	0.00	-1.02	-1.05	-0.34	0.54	-0.96	-0.81	1.12	-0.83	-0.61	0.00	0.00	-1.24	0.59	-0.33	0.00	-0.83	-0.24	-0.78	-1.25	-0.33	-0.61	-1.63	1.45	-8.541552516
1878	-1.35	1.58	-1.11	0.00	-1.02	-1.05	-0.34	0.57	-0.96	-1.35	0.96	-0.83	-0.61	0.00	0.00	-1.24	0.59	-0.33	0.00	-1.22	-0.51	-0.81	-1.25	-0.33	-0.61	-1.63	1.45	-9.309456797
1879	-1.16	1.41	-0.93	0.00	-1.02	0.01	-0.34	0.38	-0.92	-1.17	1.36	-0.83	-0.60	0.00	0.00	-1.24	0.62	-0.33	0.00	-1.27	-1.07	0.49	-1.25	-0.33	-0.61	-1.63	1.45	-4.1936296
1880	-1.46	1.18	-1.25	0.00	-1.02	-1.05	-0.34	0.34	-1.83	-0.63	1.52	-0.83	-0.94	0.00	0.00	-1.24	-0.33	-0.33	0.00	-0.87	-0.79	-0.64	-1.25	-0.33	-0.61	-1.63	1.45	-16.66395672
1881	-1.12	0.75	-1.18	0.00	-0.68	-1.05	-0.34	0.61	-1.34	-0.08	1.18	-0.83	-0.76	0.00	0.00	-1.24	0.18	-0.33	0.00	-0.74	-0.24	-1.22	-1.00	-0.33	-0.61	-0.93	0.90	-17.14502108
1882	-0.82	0.97	-1.18	0.00	-0.68	-1.05	-0.34	0.64	-1.35	-0.63	1.02	-0.83	-0.76	0.00	0.00	-1.24	0.18	-0.33	0.00	-1.14	-0.51	-1.26	-1.00	-0.33	-0.61	-0.93	0.90	-17.91292331
1883	-0.63	0.80	-1.01	0.00	-0.68	0.54	-0.34	0.44	-0.40	-0.44	1.43	-0.83	-0.41	0.00	0.00	-1.24	1.18	-0.33	0.00	-0.85	-0.51	0.59	-1.00	-0.33	-0.61	-0.93	0.90	-1.699540654
1884	-0.93	0.58	-1.33	0.00	-0.68	-0.52	-0.34	0.41	-1.31	0.10	1.58	-0.83	-0.75	0.00	0.00	-1.24	0.22	-0.33	0.00	-0.46	-0.24	-0.55	-1.00	-0.33	-0.61	-0.93	0.90	-14.16986592
1885	-1.41	0.68	-0.48	0.00	-0.68	-0.52	-0.34	0.70	-0.44	-0.44	0.99	-0.83	-0.42	0.00	0.00	-1.24	1.14	-0.33	0.00	-0.69	-0.24	-0.58	-1.25	-0.33	-0.61	-1.63	0.89	

1924	-1.22	0.69	-1.11	0.00	-1.02	-0.79	-0.34	0.35	-1.70	-0.44	1.15	-0.83	-0.89	0.00	0.00	-1.21	-0.23	-0.33	0.00	-0.76	-0.79	-0.74	-1.25	-0.33	-0.61	-1.63	20.63307193	
1925	-0.88	0.25	-1.04	0.00	-0.68	-0.79	-0.34	0.62	-1.21	0.10	0.81	-0.83	-0.71	0.00	0.00	-1.21	0.28	-0.33	0.00	-0.64	-0.24	-1.32	-1.00	-0.33	-0.61	-0.93	21.11413796	
1926	-0.59	0.48	-1.04	0.00	-0.68	-0.79	-0.34	0.65	-1.22	-0.44	0.65	-0.83	-0.71	0.00	0.00	-1.21	0.28	-0.33	0.00	-1.03	-0.51	-1.36	-1.00	-0.33	-0.61	-0.93	21.88204038	
1927	-0.39	0.31	-0.87	0.00	-0.68	0.80	-0.34	0.45	-0.27	-0.26	1.06	-0.83	-0.36	0.00	0.00	-1.21	1.28	-0.33	0.00	-0.75	-0.51	0.49	-1.00	-0.33	-0.61	-0.93	5.668657728	
1928	-0.69	0.08	-1.19	0.00	-0.68	-0.26	-0.34	0.42	-1.18	0.28	1.21	-0.83	-0.70	0.00	0.00	-1.21	0.32	-0.33	0.00	-0.35	-0.24	-0.65	-1.00	-0.33	-0.61	-0.93	18.13898316	
1929	-0.65	-0.35	0.27	-0.79	1.06	-0.79	-0.34	1.19	0.24	0.10	0.95	-0.83	-0.16	0.00	0.00	-1.21	1.83	-0.33	0.00	0.17	-0.24	0.04	0.25	-0.33	0.43	-0.24	2.201224834	
1930	-0.35	-0.12	0.27	-0.79	1.06	-0.79	-0.34	1.22	0.24	-0.44	0.79	-0.83	-0.16	0.00	0.00	-1.21	1.83	-0.33	0.00	-0.22	-0.51	0.00	0.25	-0.33	0.43	-0.24	1.433320186	
1931	-0.16	-0.29	0.45	-0.79	1.06	0.27	-0.34	1.03	0.28	-0.26	1.19	-0.83	-0.15	0.00	0.00	-1.21	1.87	-0.33	0.00	-0.27	-1.07	1.31	0.25	-0.33	0.43	-0.24	6.549147751	
1932	-0.45	-0.52	0.13	-0.79	1.06	-0.79	-0.34	0.99	-0.62	0.28	1.35	-0.83	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	0.13	-0.79	0.18	0.25	-0.33	0.43	-0.24	5.921179176	
1933	0.00	0.13	-0.55	0.80	0.36	-0.26	-0.34	0.71	-0.61	0.65	0.97	-0.83	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	-0.58	-0.24	-0.80	-0.50	-0.33	-0.61	0.46	0.24	3.799558074
1934	0.30	0.35	-0.55	0.80	0.36	-0.26	-0.34	0.74	-0.62	0.10	0.81	-0.83	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	-0.97	-0.51	-0.84	-0.50	-0.33	-0.61	0.46	0.24	4.567462354
1935	0.49	0.18	-0.37	0.80	0.36	1.33	-0.34	0.54	0.33	0.28	1.22	-0.83	-0.13	0.00	0.00	-1.21	1.91	-0.33	0.00	-0.69	-0.51	1.01	-0.50	-0.33	-0.61	0.46	0.24	11.64592198
1936	0.19	-0.05	-0.69	0.80	0.36	0.27	-0.34	0.51	-0.58	0.83	1.38	-0.83	-0.47	0.00	0.00	-1.21	0.95	-0.33	0.00	-0.29	-0.24	-0.13	-0.50	-0.33	-0.61	0.46	0.24	0.824402912
1937	-0.53	0.70	-0.47	-0.79	-0.68	-0.26	-0.34	0.64	-0.29	-0.08	0.91	-0.83	-0.36	0.00	0.00	-1.21	1.26	-0.33	0.00	-0.66	-0.24	-0.42	-0.75	-0.33	-0.61	-0.24	0.77	8.163840246
1938	-0.23	0.93	-0.47	-0.79	-0.68	-0.26	-0.34	0.68	-0.29	-0.68	0.75	-0.83	-0.36	0.00	0.00	-1.21	1.26	-0.33	0.00	-1.05	-0.51	-0.46	-0.75	-0.33	-0.61	-0.24	0.77	8.931744894
1939	-0.04	0.76	-0.29	-0.79	-0.68	0.80	-0.34	0.48	-0.26	-0.44	1.16	-0.83	-0.35	0.00	0.00	-1.21	1.30	-0.33	0.00	-1.10	-1.07	0.85	-0.75	-0.33	-0.61	-0.24	0.77	3.815917329
1940	-0.34	0.53	-0.61	-0.79	-0.68	-0.26	-0.34	0.45	-1.16	0.10	1.32	-0.83	-0.69	0.00	0.00	-1.21	0.34	-0.33	0.00	-0.70	-0.79	-0.29	-0.75	-0.33	-0.61	-0.24	0.77	16.28624426
1941	-0.40	0.46	-0.44	-1.59	-0.68	-1.32	-0.34	0.68	-0.40	-0.08	2.03	-0.83	2.52	0.00	0.00	-1.21	1.15	3.02	0.00	-0.55	-0.24	-0.98	0.50	3.02	0.43	-1.63	0.86	21.57803803
1942	-0.10	0.69	-0.45	-1.59	-0.68	-1.32	-0.34	0.71	-0.40	-0.63	1.87	-0.83	2.52	0.00	0.00	-1.21	1.15	3.02	0.00	-0.95	-0.51	-1.01	0.50	3.02	0.43	-1.63	0.86	20.8101358
1943	0.09	0.52	-0.27	-1.59	-0.68	-0.26	-0.34	0.51	-0.36	-0.44	2.27	-0.83	2.53	0.00	0.00	-1.21	1.19	3.02	0.00	-0.99	-1.07	0.29	0.50	3.02	0.43	-1.63	0.86	25.92596094
1944	-0.21	0.29	-0.59	-1.59	-0.68	-1.32	-0.34	0.48	-1.27	0.10	2.43	-0.83	2.19	0.00	0.00	-1.21	0.23	3.02	0.00	-0.60	-0.79	-0.84	0.50	3.02	0.43	-1.63	0.86	13.45563588
1945	0.13	-0.14	-0.52	-1.59	-0.33	-1.32	-0.34	0.74	-0.78	0.65	2.09	-0.83	2.37	0.00	0.00	-1.21	0.74	3.02	0.00	-0.47	-0.24	-1.42	0.75	3.02	0.43	-0.93	0.30	12.97457152
1946	0.43	0.08	-0.52	-1.59	-0.33	-1.32	-0.34	0.77	-0.79	0.10	1.93	-0.83	2.37	0.00	0.00	-1.21	0.74	3.02	0.00	-0.86	-0.51	-1.46	0.75	3.02	0.43	-0.93	0.30	12.20666724
1947	0.62	-0.09	-0.35	-1.59	-0.33	0.27	-0.34	0.58	0.16	0.28	2.34	-0.83	2.73	0.00	0.00	-1.21	1.74	3.02	0.00	-0.58	-0.51	0.39	0.75	3.02	0.43	-0.93	0.30	28.42005194
1948	0.33	-0.32	-0.67	-1.59	-0.33	-0.79	-0.34	0.54	-0.75	0.83	2.49	-0.83	2.39	0.00	0.00	-1.21	0.78	3.02	0.00	-0.18	-0.24	-0.75	0.75	3.02	0.43	-0.93	0.30	15.94972463
1949	-1.65	1.50	-1.49	-1.59	-1.02	-1.32	-0.34	0.54	-1.27	-0.81	0.71	-0.83	-0.73	0.00	0.00	-1.21	0.22	-0.33	0.00	-0.81	-0.24	-1.07	-1.25	-0.33	-0.61	-1.63	1.80	20.76064062
1950	-1.35	1.73	-1.49	-1.59	-1.02	-1.32	-0.34	0.57	-1.28	-1.35	0.55	-0.83	-0.73	0.00	0.00	-1.21	0.22	-0.33	0.00	-1.20	-0.51	-1.11	-1.25	-0.33	-0.61	-1.63	1.80	21.52854449
1951	-1.16	1.56	-1.32	-1.59	-1.02	-0.26	-0.34	0.38	-1.24	-1.17	0.96	-0.83	-0.72	0.00	0.00	-1.21	0.26	-0.33	0.00	-1.25	-1.07	0.19	-1.25	-0.33	-0.61	-1.63	1.80	16.41271777
1952	-1.46	1.33	-1.64	-1.59	-1.02	-1.32	-0.34	0.34	-2.14	-0.63	1.12	-0.83	-1.06	0.00	0.00	-1.21	-0.70	-0.33	0.00	-0.85	-0.79	-0.94	-1.25	-0.33	-0.61	-1.63	1.80	28.88304277
1953	-1.12	0.90	-1.57	-1.59	-0.68	-1.32	-0.34	0.61	-1.66	-0.08	0.77	-0.83	-0.88	0.00	0.00	-1.21	-0.18	-0.33	0.00	-0.72	-0.24	-1.52	-1.00	-0.33	-0.61	-0.93	1.25	29.36410899
1954	-0.82	1.12	-1.57	-1.59	-0.68	-1.32	-0.34	0.64	-1.66	-0.63	0.62	-0.83	-0.88	0.00	0.00	-1.21	-0.19	-0.33	0.00	-1.12	-0.51	-1.56	-1.00	-0.33	-0.61	-0.93	1.25	30.13201122
1955	-0.63	0.95	-1.40	-1.59	-0.68	0.27	-0.34	0.44	-0.72	-0.44	1.02	-0.83	-0.52	0.00	0.00	-1.21	0.81	-0.33	0.00	-0.83	-0.51	0.29	-1.00	-0.33	-0.61	-0.93	1.25	13.91862856
1956	-0.93	0.72	-1.72	-1.59	-0.68	-0.79	-0.34	0.41	-1.62	0.10	1.18	-0.83	-0.86	0.00	0.00	-1.21	-0.15	-0.33	0.00	-0.44	-0.24	-0.85	-1.00	-0.33	-0.61	-0.93	1.25	26.388954
1957	-1.65	1.47	-1.39	0.00	-1.02	-1.05	-0.34	0.54	-1.19	-0.99	0.71	-0.83	-0.70	0.00	0.00	-1.21	0.31	-0.33	0.00	-0.88	-0.24	-0.93	-1.25	-0.33	-0.61	-1.63	1.71	9.425380447
1958	-1.35	1.69	-1.39	0.00	-1.02	-1.05	-0.34	0.57	-1.19	-1.54	0.55	-0.83	-0.70	0.00	0.00	-1.21	0.31	-0.33	0.00	-1.27	-0.51	-0.97	-1.25	-0.33	-0.61	-1.63	1.71	10.19328268
1959	-1.16	1.52	-1.22	0.00	-1.02	0.01	-0.34	0.38	-1.15	-1.35	0.96	-0.83	-0.69	0.00	0.00	-1.21	0.35	-0.33	0.00	-1.32	-1.07	0.34	-1.25	-0.33	-0.61	-1.63	1.71	5.07745734
1960	-1.46	1.29	-1.54	0.00	-1.02	-1.05	-0.34	0.34	-2.06	-0.81	1.12	-0.83	-1.03	0.00	0.00	-1.21	-0.61	-0.33	0.00	-0.92	-0.79	-0.79	-1.25	-0.33	-0.61	-1.63	1.71	17.54778241
1961	-1.12	0.86	-1.47	0.00	-0.68	-1.05	-0.34	0.61	-1.58	-0.26	0.77	-0.83	-0.85	0.00	0.00	-1.21	-0.10	-0.33	0.00	-0.79	-0.24	-1.37	-1.00	-0.33	-0.61	-0.93	1.16	18.02884677
1962	-0.82	1.08	-1.47	0.00	-0.68	-1.05	-0.34	0.64	-1.58	-0.81	0.62	-0.83	-0.85	0.00	0.00	-1.21	-0.10	-0.33	0.00	-1.19	-0.51	-1.41	-1.00	-0.33	-0.61	-0.93	1.16	18.79675105
1963	-0.63	0.91	-1.30	0.00	-0.68	0.54	-0.34	0.44	-0.63	-0.63	1.02	-0.83	-0.49	0.00	0.00	-1.21	0.90	-0.33	0.00	-0.90	-0.51	0.44	-1.00	-0.33	-0.61	-0.93	1.16	2.583366344
1964	-0.93	0.69	-1.62	0.00	-0.68	-0.52	-0.34	0.41	-1.54	-0.08	1.18	-0.83	-0.83	0.00	0.00	-1.21	-0.06	-0.33	0.00	-0.51	-0.24	-0.70	-1.00	-0.33	-0.61	-0.93	1.16	15.05369366
1965	-1.41	0.79	-0.77	0.00	-0.68	-0.52	-0.34	0.70	-0.67	-0.63	0.58	-0.83	-0.50	0.00	0.00	-1.21	0.86	-0.33	0.00	-0.74	-0.24	-0.73	-1.25	-0.33	-0.61	-1.63	1.15	11.04019659
1966	-1.12	1.01	-0.77	0.00	-0.68	-0.52	-0.34	0.73	-0.67	-1.17	0.43	-0.83	-0.50	0.00	0.00	-1.21	0.86	-0.33	0.00	-1.14	-0.51	-0.77	-1.25	-0.33	-0.61	-1.63	1.15	11.80809919
1967	-0.93	0.84	-0.60	0.00	-0.68	0.54	-0.34	0.53	-0.63	-0.99	0.83	-0.83	-0.49	0.00	0.00	-1.21	0.90	-0.33	0.00	-1.18	-1.07	0.54	-1.25	-0.33	-0.61	-1.63	1.15	6.692271621
1968	-1.22	0.62	-0.92	0.00	-0.68	-0.52	-0.34	0.50	-1.54	-0.44	0.99	-0.83	-0.83	0.00	0.00	-1.21	-0.06	-0.33	0.00	-0.79	-0.79	-0.59	-1.25	-0.33	-0.61	-1.63	1.15	19.16259911
1969	-0.88	0.18	-0.85	0.00	-0.33	-0.52	-0.34	0.76	-1.05	0.10	0.65	-0.83	-0.65	0.00	0.00													

2008	-0.93	-0.35	-0.20	0.80	-0.33	-0.52	-0.34	-0.95	-0.06	-0.26	-0.32	0.43	-0.28	0.00	0.09	-0.07	-0.33	0.00	-0.75	-0.24	-0.37	-0.75	-0.33	-0.09	-1.63	-0.50	25.47357138
2009	-1.41	-0.24	0.65	0.80	-0.33	-0.52	-0.34	-0.67	0.81	-0.81	-0.91	0.43	0.05	0.00	0.09	0.86	-0.33	0.00	-0.99	-0.24	-0.40	-1.00	-0.33	-0.09	-2.33	-0.51	-21.46007468
2010	-1.12	-0.02	0.65	0.80	-0.33	-0.52	-0.34	-0.64	0.81	-1.35	-1.07	0.43	0.05	0.00	0.09	0.85	-0.33	0.00	-1.38	-0.51	-0.43	-1.00	-0.33	-0.09	-2.33	-0.51	-22.22797915
2011	-0.93	-0.19	0.83	0.80	-0.33	0.54	-0.34	-0.84	0.85	-1.17	-0.67	0.43	0.07	0.00	0.09	0.89	-0.33	0.00	-1.43	-1.07	0.87	-1.00	-0.33	-0.09	-2.33	-0.51	-17.11215157
2012	-1.22	-0.42	0.51	0.80	-0.33	-0.52	-0.34	-0.87	-0.05	-0.63	-0.51	0.43	-0.27	0.00	0.09	-0.06	-0.33	0.00	-1.03	-0.79	-0.26	-1.00	-0.33	-0.09	-2.33	-0.51	-29.58247646
2013	-0.88	-0.85	0.57	0.80	0.02	-0.52	-0.34	-0.60	0.43	-0.08	-0.85	0.43	-0.09	0.00	0.09	0.45	-0.33	0.00	-0.90	-0.24	-0.84	-0.75	-0.33	-0.09	-1.63	-1.06	-30.06354287
2014	-0.59	-0.63	0.57	0.80	0.02	-0.52	-0.34	-0.57	0.43	-0.63	-1.01	0.43	-0.09	0.00	0.09	0.45	-0.33	0.00	-1.30	-0.51	-0.88	-0.75	-0.33	-0.09	-1.63	-1.06	-30.83144511
2015	-0.39	-0.80	0.75	0.80	0.02	1.07	-0.34	-0.77	1.37	-0.44	-0.60	0.43	0.26	0.00	0.09	1.44	-0.33	0.00	-1.01	-0.51	0.97	-0.75	-0.33	-0.09	-1.63	-1.06	-14.61806282
2016	-0.69	-1.02	0.43	0.80	0.02	0.01	-0.34	-0.80	0.47	0.10	-0.45	0.43	-0.08	0.00	0.09	0.49	-0.33	0.00	-0.62	-0.24	-0.17	-0.75	-0.33	-0.09	-1.63	-1.06	-27.08838789
2017	-0.65	-1.45	1.89	0.00	1.75	-0.52	-0.34	-0.03	1.89	-0.08	-0.71	0.43	0.46	0.00	0.09	1.99	-0.33	0.00	-0.10	-0.24	0.52	0.50	-0.33	0.95	-0.93	-1.61	-6.748179888
2018	-0.35	-1.23	1.89	0.00	1.75	-0.52	-0.34	0.00	1.89	-0.63	-0.87	0.43	0.46	0.00	0.09	1.99	-0.33	0.00	-0.49	-0.51	0.48	0.50	-0.33	0.95	-0.93	-1.61	-7.516084346
2019	-0.16	-1.40	2.06	0.00	1.75	0.54	-0.34	-0.19	1.93	-0.44	-0.47	0.43	0.47	0.00	0.09	2.03	-0.33	0.00	-0.54	-1.07	1.79	0.50	-0.33	0.95	-0.93	-1.61	-2.400256781
2020	-0.45	-1.62	1.75	0.00	1.75	-0.52	-0.34	-0.23	1.02	0.10	-0.31	0.43	0.13	0.00	0.09	1.07	-0.33	0.00	-0.14	-0.79	0.65	0.50	-0.33	0.95	-0.93	-1.61	-14.87058409
2021	0.00	-0.98	1.07	1.59	1.06	0.01	-0.34	-0.51	1.03	0.46	-0.69	0.43	0.13	0.00	0.09	1.08	-0.33	0.00	-0.84	-0.24	-0.32	-0.25	-0.33	-0.09	-0.24	-1.59	-12.7489628
2022	0.00	-0.75	1.07	1.59	1.06	0.01	-0.34	-0.48	1.03	-0.08	-0.84	0.43	0.13	0.00	0.09	1.08	-0.33	0.00	-1.24	-0.51	-0.36	-0.25	-0.33	-0.09	-0.24	-1.59	-13.51686727
2023	0.49	-0.93	1.24	1.59	1.06	1.60	-0.34	-0.68	1.97	0.10	-0.44	0.43	0.48	0.00	0.09	2.07	-0.33	0.00	-0.95	-0.51	1.49	-0.25	-0.33	-0.09	-0.24	-1.59	2.696517433
2024	0.19	-1.15	0.93	1.59	1.06	0.54	-0.34	-0.71	1.07	0.65	-0.28	0.43	0.14	0.00	0.09	1.12	-0.33	0.00	-0.56	-0.24	0.35	-0.25	-0.33	-0.09	-0.24	-1.59	-9.773809683
2025	-0.53	-0.40	1.15	0.00	0.02	0.01	-0.34	-0.58	1.35	-0.26	-0.75	0.43	0.25	0.00	0.09	1.43	-0.33	0.00	-0.93	-0.24	0.06	-0.50	-0.33	-0.09	-0.93	-1.07	-17.11324702
2026	-0.23	-0.18	1.15	0.00	0.02	0.01	-0.34	-0.54	1.35	-0.81	-0.91	0.43	0.25	0.00	0.09	1.42	-0.33	0.00	-1.32	-0.51	0.02	-0.50	-0.33	-0.09	-0.93	-1.07	-17.88114943
2027	-0.04	-0.35	1.32	0.00	0.02	1.07	-0.34	-0.74	1.39	-0.63	-0.50	0.43	0.27	0.00	0.09	1.46	-0.33	0.00	-1.37	-1.07	1.32	-0.50	-0.33	-0.09	-0.93	-1.07	-12.76532391
2028	-0.34	-0.58	1.00	0.00	0.02	0.01	-0.34	-0.77	0.48	-0.08	-0.34	0.43	-0.07	0.00	0.09	0.51	-0.33	0.00	-0.97	-0.79	0.19	-0.50	-0.33	-0.09	-0.93	-1.07	-25.23564935
2029	-1.65	0.65	-0.56	-0.79	-1.02	-1.58	-0.34	-0.97	-0.19	-1.17	-1.03	0.43	-0.32	0.00	0.11	-0.24	-0.33	0.00	-1.08	-0.24	-1.04	-1.00	-0.33	-0.09	-2.33	0.58	-33.53612037
2030	-1.35	0.88	-0.56	-0.79	-1.02	-1.58	-0.34	-0.94	-0.19	-1.72	-1.19	0.43	-0.32	0.00	0.11	-0.24	-0.33	0.00	-1.47	-0.51	-1.08	-1.00	-0.33	-0.09	-2.33	0.58	-34.30402483
2031	-1.16	0.71	-0.38	-0.79	-1.02	-0.52	-0.34	-1.14	-0.15	-1.54	-0.78	0.43	-0.31	0.00	0.11	-0.20	-0.33	0.00	-1.52	-1.07	0.23	-1.00	-0.33	-0.09	-2.33	0.58	-29.18819727
2032	-1.46	0.48	-0.70	-0.79	-1.02	-1.58	-0.34	-1.17	-1.06	-0.99	-0.62	0.43	-0.65	0.00	0.11	-1.16	-0.33	0.00	-1.12	-0.79	-0.91	-1.00	-0.33	-0.09	-2.33	0.58	-41.65852475
2033	-1.12	0.05	-0.64	-0.79	-1.02	-1.58	-0.34	-0.90	-0.57	-0.44	-0.97	0.43	-0.47	0.00	0.11	-0.64	-0.33	0.00	-0.99	-0.24	-1.49	-0.75	-0.33	-0.09	-1.63	0.03	-42.13958874
2034	-0.82	0.27	-0.64	-0.79	-1.02	-1.58	-0.34	-0.87	-0.57	-0.99	-1.12	0.43	-0.47	0.00	0.11	-0.65	-0.33	0.00	-1.39	-0.51	-1.52	-0.75	-0.33	-0.09	-1.63	0.03	-42.90749339
2035	-0.63	0.10	-0.46	-0.79	-1.02	-1.58	-0.34	-1.07	0.37	-0.81	-0.72	0.43	-0.11	0.00	0.11	0.35	-0.33	0.00	-1.10	-0.51	0.32	-0.75	-0.33	-0.09	-1.63	0.03	-26.69410869
2036	-0.93	-0.13	-0.78	-0.79	-1.02	-1.05	-0.34	-1.10	-0.54	-0.26	-0.68	0.43	-0.45	0.00	0.11	-0.61	-0.33	0.00	-0.71	-0.24	-0.81	-0.75	-0.33	-0.09	-1.63	0.03	-39.16443412
2037	-1.65	0.62	-0.46	0.80	-1.02	-0.79	-0.34	-0.97	-0.11	-1.35	-1.03	0.43	-0.29	0.00	0.11	-0.15	-0.33	0.00	-1.14	-0.24	-0.89	-1.00	-0.33	-0.09	-2.33	0.49	-21.14189082
2038	-1.35	0.84	-0.46	0.80	-1.02	-0.79	-0.34	-0.94	-0.11	-1.90	-1.19	0.43	-0.29	0.00	0.11	-0.15	-0.33	0.00	-1.54	-0.51	-0.93	-1.00	-0.33	-0.09	-2.33	0.49	-21.90979546
2039	-1.16	0.67	-0.28	0.80	-1.02	-0.79	-0.34	-1.14	-0.07	-1.72	-0.78	0.43	-0.28	0.00	0.11	-0.12	-0.33	0.00	-1.58	-1.07	0.37	-1.00	-0.33	-0.09	-2.33	0.49	-16.7939679
2040	-1.46	0.44	-0.60	0.80	-1.02	-0.79	-0.34	-1.17	-0.98	-1.17	-0.62	0.43	-0.62	0.00	0.11	-1.07	-0.33	0.00	-1.19	-0.79	-0.76	-1.00	-0.33	-0.09	-2.33	0.49	-29.26429333
2041	-1.12	0.01	-0.53	0.80	-0.68	-0.79	-0.34	-0.90	-0.49	-0.63	-0.97	0.43	-0.44	0.00	0.11	-0.56	-0.33	0.00	-1.06	-0.24	-1.34	-0.75	-0.33	-0.09	-1.63	-0.06	-29.74535938
2042	-0.82	0.23	-0.54	0.80	-0.68	-0.79	-0.34	-0.87	-0.49	-1.17	-1.12	0.43	-0.44	0.00	0.11	-0.56	-0.33	0.00	-1.46	-0.51	-1.38	-0.75	-0.33	-0.09	-1.63	-0.06	-30.51326197
2043	-0.63	0.06	-0.36	0.80	-0.68	0.80	-0.34	-1.07	0.45	-0.99	-0.68	0.43	-0.08	0.00	0.11	0.44	-0.33	0.00	-1.17	-0.51	0.47	-0.75	-0.33	-0.09	-1.63	-0.06	-14.29987932
2044	-0.93	-0.16	-0.68	0.80	-0.68	-0.26	-0.34	-1.10	-0.45	-0.44	-0.56	0.43	-0.42	0.00	0.11	-0.52	-0.33	0.00	-0.78	-0.24	-0.67	-0.75	-0.33	-0.09	-1.63	-0.06	-26.77020458
2045	-1.41	-0.06	0.17	0.80	-0.68	-0.26	-0.34	-0.82	0.42	-0.99	-1.16	0.43	-0.10	0.00	0.11	0.40	-0.33	0.00	-1.01	-0.24	-0.70	-1.00	-0.33	-0.09	-2.33	-0.07	-22.75670732
2046	-1.12	0.16	0.17	0.80	-0.68	-0.26	-0.34	-0.79	0.42	-1.54	-1.31	0.43	-0.10	0.00	0.11	0.40	-0.33	0.00	-1.41	-0.51	-0.73	-1.00	-0.33	-0.09	-2.33	-0.07	-23.52460992
2047	-0.93	-0.01	0.34	0.80	-0.68	0.80	-0.34	-0.98	0.46	-1.35	-0.91	0.43	-0.08	0.00	0.11	0.44	-0.33	0.00	-1.45	-1.07	0.57	-1.00	-0.33	-0.09	-2.33	-0.07	-18.40878441
2048	-1.22	-0.24	0.02	0.80	-0.68	-0.26	-0.34	-1.01	-0.45	-0.81	-0.75	0.43	-0.42	0.00	0.11	-0.52	-0.33	0.00	-1.06	-0.79	-0.56	-1.00	-0.33	-0.09	-2.33	-0.07	-30.87910984
2049	-0.88	-0.67	0.09	0.80	-0.33	-0.26	-0.34	-0.75	0.04	-0.26	-1.09	0.43	-0.24	0.00	0.11	0.00	-0.33	0.00	-0.93	-0.24	-1.14	-0.75	-0.33	-0.09	-1.63	-0.62	-31.36017588
2050	-0.59	-0.44	0.09	0.80	-0.33	-0.26	-0.34	-0.72	0.03	-0.81	-1.25	0.43	-0.24	0.00	0.11	-0.01	-0.33	0.00	-1.32	-0.51	-1.18	-0.75	-0.33	-0.09	-1.63	-0.62	-32.12807848
2051	-0.39	-0.62	0.26	0.80	-0.33	1.33	-0.34	-0.92	0.98	-0.63	-0.85	0.43	0.11	0.00	0.11	0.99	-0.33	0.00	-1.04	-0.51	0.67	-0.75	-0.33	-0.09	-1.63	-0.62	-15.91469378
2052	-0.69	-0.84	-0.06	0.80	-0.33	0.27	-0.34	-0.95	0.07	-0.08	-0.69	0.43	-0.23	0.00	0.11	0.03	-0.33	0.00	-0.64	-0.24	-0.47	-0.75	-0.33	-0.09	-1.63	-0.62	-28.38502072
2053	-0.65	-1.27	1.41	0.00	1.40	-0.26	-0.34	-0.17	1.49	-0.26	-0.96	0.43	0.31	0.00	0.11	1.54	-0.33	0.00	-0.12	-0.24	0.22	0.50	-0.33	0.95	-0.93	-1.17	-8.044812901
2054	-0.35	-1.04	1.41	0.00	1.40	-0.26	-0.34	-0.14	1.49	-0.81	-1.11	0.43	0.31	0.00	0.11	1.54	-0.33	0.00	-0.52	-0.51	0.18	0.					

2092	-1.22	-0.31	0.22	0.80	-0.33	0.01	-0.34	-0.87	-0.29	-0.81	-0.91	0.43	-0.36	0.00	0.11	-0.34	-0.33	0.00	-1.08	-0.79	-0.42	-1.00	-0.33	-0.09	-2.23	0.25	29.40863647
2093	-0.88	-0.74	0.29	0.80	0.02	0.01	-0.34	-0.60	0.20	-0.26	-1.26	0.43	-0.18	0.00	0.11	0.17	-0.33	0.00	-0.95	-0.24	-1.00	-0.75	-0.33	-0.09	-1.63	-0.80	-29.88970101
2094	-0.59	-0.52	0.28	0.80	0.02	0.01	-0.34	-0.57	0.20	-0.81	-1.41	0.43	-0.18	0.00	0.11	0.17	-0.33	0.00	-1.35	-0.51	-1.03	-0.75	-0.33	-0.09	-1.63	-0.80	-30.65760511
2095	-0.39	-0.69	0.46	0.80	0.02	1.60	-0.34	-0.77	1.14	-0.63	-1.01	0.43	0.17	0.00	0.11	1.16	-0.33	0.00	-1.06	-0.51	0.81	-0.75	-0.33	-0.09	-1.63	-0.80	-14.44422078
2096	-0.69	-0.91	0.14	0.80	0.02	0.54	-0.34	-0.80	0.24	-0.08	-0.85	0.43	-0.17	0.00	0.11	0.21	-0.33	0.00	-0.67	-0.24	-0.32	-0.75	-0.33	-0.09	-1.63	-0.80	-26.91454585
2097	-0.65	-1.34	1.60	0.00	1.75	0.01	-0.34	-0.03	1.66	-0.26	-1.12	0.43	0.37	0.00	0.11	1.72	-0.33	0.00	-0.15	-0.24	0.37	0.50	-0.33	0.95	-0.93	-1.34	-6.574339706
2098	-0.35	-1.12	1.60	0.00	1.75	0.01	-0.34	0.00	1.66	-0.81	-1.28	0.43	0.37	0.00	0.11	1.71	-0.33	0.00	-0.54	-0.51	0.33	0.50	-0.33	0.95	-0.93	-1.34	-7.342242305
2099	-0.16	-1.29	1.78	0.00	1.75	1.07	-0.34	-0.19	1.70	-0.63	-0.87	0.43	0.38	0.00	0.11	1.75	-0.33	0.00	-0.59	-1.07	1.64	0.50	-0.33	0.95	-0.93	-1.34	-2.22641679
2100	-0.45	-1.51	1.46	0.00	1.75	0.01	-0.34	-0.23	0.79	-0.08	-0.71	0.43	0.04	0.00	0.11	0.80	-0.33	0.00	-0.19	-0.79	0.50	0.50	-0.33	0.95	-0.93	-1.34	-14.69674222
2101	0.00	-0.87	0.78	1.59	1.06	0.54	-0.34	-0.51	0.80	0.28	-1.09	0.43	0.04	0.00	0.11	0.80	-0.33	0.00	-0.89	-0.24	-0.48	-0.25	-0.33	-0.09	-0.24	-1.33	-12.5751228
2102	0.30	-0.64	0.78	1.59	1.06	0.54	-0.34	-0.48	0.80	-0.26	-1.25	0.43	0.04	0.00	0.11	0.80	-0.33	0.00	-1.29	-0.51	-0.51	-0.25	-0.33	-0.09	-0.24	-1.33	-13.34302521
2103	0.49	-0.82	0.96	1.59	1.06	2.13	-0.34	-0.68	1.74	-0.08	-0.84	0.43	0.40	0.00	0.11	1.79	-0.33	0.00	-1.00	-0.51	1.33	-0.25	-0.33	-0.09	-0.24	-1.33	2.870357252
2104	0.19	-1.04	0.64	1.59	1.06	1.07	-0.34	-0.71	0.84	0.46	-0.69	0.43	0.06	0.00	0.11	0.84	-0.33	0.00	-0.61	-0.24	0.20	-0.25	-0.33	-0.09	-0.24	-1.33	-9.599967643
2105	-0.53	-0.29	0.86	0.00	0.02	0.54	-0.34	-0.58	1.12	-0.44	-1.15	0.43	0.17	0.00	0.11	1.15	-0.33	0.00	-0.98	-0.24	-0.10	-0.50	-0.33	-0.09	-0.93	-0.81	-16.93940479
2106	-0.23	-0.07	0.86	0.00	0.02	0.54	-0.34	-0.54	1.12	-0.99	-1.31	0.43	0.17	0.00	0.11	1.14	-0.33	0.00	-1.37	-0.51	-0.14	-0.50	-0.33	-0.09	-0.93	-0.81	-17.70730944
2107	-0.04	-0.24	1.03	0.00	0.02	1.60	-0.34	-0.74	1.16	-0.81	-0.91	0.43	0.18	0.00	0.11	1.18	-0.33	0.00	-1.42	-1.07	1.17	-0.50	-0.33	-0.09	-0.93	-0.81	-12.59148187
2108	-0.34	-0.47	0.71	0.00	0.02	0.54	-0.34	-0.77	0.25	-0.26	-0.75	0.43	-0.16	0.00	0.11	0.23	-0.33	0.00	-1.02	-0.79	0.04	-0.50	-0.33	-0.09	-0.93	-0.81	-25.0618073
2109	-0.50	-0.94	0.66	-0.79	-0.68	-0.52	-0.34	-0.82	0.83	-1.17	-1.74	0.43	0.06	0.00	1.21	-0.48	-0.33	0.00	-1.20	-0.24	-2.22	-0.75	-0.33	-0.09	-1.63	-0.51	-46.91509565
2110	-0.20	-0.71	0.66	-0.79	-0.68	-0.52	-0.34	-0.79	0.83	-1.72	-1.90	0.43	0.06	0.00	1.21	-0.48	-0.33	0.00	-1.59	-0.51	-2.26	-0.75	-0.33	-0.09	-1.63	-0.51	-47.68299825
2111	-0.01	-0.88	0.83	-0.79	-0.68	0.54	-0.34	-0.98	0.87	-1.54	-1.50	0.43	0.07	0.00	1.21	-0.44	-0.33	0.00	-1.64	-1.07	-0.95	-0.75	-0.33	-0.09	-1.63	-0.51	-42.56717273
2112	-0.30	-1.11	0.51	-0.79	-0.68	-0.52	-0.34	-1.01	-0.03	-0.99	-1.34	0.43	-0.27	0.00	1.21	-1.40	-0.33	0.00	-1.24	-0.79	-2.09	-0.75	-0.33	-0.09	-1.63	-0.51	-55.03749817
2113	0.03	-1.54	0.58	-0.79	-0.33	-0.52	-0.34	-0.75	0.45	-0.44	-1.68	0.43	-0.08	0.00	1.21	-0.88	-0.33	0.00	-1.11	-0.24	-2.67	-0.50	-0.33	-0.09	-1.63	-1.06	-55.51856216
2114	0.33	-1.32	0.58	-0.79	-0.33	-0.52	-0.34	-0.72	0.45	-0.99	-1.84	0.43	-0.08	0.00	1.21	-0.89	-0.33	0.00	-1.51	-0.51	-2.70	-0.50	-0.33	-0.09	-1.63	-1.06	-56.28646662
2115	0.52	-1.49	0.75	-0.79	-0.33	1.07	-0.34	-0.92	1.39	-0.81	-1.43	0.43	0.27	0.00	1.21	0.11	-0.33	0.00	-1.22	-0.51	-0.86	-0.50	-0.33	-0.09	-1.63	-1.06	-40.0730821
2116	0.23	-1.71	0.43	-0.79	-0.33	0.01	-0.34	-0.95	0.49	-0.26	-1.28	0.43	-0.07	0.00	1.21	-0.85	-0.33	0.00	-0.83	-0.24	-1.99	-0.50	-0.33	-0.09	-1.63	-1.06	-52.54340922
2117	0.27	-2.14	1.90	-1.59	1.40	0.01	-0.34	-0.17	1.91	-0.44	-1.54	0.43	0.46	0.00	1.21	0.66	-0.33	0.00	-0.31	-0.24	-1.31	0.75	-0.33	0.95	-0.24	-1.61	-31.15726275
2118	0.57	-1.92	1.90	-1.59	1.40	0.01	-0.34	-0.14	1.91	-0.99	-1.70	0.43	0.46	0.00	1.21	0.66	-0.33	0.00	-0.70	-0.51	-1.34	0.75	-0.33	0.95	-0.24	-1.61	-31.92516704
2119	0.76	-2.09	2.07	-1.59	1.40	1.07	-0.34	-0.34	1.95	-0.81	-1.30	0.43	0.48	0.00	1.21	0.70	-0.33	0.00	-0.75	-1.07	-0.04	0.75	-0.33	0.95	-0.24	-1.61	-26.80933984
2120	0.46	-2.31	1.75	-1.59	1.40	0.01	-0.34	-0.37	1.04	-0.26	-1.14	0.43	0.14	0.00	1.21	-0.26	-0.33	0.00	-0.35	-0.79	-1.17	0.75	-0.33	0.95	-0.24	-1.61	-39.27966473
2121	0.92	-1.67	1.08	0.00	0.71	0.54	-0.34	-0.66	1.05	0.10	-1.52	0.43	0.14	0.00	1.21	-0.26	-0.33	0.00	-1.05	-0.24	-2.15	0.00	-0.33	-0.09	0.46	-1.59	-37.15804529
2122	1.21	-1.44	1.08	0.00	0.71	0.54	-0.34	-0.62	1.05	-0.44	-1.67	0.43	0.14	0.00	1.21	-0.26	-0.33	0.00	-1.45	-0.51	-2.19	0.00	-0.33	-0.09	0.46	-1.59	-37.92594772
2123	1.40	-1.62	1.25	0.00	0.71	2.13	-0.34	-0.82	1.99	-0.26	-1.27	0.43	0.49	0.00	1.21	0.74	-0.33	0.00	-1.16	-0.51	-0.34	0.00	-0.33	-0.09	0.46	-1.59	-21.71256507
2124	1.11	-1.84	0.93	0.00	0.71	1.07	-0.34	-0.85	1.09	0.28	-1.11	0.43	0.15	0.00	1.21	-0.22	-0.33	0.00	-0.77	-0.24	-1.47	0.00	-0.33	-0.09	0.46	-1.59	-34.1828905
2125	0.39	-1.09	1.16	-1.59	-0.33	0.54	-0.34	-0.72	1.37	-0.63	-1.58	0.43	0.26	0.00	1.21	0.09	-0.33	0.00	-1.14	-0.24	-1.77	-0.25	-0.33	-0.09	-0.24	-1.07	-41.52232747
2126	0.68	-0.87	1.16	-1.59	-0.33	0.54	-0.34	-0.69	1.37	-1.17	-1.74	0.43	0.26	0.00	1.21	0.09	-0.33	0.00	-1.53	-0.51	-1.81	-0.25	-0.33	-0.09	-0.24	-1.07	-42.29023212
2127	0.87	-1.04	1.33	-1.59	-0.33	1.60	-0.34	-0.89	1.41	-0.99	-1.33	0.43	0.28	0.00	1.21	0.13	-0.33	0.00	-1.58	-1.07	-0.50	-0.25	-0.33	-0.09	-0.24	-1.07	-37.17440455
2128	0.58	-1.27	1.01	-1.59	-0.33	0.54	-0.34	-0.92	0.50	-0.44	-1.17	0.43	-0.06	0.00	1.21	-0.83	-0.33	0.00	-1.18	-0.79	-1.64	-0.25	-0.33	-0.09	-0.24	-1.07	-49.64473204
2129	-0.58	-0.26	0.03	-0.79	-1.02	-1.05	-0.34	-0.97	0.30	-0.44	-0.71	0.43	-0.14	0.00	0.86	-0.63	-0.33	0.00	-0.76	-0.24	-1.23	-0.75	-0.33	-0.09	-1.63	0.05	-34.73623137
2130	-0.28	-0.03	0.03	-0.79	-1.02	-1.05	-0.34	-0.94	0.30	-0.99	-0.87	0.43	-0.14	0.00	0.86	-0.63	-0.33	0.00	-1.15	-0.51	-1.26	-0.75	-0.33	-0.09	-1.63	0.05	-35.50413584
2131	-0.09	-0.20	0.20	-0.79	-1.02	0.01	-0.34	-1.14	0.34	-0.81	-0.46	0.43	-0.13	0.00	0.86	-0.59	-0.33	0.00	-1.20	-1.07	0.04	-0.75	-0.33	-0.09	-1.63	0.05	-30.38830845
2132	-0.38	-0.43	-0.12	-0.79	-1.02	-1.05	-0.34	-1.17	-0.57	-0.26	-0.31	0.43	-0.47	0.00	0.86	-1.55	-0.33	0.00	-0.80	-0.79	-1.09	-0.75	-0.33	-0.09	-1.63	0.05	-42.85863576
2133	-0.04	-0.86	-0.05	-0.79	-0.68	-1.05	-0.34	-0.90	-0.08	0.28	-0.65	0.43	-0.28	0.00	0.86	-1.03	-0.33	0.00	-0.68	-0.24	-1.67	-0.50	-0.33	-0.09	-1.63	-0.50	-43.33969974
2134	0.25	-0.64	-0.05	-0.79	-0.68	-1.05	-0.34	-0.87	-0.09	-0.26	-0.81	0.43	-0.29	0.00	0.86	-1.03	-0.33	0.00	-1.07	-0.51	-1.71	-0.50	-0.33	-0.09	-1.63	-0.50	-44.10760216
2135	0.44	-0.81	0.13	-0.79	-0.68	0.54	-0.34	-1.07	0.86	-0.08	-0.40	0.43	0.07	0.00	0.86	-0.04	-0.33	0.00	-0.79	-0.51	0.14	-0.50	-0.33	-0.09	-1.63	-0.50	-27.89421951
2136	0.15	-1.04	-0.19	-0.79	-0.68	-0.52	-0.34	-1.10	-0.05	0.46	-0.24	0.43	-0.27	0.00	0.86	-0.99	-0.33	0.00	-0.39	-0.24	-1.00	-0.50	-0.33	-0.09	-1.63	-0.50	-40.36454495
2137	-0.34	-0.94	0.66	-0.79	-0.68	0.01	-0.34	-0.82	0.82	-0.08	-0.84	0.43	0.06	0.00	0.86	-0.07	-0.33	0.00	-0.63	-0.24	-1.03	-0.75	-0.33	-0.09	-1.63	-0.51	-35.30235483
2138	-0.04	-0.71	0.66	-0.79	-0.68	0.01	-0.34	-0.79	0.82	-0.63	-1.00	0.43	0.06	0.00	0.86	-0.07	-0.33	0.00	-1.02	-0.51	-1.07	-0.75					

2176	-1.10	0.26	-0.04	0.80	-1.72	0.01	-0.80	-0.79	-0.58	-0.08	-0.38	0.03	-0.47	0.00	0.00	1.11	-1.86	-0.33	0.00	-0.53	-0.79	0.62	-0.25	-0.33	0.43	-1.63	0.05	10.84579813
2177	-0.77	-0.17	0.03	0.80	-1.37	0.01	-0.80	-0.53	-0.09	0.46	-0.72	0.03	-0.29	0.00	0.00	1.11	-1.34	-0.33	0.00	-0.40	-0.24	0.04	0.00	-0.33	0.43	-0.93	-0.50	-11.32686266
2178	-0.47	0.05	0.03	0.80	-1.37	0.01	-0.80	-0.50	-0.09	-0.08	-0.88	0.03	-0.29	0.00	0.00	1.11	-1.35	-0.33	0.00	-0.79	-0.51	0.00	0.00	-0.33	0.43	-0.93	-0.50	-12.09476658
2179	-0.28	-0.12	0.20	0.80	-1.37	1.60	-0.80	-0.69	0.85	0.10	-0.48	0.03	0.06	0.00	0.00	1.11	-0.35	-0.33	0.00	-0.51	-0.51	1.85	0.00	-0.33	0.43	-0.93	-0.50	4.118617568
2180	-0.57	-0.35	-0.12	0.80	-1.37	0.54	-0.80	-0.73	-0.05	0.65	-0.32	0.03	-0.28	0.00	0.00	1.11	-1.31	-0.33	0.00	-0.11	-0.24	0.71	0.00	-0.33	0.43	-0.93	-0.50	-8.351709549
2181	-1.06	-0.24	0.73	0.80	-1.37	0.54	-0.80	-0.44	0.82	0.10	-0.91	0.03	0.05	0.00	0.00	1.11	-0.38	-0.33	0.00	-0.35	-0.24	0.68	-0.25	-0.33	0.43	-1.63	-0.51	-4.338212658
2182	-0.76	-0.02	0.73	0.80	-1.37	0.54	-0.80	-0.41	0.82	-0.44	-1.07	0.03	0.05	0.00	0.00	1.11	-0.38	-0.33	0.00	-0.74	-0.51	0.65	-0.25	-0.33	0.43	-1.63	-0.51	-5.106114717
2183	-0.57	-0.19	0.91	0.80	-1.37	1.60	-0.80	-0.61	0.85	-0.26	-1.37	0.03	0.07	0.00	0.00	1.11	-0.34	-0.33	0.00	-0.79	-1.07	1.95	-0.25	-0.33	0.43	-1.63	-0.51	0.009710258
2184	-0.87	-0.42	0.59	0.80	-1.37	0.54	-0.80	-0.64	-0.05	0.28	-0.51	0.03	-0.27	0.00	0.00	1.11	-1.30	-0.33	0.00	-0.39	-0.79	0.82	-0.25	-0.33	0.43	-1.63	-0.51	-12.46061464
2185	-0.53	-0.85	0.66	0.80	-1.02	0.54	-0.80	-0.38	0.43	0.83	-0.85	0.03	-0.09	0.00	0.00	1.11	-0.79	-0.33	0.00	-0.27	-0.24	0.24	0.00	-0.33	0.43	-0.93	-1.06	-12.9416788
2186	-0.23	-0.63	0.66	0.80	-1.02	0.54	-0.80	-0.34	0.43	0.28	-1.01	0.03	-0.09	0.00	0.00	1.11	-0.79	-0.33	0.00	-0.66	-0.51	0.20	0.00	-0.33	0.43	-0.93	-1.06	-13.70958328
2187	-0.04	-0.80	0.83	0.80	-1.02	2.13	-0.80	-0.54	1.38	0.46	-0.60	0.03	0.26	0.00	0.00	1.11	0.21	-0.33	0.00	-0.37	-0.51	2.05	0.00	-0.33	0.43	-0.93	-1.06	2.503801428
2188	-0.34	-1.02	0.51	0.80	-1.02	1.07	-0.80	-0.57	0.47	1.01	-0.45	0.03	-0.08	0.00	0.00	1.11	-0.75	-0.33	0.00	0.02	-0.24	0.91	0.00	-0.33	0.43	-0.93	-1.06	-9.966526057
2189	-0.29	-1.45	1.97	0.00	0.71	0.54	-0.80	0.20	1.89	0.83	-0.71	0.03	0.46	0.00	0.00	1.11	0.76	-0.33	0.00	0.54	-0.24	1.60	1.26	-0.33	1.47	-0.24	-1.61	10.37368213
2190	0.00	-1.23	1.97	0.00	0.71	0.54	-0.80	0.23	1.89	0.83	-0.87	0.03	0.46	0.00	0.00	1.11	0.75	-0.33	0.00	0.15	-0.51	1.56	1.26	-0.33	1.47	-0.24	-1.61	9.605777483
2191	0.19	-1.40	2.15	0.00	0.71	1.60	-0.80	0.03	1.93	0.46	-0.47	0.03	0.47	0.00	0.00	1.11	0.79	-0.33	0.00	0.10	-1.07	2.87	1.26	-0.33	1.47	-0.24	-1.61	14.72160505
2192	-0.10	-1.62	1.83	0.00	0.71	0.54	-0.80	0.00	1.02	1.01	-0.31	0.03	0.13	0.00	0.00	1.11	-0.16	-0.33	0.00	0.50	-0.79	1.73	1.26	-0.33	1.47	-0.24	-1.61	2.251279981
2193	0.35	-0.98	1.15	1.59	0.02	1.07	-0.80	-0.28	1.04	1.37	-0.69	0.03	0.13	0.00	0.00	1.11	-0.16	-0.33	0.00	-0.21	-0.24	0.76	0.50	-0.33	0.43	0.46	-1.59	4.372899224
2194	0.65	-0.75	1.15	1.59	0.02	1.07	-0.80	-0.25	1.03	0.83	-0.84	0.03	0.13	0.00	0.00	1.11	-0.16	-0.33	0.00	-0.60	-0.51	0.72	0.50	-0.33	0.43	0.46	-1.59	3.604996993
2195	0.84	-0.93	1.33	1.59	0.02	2.66	-0.80	-0.45	1.98	1.01	-0.44	0.03	0.48	0.00	0.00	1.11	0.83	-0.33	0.00	-0.32	-0.51	2.57	0.50	-0.33	0.43	0.46	-1.59	19.81837909
2196	0.55	-1.15	1.01	1.59	0.02	1.60	-0.80	-0.48	1.07	1.56	-0.28	0.03	0.15	0.00	0.00	1.11	-0.12	-0.33	0.00	0.08	-0.24	1.43	0.50	-0.33	0.43	0.46	-1.59	7.348054386
2197	-0.18	-0.40	1.23	0.00	-1.02	1.07	-0.80	-0.35	1.36	0.65	-0.75	0.03	0.26	0.00	0.00	1.11	0.19	-0.33	0.00	-0.29	-0.24	1.14	0.25	-0.33	0.43	-0.24	-1.07	0.008617052
2198	0.12	-0.18	1.23	0.00	-1.02	1.07	-0.80	-0.32	1.35	0.10	-0.91	0.03	0.25	0.00	0.00	1.11	0.19	-0.33	0.00	-0.68	-0.51	1.10	0.25	-0.33	0.43	-0.24	-1.07	-0.759287229
2199	0.31	-0.35	1.40	0.00	-1.02	2.13	-0.80	-0.51	1.39	0.28	-0.50	0.03	0.27	0.00	0.00	1.11	0.22	-0.33	0.00	-0.73	-1.07	2.40	0.25	-0.33	0.43	-0.24	-1.07	4.356539967
2200	0.02	-0.58	1.09	0.00	-1.02	1.07	-0.80	-0.55	0.49	0.83	-0.34	0.03	-0.07	0.00	0.00	1.11	-0.73	-0.33	0.00	-0.33	-0.79	1.27	0.25	-0.33	0.43	-0.24	-1.07	-8.1137851
2201	-1.30	0.65	-0.47	-0.79	-2.06	-0.52	-0.80	-0.74	-0.19	-0.26	-1.03	0.03	-0.32	0.00	0.00	1.14	-1.48	-0.33	0.00	-0.44	-0.24	0.04	-0.25	-0.33	0.43	-1.63	0.58	-16.41425835
2202	-1.00	0.88	-0.48	-0.79	-2.06	-0.52	-0.80	-0.71	-0.19	-0.81	-1.19	0.03	-0.32	0.00	0.00	1.14	-1.48	-0.33	0.00	-0.83	-0.51	0.00	-0.25	-0.33	0.43	-1.63	0.58	-17.182163
2203	-0.81	0.71	-0.30	-0.79	-2.06	0.54	-0.80	-0.91	-0.15	-0.63	-0.78	0.03	-0.31	0.00	0.00	1.14	-1.44	-0.33	0.00	-0.88	-1.07	1.31	-0.25	-0.33	0.43	-1.63	0.58	-12.06633544
2204	-1.10	0.48	-0.62	-0.79	-2.06	-0.52	-0.80	-0.94	-1.05	-0.08	-0.62	0.03	-0.65	0.00	0.00	1.14	-2.40	-0.33	0.00	-0.48	-0.79	0.17	-0.25	-0.33	0.43	-1.63	0.58	-24.53666087
2205	-0.77	0.05	-0.55	-0.79	-1.72	-0.52	-0.80	-0.67	-0.57	0.46	-0.97	0.03	-0.47	0.00	0.00	1.14	-1.88	-0.33	0.00	-0.35	-0.24	-0.41	0.00	-0.33	0.43	-0.93	0.03	-25.01772691
2206	-0.47	0.27	-0.55	-0.79	-1.72	-0.52	-0.80	-0.64	-0.57	-0.08	-1.12	0.03	-0.47	0.00	0.00	1.14	-1.88	-0.33	0.00	-0.75	-0.51	-0.44	0.00	-0.33	0.43	-0.93	0.03	-25.78562951
2207	-0.28	0.10	-0.38	-0.79	-1.72	1.07	-0.80	-0.84	0.37	0.10	-0.72	0.03	-0.11	0.00	0.00	1.14	-0.89	-0.33	0.00	-0.46	-0.51	1.40	0.00	-0.33	0.43	-0.93	0.03	-9.572246859
2208	-0.57	-0.13	-0.70	-0.79	-1.72	0.01	-0.80	-0.87	-0.53	0.65	-0.56	0.03	-0.45	0.00	0.00	1.14	-1.84	-0.33	0.00	-0.07	-0.24	0.27	0.00	-0.33	0.43	-0.93	0.03	-22.04257193
2209	-1.30	0.62	-0.37	0.80	-2.06	0.27	-0.80	-0.74	-0.10	-0.44	-1.03	0.03	-0.29	0.00	0.00	1.14	-1.39	-0.33	0.00	-0.51	-0.24	0.19	-0.25	-0.33	0.43	-1.63	0.49	-4.020206937
2210	-1.00	0.84	-0.37	0.80	-2.06	0.27	-0.80	-0.71	-0.11	-0.99	-1.19	0.03	-0.29	0.00	0.00	1.14	-1.39	-0.33	0.00	-0.90	-0.51	0.15	-0.25	-0.33	0.43	-1.63	0.49	-4.787931586
2211	-0.81	0.67	-0.20	0.80	-2.06	1.33	-0.80	-0.91	-0.07	-0.81	-0.78	0.03	-0.28	0.00	0.00	1.14	-1.35	-0.33	0.00	-0.95	-1.07	1.46	-0.25	-0.33	0.43	-1.63	0.49	0.327895979
2212	-1.10	0.44	-0.52	0.80	-2.06	0.27	-0.80	-0.94	-0.97	-0.26	-0.62	0.03	-0.62	0.00	0.00	1.14	-2.31	-0.33	0.00	-0.55	-0.79	0.32	-0.25	-0.33	0.43	-1.63	0.49	-12.14243132
2213	-0.77	0.01	-0.45	0.80	-1.72	0.27	-0.80	-0.67	-0.49	0.28	-0.97	0.03	-0.44	0.00	0.00	1.14	-1.80	-0.33	0.00	-0.42	-0.24	-0.26	0.00	-0.33	0.43	-0.93	-0.06	-12.62349531
2214	-0.47	0.23	-0.45	0.80	-1.72	0.27	-0.80	-0.64	-0.49	-0.26	-1.12	0.03	-0.44	0.00	0.00	1.14	-1.80	-0.33	0.00	-0.82	-0.51	-0.30	0.00	-0.33	0.43	-0.93	-0.06	-13.39139996
2215	-0.28	0.06	-0.28	0.80	-1.72	1.86	-0.80	-0.84	0.46	-0.08	-0.72	0.03	-0.08	0.00	0.00	1.14	-0.80	-0.33	0.00	-0.53	-0.51	1.55	0.00	-0.33	0.43	-0.93	-0.06	2.821984749
2216	-0.57	-0.16	-0.60	0.80	-1.72	0.80	-0.80	-0.87	-0.45	0.46	-0.56	0.03	-0.42	0.00	0.00	1.14	-1.76	-0.33	0.00	-0.14	-0.24	0.42	0.00	-0.33	0.43	-0.93	-0.06	-9.648340146
2217	-1.06	-0.06	0.25	0.80	-1.72	0.80	-0.80	-0.59	0.42	-0.08	-1.16	0.03	-0.10	0.00	0.00	1.14	-0.83	-0.33	0.00	-0.37	-0.24	0.39	-0.25	-0.33	0.43	-1.63	-0.07	-5.634843444
2218	-0.76	0.16	0.25	0.80	-1.72	0.80	-0.80	-0.56	0.42	-0.63	-1.31	0.03	-0.10	0.00	0.00	1.14	-0.84	-0.33	0.00	-0.77	-0.51	0.35	-0.25	-0.33	0.43	-1.63	-0.07	-6.402747726
2219	-0.57	-0.01	0.42	0.80	-1.72	1.86	-0.80	-0.75	0.46	-0.44	-0.91	0.03	-0.08	0.00	0.00	1.14	-0.80	-0.33	0.00	-0.81	-1.07	1.65	-0.25	-0.33	0.43	-1.63	-0.07	-1.286920528
2220	-0.87	-0.24	0.10	0.80	-1.72	0.80	-0.80	-0.79	-0.45	0.10	-0.75	0.03	-0.42	0.00	0.00	1.14	-1.75	-0.33	0.00	-0.42	-0.79	0.52	-0.25	-0.33	0.43	-1.63	-0.07	-13.75724765
2221	-0.53	-0.67	0.17	0.80	-1.37	0.80	-0.																					

2260	-0.57	-0.24	-0.40	0.80	-1.37	1.07	-0.80	-0.73	-0.29	0.46	-0.72	0.03	-0.36	0.00	0.00	1.14	-1.58	-0.33	0.00	-0.16	-0.24	0.56	0.00	-0.33	0.43	-0.93	0.24	8.177867318
2261	-1.06	-0.13	0.45	0.80	-1.37	1.07	-0.80	-0.44	0.59	-0.08	-1.32	0.03	-0.03	0.00	0.00	1.14	-0.66	-0.33	0.00	-0.40	-0.24	0.53	-0.25	-0.33	0.43	-1.63	-0.25	4.164370617
2262	-0.76	0.09	0.45	0.80	-1.37	1.07	-0.80	-0.41	0.58	-0.63	-1.48	0.03	-0.03	0.00	0.00	1.14	-0.66	-0.33	0.00	-0.79	-0.51	0.49	-0.25	-0.33	0.43	-1.63	-0.25	4.932274898
2263	-0.57	-0.08	0.62	0.80	-1.37	2.13	-0.80	-0.61	0.62	-0.44	-1.07	0.03	-0.02	0.00	0.00	1.14	-0.62	-0.33	0.00	-0.84	-1.07	1.80	-0.25	-0.33	0.43	-1.63	-0.25	0.183552299
2264	-0.87	-0.31	0.30	0.80	-1.37	1.07	-0.80	-0.64	-0.28	0.10	-0.91	0.03	-0.36	0.00	0.00	1.14	-1.58	-0.33	0.00	-0.44	-0.79	0.67	-0.25	-0.33	0.43	-1.63	-0.25	12.2867726
2265	-0.53	-0.74	0.37	0.80	-1.02	1.07	-0.80	-0.38	0.20	0.65	-1.26	0.03	-0.18	0.00	0.00	1.14	-1.07	-0.33	0.00	-0.31	-0.24	0.09	0.00	-0.33	0.43	-0.93	-0.80	12.76783881
2266	-0.23	-0.52	0.37	0.80	-1.02	1.07	-0.80	-0.34	0.20	0.10	-1.41	0.03	-0.18	0.00	0.00	1.14	-1.07	-0.33	0.00	-0.71	-0.51	0.05	0.00	-0.33	0.43	-0.93	-0.80	13.53574122
2267	-0.04	-0.69	0.54	0.80	-1.02	2.66	-0.80	-0.54	1.14	0.28	-1.01	0.03	0.17	0.00	0.00	1.14	-0.07	-0.33	0.00	-0.42	-0.51	1.89	0.00	-0.33	0.43	-0.93	-0.80	2.677641246
2268	-0.34	-0.91	0.22	0.80	-1.02	1.60	-0.80	-0.57	0.24	0.83	-0.85	0.03	-0.17	0.00	0.00	1.14	-1.03	-0.33	0.00	-0.03	-0.24	0.76	0.00	-0.33	0.43	-0.93	-0.80	9.792684016
2269	-0.29	-1.34	1.69	0.00	0.71	1.07	-0.80	0.20	1.66	0.65	-1.12	0.03	0.37	0.00	0.00	1.14	0.48	-0.33	0.00	0.49	-0.24	1.45	1.26	-0.33	1.47	-0.24	-1.34	10.54752417
2270	0.00	-1.12	1.68	0.00	0.71	1.07	-0.80	0.23	1.66	0.10	-1.28	0.03	0.37	0.00	0.00	1.14	0.48	-0.33	0.00	0.10	-0.51	1.41	1.26	-0.33	1.47	-0.24	-1.34	9.779619525
2271	0.19	-1.29	1.86	0.00	0.71	2.13	-0.80	0.03	1.70	0.28	-0.87	0.03	0.38	0.00	0.00	1.14	0.51	-0.33	0.00	0.05	-1.07	2.72	1.26	-0.33	1.47	-0.24	-1.34	14.89544709
2272	-0.10	-1.51	1.54	0.00	0.71	1.07	-0.80	0.00	0.79	0.83	-0.71	0.03	0.04	0.00	0.00	1.14	-0.44	-0.33	0.00	0.45	-0.79	1.58	1.26	-0.33	1.47	-0.24	-1.34	2.425119972
2273	0.35	-0.87	0.87	1.59	0.02	1.60	-0.80	-0.28	0.80	1.19	-1.09	0.03	0.04	0.00	0.00	1.14	-0.44	-0.33	0.00	-0.25	-0.24	0.61	0.50	-0.33	0.43	0.46	-1.33	4.546741265
2274	0.65	-0.64	0.86	1.59	0.02	1.60	-0.80	-0.25	0.80	0.65	-1.25	0.03	0.04	0.00	0.00	1.14	-0.44	-0.33	0.00	-0.65	-0.51	0.57	0.50	-0.33	0.43	0.46	-1.33	3.778836984
2275	0.84	-0.82	1.04	1.59	0.02	3.19	-0.80	-0.45	1.75	0.83	-0.84	0.03	0.40	0.00	0.00	1.14	0.56	-0.33	0.00	-0.36	-0.51	2.41	0.50	-0.33	0.43	0.46	-1.33	19.99222132
2276	0.55	-1.04	0.72	1.59	0.02	2.13	-0.80	-0.48	0.84	1.37	-0.69	0.03	0.06	0.00	0.00	1.14	-0.40	-0.33	0.00	0.03	-0.24	1.28	0.50	-0.33	0.43	0.46	-1.33	7.521896426
2277	-0.18	-0.29	0.94	0.00	-1.02	1.60	-0.80	-0.35	1.13	0.46	-1.15	0.03	0.17	0.00	0.00	1.14	-0.09	-0.33	0.00	-0.34	-0.24	0.98	0.25	-0.33	0.43	-0.24	-0.81	0.182459093
2278	0.12	-0.07	0.94	0.00	-1.02	1.60	-0.80	-0.32	1.12	-0.08	-1.31	0.03	0.17	0.00	0.00	1.14	-0.09	-0.33	0.00	-0.73	-0.51	0.95	0.25	-0.33	0.43	-0.24	-0.81	0.585445189
2279	0.31	-0.24	1.12	0.00	-1.02	2.66	-0.80	-0.51	1.16	0.10	-0.91	0.03	0.18	0.00	0.00	1.14	-0.05	-0.33	0.00	-0.78	-1.07	2.25	0.25	-0.33	0.43	-0.24	-0.81	4.530382009
2280	0.02	-0.47	0.80	0.00	-1.02	1.60	-0.80	-0.55	0.26	0.65	-0.75	0.03	-0.16	0.00	0.00	1.14	-1.01	-0.33	0.00	-0.38	-0.79	1.12	0.25	-0.33	0.43	-0.24	-0.81	7.939945108
2281	-0.14	-0.94	0.74	-0.79	-1.72	0.54	-0.80	-0.59	0.84	-0.26	-1.74	0.03	0.06	0.00	0.00	2.23	-1.71	-0.33	0.00	-0.56	-0.24	-1.14	0.00	-0.33	0.43	-0.93	-0.51	29.79323177
2282	0.15	-0.71	0.74	-0.79	-1.72	0.54	-0.80	-0.56	0.84	-0.81	-1.90	0.03	0.06	0.00	0.00	2.23	-1.72	-0.33	0.00	-0.95	-0.51	-1.18	0.00	-0.33	0.43	-0.93	-0.51	30.56113586
2283	0.35	-0.88	0.91	-0.79	-1.72	1.60	-0.80	-0.75	0.88	-0.63	-1.50	0.03	0.07	0.00	0.00	2.23	-1.68	-0.33	0.00	-1.00	-1.07	0.13	0.00	-0.33	0.43	-0.93	-0.51	25.44530866
2284	0.05	-1.11	0.60	-0.79	-1.72	0.54	-0.80	-0.79	-0.03	-0.08	-1.34	0.03	-0.27	0.00	0.00	2.23	-2.64	-0.33	0.00	-0.60	-0.79	-1.00	0.00	-0.33	0.43	-0.93	-0.51	37.91563578
2285	0.39	-1.54	0.66	-0.79	-1.37	0.54	-0.80	-0.52	0.45	0.46	-1.68	0.03	-0.08	0.00	0.00	2.23	-2.12	-0.33	0.00	-0.48	-0.24	-1.58	0.25	-0.33	0.43	-0.24	-1.06	38.39670014
2286	0.68	-1.32	0.66	-0.79	-1.37	0.54	-0.80	-0.49	0.45	-0.08	-1.84	0.03	-0.08	0.00	0.00	2.23	-2.12	-0.33	0.00	-0.87	-0.51	-1.62	0.25	-0.33	0.43	-0.24	-1.06	39.16460442
2287	0.88	-1.49	0.84	-0.79	-1.37	2.13	-0.80	-0.69	1.40	0.10	-1.43	0.03	0.27	0.00	0.00	2.23	-1.13	-0.33	0.00	-0.59	-0.51	0.22	0.25	-0.33	0.43	-0.24	-1.06	22.95122008
2288	0.58	-1.71	0.52	-0.79	-1.37	1.07	-0.80	-0.72	0.49	0.65	-1.28	0.03	-0.07	0.00	0.00	2.23	-2.08	-0.33	0.00	-0.19	-0.24	-0.91	0.25	-0.33	0.43	-0.24	-1.06	35.42154515
2289	0.62	-2.14	1.98	-1.59	0.36	1.07	-0.80	0.05	1.91	0.46	-1.54	0.03	0.46	0.00	0.00	2.23	-0.58	-0.33	0.00	0.33	-0.24	-0.22	1.51	-0.33	1.47	0.46	-1.61	14.03540056
2290	0.92	-1.92	1.98	-1.59	0.36	1.07	-0.80	0.09	1.91	-0.08	-1.70	0.03	0.46	0.00	0.00	2.23	-0.58	-0.33	0.00	-0.06	-0.51	-0.26	1.51	-0.33	1.47	0.46	-1.61	14.80330297
2291	1.11	-2.09	2.15	-1.59	0.36	2.13	-0.80	-0.11	1.95	0.10	-1.30	0.03	0.48	0.00	0.00	2.23	-0.54	-0.33	0.00	-0.11	-1.07	1.04	1.51	-0.33	1.47	0.46	-1.61	9.687477451
2292	0.82	-2.31	1.83	-1.59	0.36	1.07	-0.80	-0.14	1.05	0.65	-1.14	0.03	0.14	0.00	0.00	2.23	-1.50	-0.33	0.00	0.29	-0.79	-0.09	1.51	-0.33	1.47	0.46	-1.61	22.15780289
2293	1.27	-1.67	1.16	0.00	-0.33	1.60	-0.80	-0.43	1.06	1.01	-1.52	0.03	0.14	0.00	0.00	2.23	-1.49	-0.33	0.00	-0.42	-0.24	-1.07	0.75	-0.33	0.43	1.16	-1.59	20.03618142
2294	1.57	-1.44	1.16	0.00	-0.33	1.60	-0.80	-0.40	1.05	0.46	-1.67	0.03	0.14	0.00	0.00	2.23	-1.50	-0.33	0.00	-0.81	-0.51	-1.11	0.75	-0.33	0.43	1.16	-1.59	20.80408607
2295	1.76	-1.62	1.33	0.00	-0.33	3.19	-0.80	-0.59	2.00	0.65	-1.27	0.03	0.49	0.00	0.00	2.23	-0.50	-0.33	0.00	-0.53	-0.51	0.74	0.75	-0.33	0.43	1.16	-1.59	4.59070136
2296	1.46	-1.84	1.01	0.00	-0.33	2.13	-0.80	-0.62	1.09	1.19	-1.11	0.03	0.15	0.00	0.00	2.23	-1.46	-0.33	0.00	-0.13	-0.24	-0.39	0.75	-0.33	0.43	1.16	-1.59	17.0610283
2297	0.74	-1.09	1.24	-1.59	-1.37	1.60	-0.80	-0.49	1.38	0.28	-1.58	0.03	0.26	0.00	0.00	2.23	-1.15	-0.33	0.00	-0.50	-0.24	-0.69	0.50	-0.33	0.43	0.46	-1.07	24.40046564
2298	1.04	-0.87	1.24	-1.59	-1.37	1.60	-0.80	-0.46	1.37	-0.26	-1.74	0.03	0.26	0.00	0.00	2.23	-1.15	-0.33	0.00	-0.89	-0.51	-0.73	0.50	-0.33	0.43	0.46	-1.07	25.16836805
2299	1.23	-1.04	1.41	-1.59	-1.37	2.66	-0.80	-0.66	1.41	-0.08	-1.33	0.03	0.28	0.00	0.00	2.23	-1.11	-0.33	0.00	-0.94	-1.07	0.58	0.50	-0.33	0.43	0.46	-1.07	20.05254253
2300	0.93	-1.27	1.09	-1.59	-1.37	1.60	-0.80	-0.69	0.51	0.46	-1.17	0.03	-0.06	0.00	0.00	2.23	-2.07	-0.33	0.00	-0.54	-0.79	-0.56	0.50	-0.33	0.43	0.46	-1.07	32.52286797
2301	-0.22	-0.26	0.11	-0.79	-2.06	0.01	-0.80	-0.74	0.30	0.46	-0.71	0.03	-0.14	0.00	0.00	1.88	-1.86	-0.33	0.00	-0.12	-0.24	-0.14	0.00	-0.33	0.43	-0.93	0.05	17.61436935
2302	0.07	-0.03	0.11	-0.79	-2.06	0.01	-0.80	-0.71	0.30	-0.08	-0.87	0.03	-0.14	0.00	0.00	1.88	-1.87	-0.33	0.00	-0.51	-0.51	-0.18	0.00	-0.33	0.43	-0.93	0.05	18.38227195
2303	0.27	-0.20	0.29	-0.79	-2.06	1.07	-0.80	-0.91	0.34	0.10	-0.46	0.03	-0.13	0.00	0.00	1.88	-1.83	-0.33	0.00	-0.56	-1.07	1.12	0.00	-0.33	0.43	-0.93	0.05	13.26644643
2304	-0.03	-0.43	-0.03	-0.79	-2.06	0.01	-0.80	-0.94	-0.57	0.65	-0.31	0.03	-0.47	0.00	0.00	1.88	-2.78	-0.33	0.00	-0.16	-0.79	-0.01	0.00	-0.33	0.43	-0.93	0.05	25.7367717
2305	0.31	-0.86	0.04	-0.79	-1.72	0.01	-0																					

2344	-0.63	0.38	-0.80	0.00	-0.68	-0.52	1.56	-0.57	-0.88	-0.08	0.98	-0.83	-0.58	0.00	0.00	-0.70	0.01	-0.33	0.00	-0.45	1.71	-0.54	-0.25	-0.33	-0.09	-0.25	0.42	10.77471012	
2345	-1.35	1.12	-0.48	1.59	-1.02	-0.79	1.56	-0.43	-0.45	-1.17	0.51	-0.83	-0.42	0.00	0.00	-0.70	0.47	-0.33	0.00	-0.89	1.71	-0.62	-0.50	-0.33	-0.09	-0.93	0.88	6.18886345	
2346	-1.06	1.35	-0.48	1.59	-1.02	-0.79	1.56	-0.40	-0.45	-1.72	0.35	-0.83	-0.42	0.00	0.00	-0.70	0.46	-0.33	0.00	-1.28	1.43	-0.66	-0.50	-0.33	-0.09	-0.93	0.88	5.420958801	
2347	-0.87	1.17	-0.31	1.59	-1.02	0.27	1.56	-0.60	-0.41	-1.54	0.76	-0.83	-0.41	0.00	0.00	-0.70	0.50	-0.33	0.00	-1.33	0.87	0.65	-0.50	-0.33	-0.09	-0.93	0.88	10.53678637	
2348	-1.16	0.95	-0.63	1.59	-1.02	-0.79	1.56	-0.63	-1.32	-0.99	0.91	-0.83	-0.75	0.00	0.00	-0.70	-0.83	-0.45	-0.33	0.00	-0.93	1.15	-0.49	-0.50	-0.33	-0.09	-0.93	0.88	-1.933538528
2349	-0.82	0.51	-0.56	1.59	-0.68	-0.79	1.56	-0.37	-0.83	-0.44	0.57	-0.83	-0.57	0.00	0.00	-0.70	0.06	-0.33	0.00	-0.81	1.71	-1.07	-0.25	-0.33	-0.09	-0.24	0.33	-2.41460492	
2350	-0.53	0.74	-0.56	1.59	-0.68	-0.79	1.56	-0.34	-0.84	-0.99	0.41	-0.83	-0.57	0.00	0.00	-0.70	0.06	-0.33	0.00	-1.20	1.43	-1.10	-0.25	-0.33	-0.09	-0.24	0.33	-3.182507151	
2351	-0.34	0.57	-0.38	1.59	-0.68	0.80	1.56	-0.53	0.11	-0.81	0.82	-0.83	-0.21	0.00	0.00	-0.70	1.05	-0.33	0.00	-0.92	1.43	0.74	-0.25	-0.33	-0.09	-0.24	0.33	13.03087512	
2352	-0.63	0.34	-0.70	1.59	-0.68	-0.26	1.56	-0.57	-0.80	-0.26	0.98	-0.83	-0.55	0.00	0.00	-0.70	0.10	-0.33	0.00	-0.52	1.71	-0.39	-0.25	-0.33	-0.09	-0.24	0.33	0.560550051	
2353	-1.12	0.44	0.15	1.59	-0.68	-0.26	1.56	-0.28	0.08	-0.81	0.38	-0.83	-0.23	0.00	0.00	-0.70	1.02	-0.33	0.00	-0.76	1.71	-0.42	-0.50	-0.33	-0.09	-0.93	0.32	4.574046943	
2354	-0.82	0.67	0.15	1.59	-0.68	-0.26	1.56	-0.25	0.07	-1.35	0.22	-0.83	-0.23	0.00	0.00	-0.70	1.02	-0.33	0.00	-1.15	1.43	-0.46	-0.50	-0.33	-0.09	-0.93	0.32	3.806142661	
2355	-0.63	0.49	0.32	1.59	-0.68	0.80	1.56	-0.45	0.11	-1.17	0.63	-0.83	-0.21	0.00	0.00	-0.70	1.06	-0.33	0.00	-1.20	0.87	0.85	-0.50	-0.33	-0.09	-0.93	0.32	8.921969859	
2356	-0.92	0.27	0.00	1.59	-0.68	-0.26	1.56	-0.48	-0.79	-0.63	0.79	-0.83	-0.55	0.00	0.00	-0.70	0.10	-0.33	0.00	-0.80	1.15	-0.29	-0.50	-0.33	-0.09	-0.93	0.32	-3.548355209	
2357	-0.59	-0.17	0.07	1.59	-0.33	-0.26	1.56	-0.21	-0.31	-0.08	0.44	-0.83	-0.37	0.00	0.00	-0.70	0.62	-0.33	0.00	-0.67	1.71	-0.87	-0.25	-0.33	-0.09	-0.24	-0.23	-4.029421251	
2358	-0.29	0.06	0.07	1.59	-0.33	-0.26	1.56	-0.18	-0.31	-0.63	0.29	-0.83	-0.37	0.00	0.00	-0.70	0.61	-0.33	0.00	-1.07	1.43	-0.90	-0.25	-0.33	-0.09	-0.24	-0.23	-4.797323659	
2359	-0.10	-0.11	0.24	1.59	-0.33	1.33	1.56	-0.38	0.63	-0.44	0.69	-0.83	-0.02	0.00	0.00	-0.70	1.61	-0.33	0.00	-0.78	1.43	0.94	-0.25	-0.33	-0.09	-0.24	-0.23	11.41605881	
2360	-0.39	-0.34	-0.08	1.59	-0.33	0.27	1.56	-0.41	-0.27	0.10	0.85	-0.83	-0.36	0.00	0.00	-0.70	0.65	-0.33	0.00	-0.39	1.71	-0.19	-0.25	-0.33	-0.09	-0.24	-0.23	-1.054266457	
2361	-0.35	-0.77	1.39	0.80	1.40	-0.26	1.56	0.36	1.15	-0.08	0.58	-0.83	0.18	0.00	0.00	-0.70	2.16	-0.33	0.00	0.13	1.71	0.50	1.01	-0.33	0.95	0.46	-0.78	19.28594173	
2362	-0.05	-0.54	1.38	0.80	1.40	-0.26	1.56	0.39	1.15	-0.63	0.42	-0.83	0.18	0.00	0.00	-0.70	2.16	-0.33	0.00	-0.26	1.43	0.46	1.01	-0.33	0.95	0.46	-0.78	18.51803708	
2363	0.14	-0.71	1.56	0.80	1.40	0.80	1.56	0.19	1.19	-0.44	0.83	-0.83	0.19	0.00	0.00	-0.70	2.20	-0.33	0.00	-0.31	0.87	1.76	1.01	-0.33	0.95	0.46	-0.78	23.63386465	
2364	-0.16	-0.94	1.24	0.80	1.40	-0.26	1.56	0.16	0.28	0.10	0.99	-0.83	-0.15	0.00	0.00	-0.70	1.24	-0.33	0.00	0.09	1.15	0.63	1.01	-0.33	0.95	0.46	-0.78	11.16353753	
2365	0.30	-0.29	0.57	2.39	0.71	0.27	1.56	-0.12	0.29	0.46	0.61	-0.83	-0.15	0.00	0.00	-0.70	1.24	-0.33	0.00	-0.61	1.71	-0.35	0.25	-0.33	-0.09	1.16	-0.76	13.28515882	
2366	0.59	-0.07	0.56	2.39	0.71	0.27	1.56	-0.09	0.29	-0.08	0.45	-0.83	-0.15	0.00	0.00	-0.70	1.24	-0.33	0.00	-1.01	1.43	-0.38	0.25	-0.33	-0.09	1.16	-0.76	12.51725454	
2367	0.78	-0.24	0.74	2.39	0.71	1.86	1.56	-0.29	1.23	0.10	0.86	-0.83	0.21	0.00	0.00	-0.70	2.24	-0.33	0.00	-0.72	1.43	1.46	0.25	-0.33	-0.09	1.16	-0.76	28.73063888	
2368	0.49	-0.47	0.42	2.39	0.71	0.80	1.56	-0.32	0.33	0.65	1.01	-0.83	-0.13	0.00	0.00	-0.70	1.28	-0.33	0.00	-0.33	1.71	0.33	0.25	-0.33	-0.09	1.16	-0.76	16.26031399	
2369	-0.23	0.28	0.64	0.80	-0.33	0.27	1.56	-0.19	0.61	-0.26	0.55	-0.83	-0.02	0.00	0.00	-0.70	1.59	-0.33	0.00	-0.70	1.71	0.03	0.00	-0.33	-0.09	0.46	-0.24	8.920876651	
2370	0.06	0.51	0.64	0.80	-0.33	0.27	1.56	-0.16	0.61	-0.81	0.39	-0.83	-0.02	0.00	0.00	-0.70	1.59	-0.33	0.00	-1.09	1.43	-0.01	0.00	-0.33	-0.09	0.46	-0.24	8.152972003	
2371	0.25	0.34	0.82	0.80	-0.33	1.33	1.56	-0.35	0.65	-0.63	0.79	-0.83	-0.01	0.00	0.00	-0.70	1.63	-0.33	0.00	-1.14	0.87	1.30	0.00	-0.33	-0.09	0.46	-0.24	13.26879957	
2372	-0.04	0.11	0.50	0.80	-0.33	0.27	1.56	-0.38	-0.25	-0.08	0.95	-0.83	-0.35	0.00	0.00	-0.70	0.67	-0.33	0.00	-0.74	1.15	0.17	0.00	-0.33	-0.09	0.46	-0.24	0.798472451	
2373	-1.35	1.34	-1.06	0.00	-1.37	-1.32	1.56	-0.58	-0.93	-1.17	0.27	-0.83	-0.60	0.00	0.00	-0.67	-0.07	-0.33	0.00	-0.85	1.71	-1.06	-0.50	-0.33	-0.09	-0.93	1.41	-7.501998927	
2374	-1.06	1.56	-1.06	0.00	-1.37	-1.32	1.56	-0.55	-0.93	-1.72	0.11	-0.83	-0.60	0.00	0.00	-0.67	-0.07	-0.33	0.00	-1.24	1.43	-1.10	-0.50	-0.33	-0.09	-0.93	1.41	-8.269903402	
2375	-0.87	1.39	-0.89	0.00	-1.37	-0.26	1.56	-0.75	-0.89	-1.54	0.51	-0.83	-0.59	0.00	0.00	-0.67	-0.04	-0.33	0.00	-1.29	0.87	0.20	-0.50	-0.33	-0.09	-0.93	1.41	-3.154076011	
2376	-1.16	1.17	-1.21	0.00	-1.37	-1.32	1.56	-0.78	-1.80	-0.99	0.67	-0.83	-0.93	0.00	0.00	-0.67	-0.99	-0.33	0.00	-0.89	1.15	-0.93	-0.50	-0.33	-0.09	-0.93	1.41	-15.62440332	
2377	-0.82	0.73	-1.14	0.00	-1.02	-1.32	1.56	-0.51	-1.31	-0.44	0.33	-0.83	-0.75	0.00	0.00	-0.67	-0.48	-0.33	0.00	-0.76	1.71	-1.51	-0.25	-0.33	-0.09	-0.24	0.86	-16.10546749	
2378	-0.53	0.96	-1.14	0.00	-1.02	-1.32	1.56	-0.48	-1.31	-0.99	0.17	-0.83	-0.75	0.00	0.00	-0.67	-0.48	-0.33	0.00	-1.16	1.43	-1.55	-0.25	-0.33	-0.09	-0.24	0.86	-16.87336972	
2379	-0.34	0.78	-0.97	0.00	-1.02	0.27	1.56	-0.68	-0.37	-0.81	0.58	-0.83	-0.39	0.00	0.00	-0.67	0.52	-0.33	0.00	-0.87	1.43	0.30	-0.25	-0.33	-0.09	-0.24	0.86	-6.59987258	
2380	-0.63	0.56	-1.29	0.00	-1.02	-0.79	1.56	-0.71	-1.27	-0.26	0.73	-0.83	-0.73	0.00	0.00	-0.67	-0.44	-0.33	0.00	-0.48	1.71	-0.84	-0.25	-0.33	-0.09	-0.24	0.86	-13.13031233	
2381	-1.35	1.30	-0.96	1.59	-1.37	-0.52	1.56	-0.58	-0.85	-1.35	0.27	-0.83	-0.57	0.00	0.00	-0.67	0.01	-0.33	0.00	-0.91	1.71	-0.92	-0.50	-0.33	-0.09	-0.93	1.32	4.892230613	
2382	-1.06	1.53	-0.96	1.59	-1.37	-0.52	1.56	-0.55	-0.85	-1.90	0.11	-0.83	-0.57	0.00	0.00	-0.67	0.01	-0.33	0.00	-1.31	1.43	-0.96	-0.50	-0.33	-0.09	-0.93	1.32	4.124328205	
2383	-0.87	1.35	-0.79	1.59	-1.37	0.54	1.56	-0.75	-0.81	-1.72	0.51	-0.83	-0.56	0.00	0.00	-0.67	0.05	-0.33	0.00	-1.35	0.87	0.35	-0.50	-0.33	-0.09	-0.93	1.32	9.24015372	
2384	-1.16	1.13	-1.11	1.59	-1.37	-0.52	1.56	-0.78	-1.71	-1.17	0.67	-0.83	-0.90	0.00	0.00	-0.67	-0.91	-0.33	0.00	-0.96	1.15	-0.78	-0.50	-0.33	-0.09	-0.93	1.32	-3.230171714	
2385	-0.82	0.69	-1.04	1.59	-1.02	-0.52	1.56	-0.51	-1.23	-0.63	0.33	-0.83	-0.71	0.00	0.00	-0.67	-0.39	-0.33	0.00	-0.83	1.71	-1.36	-0.25	-0.33	-0.09	-0.24	0.77	-3.711235707	
2386	-0.53	0.92	-1.04	1.59	-1.02	-0.52	1.56	-0.48	-1.23	-1.17	0.17	-0.83	-0.72	0.00	0.00	-0.67	-0.39	-0.33	0.00	-1.23	1.43	-1.40	-0.25	-0.33	-0.09	-0.24	0.77	-4.479140356	
2387	-0.34	0.75	-0.87	1.59	-1.02	1.07	1.56	-0.68	-0.29	-0.99	0.58	-0.83	-0.36	0.00	0.00	-0.67	0.60	-0.33	0.00	-0.94	1.43	0.45	-0.25	-0.33	-0.09	-0.24	0.77	11.73424435	
2388	-0.63	0.52	-1.19	1.59	-1.02	0.01	1.56	-0.71	-1.19	-0.44	0.73	-0.83	-0.70	0.00	0.00	-0.67	-0.36	-0.33	0.00	-0.55	1.71	-0.69	-0.25	-0.33	-0.09	-0.24	0.77	-0.736082768	
2389	-1.12	0.62	-0.34	1.59	-1.02	0																							

2428	-1.16	1.06	-0.91	1.59	-1.02	-0.26	1.56	-0.63	-1.55	-1.17	0.51	-0.83	-0.84	0.00	0.00	-0.67	-0.73	-0.33	0.00	-0.98	1.15	-0.64	-0.50	-0.33	-0.09	-0.93	1.14	1.759698519
2429	-0.82	0.62	-0.85	1.59	-0.68	-0.26	1.56	-0.37	-1.06	-0.63	0.17	-0.83	-0.65	0.00	0.00	-0.67	-0.22	-0.33	0.00	-0.86	1.71	-1.22	-0.25	-0.33	-0.09	-0.24	0.59	2.240762879
2430	-0.53	0.85	-0.85	1.59	-0.68	-0.26	1.56	-0.34	-1.07	-1.17	0.01	-0.83	-0.65	0.00	0.00	-0.67	-0.22	-0.33	0.00	-1.25	1.43	-1.26	-0.25	-0.33	-0.09	-0.24	0.59	3.008667161
2431	-0.34	0.68	-0.67	1.59	-0.68	1.33	1.56	-0.53	-0.12	-0.99	0.41	-0.83	-0.30	0.00	0.00	-0.67	0.77	-0.33	0.00	-0.97	1.43	0.59	-0.25	-0.33	-0.09	-0.24	0.59	13.20471718
2432	-0.63	0.45	-0.99	1.59	-0.68	0.27	1.56	-0.57	-1.03	-0.44	0.57	-0.83	-0.64	0.00	0.00	-0.67	-0.18	-0.33	0.00	-0.57	1.71	-0.54	-0.25	-0.33	-0.09	-0.24	0.59	0.734392282
2433	-1.12	0.55	-0.14	1.59	-0.68	0.27	1.56	-0.28	-0.16	-0.99	-0.02	-0.83	-0.31	0.00	0.00	-0.67	0.74	-0.33	0.00	-0.81	1.71	-0.57	-0.50	-0.33	-0.09	-0.93	0.58	4.747888983
2434	-0.82	0.78	-0.14	1.59	-0.68	0.27	1.56	-0.25	-0.16	-1.54	-0.18	-0.83	-0.31	0.00	0.00	-0.67	0.74	-0.33	0.00	-1.20	1.43	-0.61	-0.50	-0.33	-0.09	-0.93	0.58	3.979984702
2435	-0.63	1.33	0.03	1.59	-0.68	1.33	1.56	-0.45	-0.12	-1.35	0.22	-0.83	-0.30	0.00	0.00	-0.67	0.78	-0.33	0.00	-1.25	0.87	0.70	-0.50	-0.33	-0.09	-0.93	0.58	9.0958119
2436	-0.92	0.38	-0.29	1.59	-0.68	0.27	1.56	-0.48	-1.02	-0.81	0.38	-0.83	-0.64	0.00	0.00	-0.67	-0.18	-0.33	0.00	-0.85	1.15	-0.44	-0.50	-0.33	-0.09	-0.93	0.58	-3.374515217
2437	-0.59	-0.06	-0.22	1.59	-0.33	0.27	1.56	-0.21	-0.54	-0.26	0.04	-0.83	-0.46	0.00	0.00	-0.67	0.34	-0.33	0.00	-0.72	1.71	-1.02	-0.25	-0.33	-0.09	-0.24	0.03	-3.85557902
2438	-0.29	0.17	-0.22	1.59	-0.33	0.27	1.56	-0.18	-0.54	-0.81	-0.12	-0.83	-0.46	0.00	0.00	-0.67	0.33	-0.33	0.00	-1.12	1.43	-1.06	-0.25	-0.33	-0.09	-0.24	0.03	-4.623483668
2439	-0.10	0.00	-0.05	1.59	-0.33	1.86	1.56	-0.38	0.40	-0.63	0.29	-0.83	-0.10	0.00	0.00	-0.67	1.33	-0.33	0.00	-0.83	1.43	0.79	-0.25	-0.33	-0.09	-0.24	0.03	11.58990085
2440	-0.39	-0.23	-0.37	1.59	-0.33	0.80	1.56	-0.41	-0.50	-0.08	0.44	-0.83	-0.44	0.00	0.00	-0.67	0.37	-0.33	0.00	-0.44	1.71	-0.34	-0.25	-0.33	-0.09	-0.24	0.03	-0.880424226
2441	-0.35	-0.66	1.10	0.80	1.40	0.27	1.56	0.36	0.92	-0.26	0.18	-0.83	0.09	0.00	0.00	-0.67	1.88	-0.33	0.00	0.08	1.71	0.34	1.01	-0.33	0.95	0.46	-0.51	19.45978172
2442	-0.05	-0.43	1.10	0.80	1.40	0.27	1.56	0.39	0.92	-0.81	0.02	-0.83	0.09	0.00	0.00	-0.67	1.88	-0.33	0.00	-0.31	1.43	0.31	1.01	-0.33	0.95	0.46	-0.51	18.69187912
2443	0.14	-0.60	1.27	0.80	1.40	1.33	1.56	0.19	0.96	-0.63	0.42	-0.83	0.10	0.00	0.00	-0.67	1.92	-0.33	0.00	-0.36	0.87	1.61	1.01	-0.33	0.95	0.46	-0.51	23.80770464
2444	-0.16	-0.83	0.95	0.80	1.40	0.27	1.56	0.16	0.05	-0.08	0.58	-0.83	-0.23	0.00	0.00	-0.67	0.96	-0.33	0.00	0.04	1.15	0.48	1.01	-0.33	0.95	0.46	-0.51	11.33737957
2445	0.30	-0.18	0.28	2.39	0.71	0.80	1.56	-0.12	0.06	0.28	0.20	-0.83	-0.23	0.00	0.00	-0.67	0.96	-0.33	0.00	-0.66	1.71	-0.50	0.25	-0.33	-0.09	1.16	-0.50	13.45900086
2446	0.59	0.04	0.28	2.39	0.71	0.80	1.56	-0.09	0.06	-0.26	0.05	-0.83	-0.23	0.00	0.00	-0.67	0.96	-0.33	0.00	-1.06	1.43	-0.54	0.25	-0.33	-0.09	1.16	-0.50	12.69109658
2447	0.78	-0.13	0.45	2.39	0.71	2.39	1.56	-0.29	1.00	-0.08	0.45	-0.83	0.12	0.00	0.00	-0.67	1.96	-0.33	0.00	-0.77	1.43	1.31	0.25	-0.33	-0.09	1.16	-0.50	28.90448092
2448	0.49	-0.36	0.13	2.39	0.71	1.33	1.56	-0.32	0.10	0.46	0.61	-0.83	-0.22	0.00	0.00	-0.67	1.00	-0.33	0.00	-0.38	1.71	0.18	0.25	-0.33	-0.09	1.16	-0.50	16.4341538
2449	-0.23	0.39	0.36	0.80	-0.33	0.80	1.56	-0.19	0.38	-0.44	0.14	-0.83	-0.11	0.00	0.00	-0.67	1.31	-0.33	0.00	-0.75	1.71	-0.12	0.00	-0.33	-0.09	0.46	0.02	9.094716643
2450	0.06	0.62	0.35	0.80	-0.33	0.80	1.56	-0.16	0.38	-0.99	-0.02	-0.83	-0.11	0.00	0.00	-0.67	1.31	-0.33	0.00	-1.14	1.43	-0.16	0.00	-0.33	-0.09	0.46	0.02	8.326814044
2451	0.25	0.45	0.53	0.80	-0.33	1.86	1.56	-0.35	0.42	-0.81	0.39	-0.83	-0.10	0.00	0.00	-0.67	1.35	-0.33	0.00	-1.19	0.87	1.15	0.00	-0.33	-0.09	0.46	0.02	13.44263956
2452	-0.04	0.22	0.21	0.80	-0.33	0.80	1.56	-0.38	-0.49	-0.26	0.55	-0.83	-0.44	0.00	0.00	-0.67	0.39	-0.33	0.00	-0.79	1.15	0.01	0.00	-0.33	-0.09	0.46	0.02	0.972314492
2453	-0.20	-0.25	0.15	0.00	-1.02	-0.79	1.56	-0.43	0.10	-1.17	-0.45	-0.83	-0.22	0.00	0.00	0.42	-0.31	-0.33	0.00	-0.97	1.71	-2.24	-0.25	-0.33	-0.09	-0.24	0.32	-21.93112028
2454	0.10	-0.02	0.15	0.00	-1.02	-0.79	1.56	-0.40	0.09	-1.72	-0.61	-0.83	-0.22	0.00	0.00	0.42	-0.31	-0.33	0.00	-1.36	1.43	-2.28	-0.25	-0.33	-0.09	-0.24	0.32	-22.69902288
2455	0.29	-0.20	0.33	0.00	-1.02	0.27	1.56	-0.59	0.13	-1.54	-0.20	-0.83	-0.20	0.00	0.00	0.42	-0.28	-0.33	0.00	-1.41	0.87	-0.97	-0.25	-0.33	-0.09	-0.24	0.32	-17.58319736
2456	-0.01	-0.42	0.01	0.00	-1.02	-0.79	1.56	-0.63	-0.77	-0.99	-0.04	-0.83	-0.54	0.00	0.00	0.42	-1.23	-0.33	0.00	-1.01	1.15	-2.11	-0.25	-0.33	-0.09	-0.24	0.32	-30.05352243
2457	0.33	-0.86	0.07	0.00	-0.68	-0.79	1.56	-0.36	-0.29	-0.44	-0.39	-0.83	-0.36	0.00	0.00	0.42	-0.72	-0.33	0.00	-0.88	1.71	-2.69	0.00	-0.33	-0.09	0.46	-0.23	-30.5345866
2458	0.63	-0.63	0.07	0.00	-0.68	-0.79	1.56	-0.33	-0.29	-0.99	-0.54	-0.83	-0.36	0.00	0.00	0.42	-0.72	-0.33	0.00	-1.28	1.43	-2.73	0.00	-0.33	-0.09	0.46	-0.23	-31.30249088
2459	0.82	-0.80	0.25	0.00	-0.68	0.80	1.56	-0.53	0.65	-0.81	-0.14	-0.83	-0.01	0.00	0.00	0.42	0.28	-0.33	0.00	-0.99	1.43	-0.88	0.00	-0.33	-0.09	0.46	-0.23	-15.08910673
2460	0.52	-1.03	-0.07	0.00	-0.68	-0.26	1.56	-0.56	-0.25	-0.26	0.02	-0.83	-0.35	0.00	0.00	0.42	-0.68	-0.33	0.00	-0.60	1.71	-2.01	0.00	-0.33	-0.09	0.46	-0.23	-27.55943385
2461	0.57	-1.46	1.39	-0.79	1.06	-0.26	1.56	0.22	1.17	-0.44	-0.25	-0.83	0.19	0.00	0.00	0.42	0.82	-0.33	0.00	-0.08	1.71	-1.33	1.26	-0.33	0.95	1.16	-0.78	-6.173287017
2462	0.86	-1.23	1.39	-0.79	1.06	-0.26	1.56	0.25	1.17	-0.99	-0.41	-0.83	0.19	0.00	0.00	0.42	0.82	-0.33	0.00	-0.47	1.43	-1.37	1.26	-0.33	0.95	1.16	-0.78	-6.941191665
2463	1.05	-1.40	1.57	-0.79	1.06	0.80	1.56	0.05	1.21	-0.81	0.00	-0.83	0.20	0.00	0.00	0.42	0.86	-0.33	0.00	-0.52	0.87	-0.06	1.26	-0.33	0.95	1.16	-0.78	-1.825364101
2464	0.76	-1.63	1.25	-0.79	1.06	-0.26	1.56	0.02	0.30	-0.26	0.16	-0.83	-0.14	0.00	0.00	0.42	-0.10	-0.33	0.00	-0.12	1.15	-1.19	1.26	-0.33	0.95	1.16	-0.78	-14.29568936
2465	1.21	-0.98	0.57	0.80	0.36	0.27	1.56	-0.27	0.31	0.10	-0.22	-0.83	-0.14	0.00	0.00	0.42	-0.09	-0.33	0.00	-0.82	1.71	-2.17	0.50	-0.33	-0.09	1.85	-0.76	-12.17406992
2466	1.51	-0.76	0.57	0.80	0.36	0.27	1.56	-0.23	0.31	-0.44	-0.38	-0.83	-0.14	0.00	0.00	0.42	-0.09	-0.33	0.00	-1.22	1.43	-2.21	0.50	-0.33	-0.09	1.85	-0.76	-12.94197235
2467	1.70	-0.93	0.75	0.80	0.36	1.86	1.56	-0.43	1.25	-0.26	0.03	-0.83	0.21	0.00	0.00	0.42	0.90	-0.33	0.00	-0.93	1.43	-0.36	0.50	-0.33	-0.09	1.85	-0.76	3.271410304
2468	1.41	-1.16	0.43	0.80	0.36	0.80	1.56	-0.46	0.35	-0.28	0.18	-0.83	-0.13	0.00	0.00	0.42	-0.05	-0.33	0.00	-0.54	1.71	-1.50	0.50	-0.33	-0.09	1.85	-0.76	-9.198914762
2469	0.68	-0.41	0.65	-0.79	-0.68	0.27	1.56	-0.33	0.63	-0.63	-0.28	-0.83	-0.02	0.00	0.00	0.42	0.26	-0.33	0.00	-0.91	1.71	-1.79	0.25	-0.33	-0.09	1.16	-0.24	-16.5383521
2470	0.98	-0.18	0.65	-0.79	-0.68	0.27	1.56	-0.30	0.63	-1.17	-0.44	-0.83	-0.02	0.00	0.00	0.42	0.25	-0.33	0.00	-1.30	1.43	-1.83	0.25	-0.33	-0.09	1.16	-0.24	-17.30625675
2471	1.17	-0.35	0.82	-0.79	-0.68	1.33	1.56	-0.50	0.67	-0.99	-0.04	-0.83	0.00	0.00	0.00	0.42	0.29	-0.33	0.00	-1.35	0.87	-0.52	0.25	-0.33	-0.09	1.16	-0.24	-12.19042918
2472	0.87	-0.58	0.50	-0.79	-0.68	0.27	1.56	-0.53	-0.23	-0.44	0.12	-0.83	-0.34	0.00	0.00	0.42	-0.66	-0.33	0.00	-0.95	1.15	-1.66	0.25	-0.33	-0.09	1.16	-0.24	-24.66075462
2473	-0.28	-0.43	-0.47	0.00	-1.37	-1.32	1.5																					

2512	-1.46	1.22	-1.35	-1.59	-1.02	-1.32	1.56	0.02	-1.90	-0.81	1.52	-0.83	-0.97	0.00	0.00	-1.24	-0.41	-0.33	0.00	-0.89	1.15	-0.82	-1.00	-0.33	-0.61	-0.93	1.54	22.97690817
2513	-1.12	0.79	-1.28	-1.59	-0.68	-1.32	1.56	0.29	-1.41	-0.26	1.18	-0.83	-0.78	0.00	0.00	-1.24	0.11	-0.33	0.00	-0.76	1.71	-1.40	-0.75	-0.33	-0.61	-0.24	0.99	-23.45797457
2514	-0.82	1.01	-1.28	-1.59	-0.68	-1.32	1.56	0.32	-1.42	-0.81	1.02	-0.83	-0.79	0.00	0.00	-1.24	0.11	-0.33	0.00	-1.15	1.43	-1.44	-0.75	-0.33	-0.61	-0.24	0.99	-24.22587681
2515	-0.63	0.84	-1.11	-1.59	-0.68	0.27	1.56	0.12	-0.47	-0.63	1.43	-0.83	-0.43	0.00	0.00	-1.24	1.10	-0.33	0.00	-0.87	1.43	0.41	-0.75	-0.33	-0.61	-0.24	0.99	-8.012494151
2516	-0.93	0.61	-1.43	-1.59	-0.68	-0.79	1.56	0.09	-1.38	-0.08	1.58	-0.83	-0.77	0.00	0.00	-1.24	0.14	-0.33	0.00	-0.47	1.71	-0.72	-0.75	-0.33	-0.61	-0.24	0.99	-20.48281941
2517	-1.65	1.36	-1.10	0.00	-1.02	-1.05	1.56	0.22	-0.95	-1.17	1.12	-0.83	-0.61	0.00	0.00	-1.24	0.60	-0.33	0.00	-0.91	1.71	-0.80	-1.00	-0.33	-0.61	-0.93	1.45	-3.519245845
2518	-1.35	1.58	-1.10	0.00	-1.02	-1.05	1.56	0.25	-0.95	-1.72	0.96	-0.83	-0.61	0.00	0.00	-1.24	0.60	-0.33	0.00	-1.30	1.43	-0.84	-1.00	-0.33	-0.61	-0.93	1.45	-4.287148077
2519	-1.16	1.41	-0.93	0.00	-1.02	0.01	1.56	0.05	-0.91	-1.54	1.36	-0.83	-0.60	0.00	0.00	-1.24	0.64	-0.33	0.00	-1.35	0.87	0.46	-1.00	-0.33	-0.61	-0.93	1.45	0.82867912
2520	-1.46	1.18	-1.25	0.00	-1.02	-1.05	1.56	0.02	-1.82	-0.99	1.52	-0.83	-0.94	0.00	0.00	-1.24	-0.32	-0.33	0.00	-0.95	1.15	-0.67	-1.00	-0.33	-0.61	-0.93	1.45	-11.641648
2521	-1.12	0.75	-1.18	0.00	-0.68	-1.05	1.56	0.29	-1.33	-0.44	1.18	-0.83	-0.75	0.00	0.00	-1.24	0.19	-0.33	0.00	-0.83	1.71	-1.25	-0.75	-0.33	-0.61	-0.24	0.90	-12.12271236
2522	-0.82	0.97	-1.18	0.00	-0.68	-1.05	1.56	0.32	-1.33	-0.99	1.02	-0.83	-0.75	0.00	0.00	-1.24	0.19	-0.33	0.00	-1.22	1.43	-1.29	-0.75	-0.33	-0.61	-0.24	0.90	-12.89061664
2523	-0.63	0.80	-1.01	0.00	-0.68	0.54	1.56	0.12	-0.39	-0.81	1.43	-0.83	-0.40	0.00	0.00	-1.24	1.19	-0.33	0.00	-0.94	1.43	0.56	-0.75	-0.33	-0.61	-0.24	0.90	3.322768067
2524	-0.93	0.58	-1.33	0.00	-0.68	-0.52	1.56	0.09	-1.30	-0.26	1.58	-0.83	-0.74	0.00	0.00	-1.24	0.23	-0.33	0.00	-0.54	1.71	-0.58	-0.75	-0.33	-0.61	-0.24	0.90	-9.147559245
2525	-1.41	0.68	-0.48	0.00	-0.68	-0.52	1.56	0.37	-0.42	-0.81	0.99	-0.83	-0.41	0.00	0.00	-1.24	1.16	-0.33	0.00	-0.78	1.71	-0.61	-1.00	-0.33	-0.61	-0.93	0.89	-5.134059936
2526	-1.12	0.90	-0.48	0.00	-0.68	0.83	1.56	0.40	-0.43	-1.35	0.83	-0.83	-0.41	0.00	0.00	-1.24	1.15	-0.33	0.00	-1.17	1.43	-0.64	-1.00	-0.33	-0.61	-0.93	0.89	-5.901964585
2527	-0.93	0.73	-0.30	0.00	-0.68	0.54	1.56	0.21	-0.39	-1.17	1.24	-0.83	-0.40	0.00	0.00	-1.24	1.19	-0.33	0.00	-1.22	0.87	0.66	-1.00	-0.33	-0.61	-0.93	0.89	-0.78613702
2528	-1.22	0.51	-0.62	0.00	-0.68	-0.52	1.56	0.18	-1.29	-0.63	1.39	-0.83	-0.74	0.00	0.00	-1.24	0.24	-0.33	0.00	-0.82	1.15	-0.47	-1.00	-0.33	-0.61	-0.93	0.89	-13.2564645
2529	-0.88	0.07	-0.55	0.00	-0.33	-0.52	1.56	0.44	-0.81	-0.08	1.05	-0.83	-0.56	0.00	0.00	-1.24	0.75	-0.33	0.00	-0.69	1.71	-1.05	-0.75	-0.33	-0.61	-0.24	0.33	-13.7375285
2530	-0.59	0.30	-0.56	0.00	-0.33	-0.52	1.56	0.47	-0.81	-0.63	0.89	-0.83	-0.56	0.00	0.00	-1.24	0.75	-0.33	0.00	-1.09	1.43	-1.09	-0.75	-0.33	-0.61	-0.24	0.33	-14.50543314
2531	-0.39	0.12	-0.38	0.00	-0.33	1.07	1.56	0.27	0.13	-0.44	1.30	-0.83	-0.20	0.00	0.00	-1.24	1.74	-0.33	0.00	-0.80	1.43	0.76	-0.75	-0.33	-0.61	-0.24	0.33	1.707951559
2532	-0.69	-0.10	-0.70	0.00	-0.33	0.01	1.56	0.24	-0.77	0.10	1.46	-0.83	-0.54	0.00	0.00	-1.24	0.79	-0.33	0.00	-0.41	1.71	-0.38	-0.75	-0.33	-0.61	-0.24	0.33	-10.7623737
2533	-0.65	-0.53	0.76	-0.79	1.40	-0.52	1.56	1.02	0.65	-0.08	1.19	-0.83	-0.01	0.00	0.00	-1.24	2.29	-0.33	0.00	0.11	1.71	0.31	0.50	-0.33	0.43	0.46	-0.21	9.577832437
2534	-0.35	-0.30	0.76	-0.79	1.40	-0.52	1.56	1.05	0.65	-0.63	1.03	-0.83	-0.01	0.00	0.00	-1.24	2.29	-0.33	0.00	-0.28	1.43	0.27	0.50	-0.33	0.43	0.46	-0.21	8.809930205
2535	-0.16	-0.48	0.94	-0.79	1.40	0.54	1.56	0.85	0.69	-0.44	1.44	-0.83	0.00	0.00	0.00	-1.24	2.33	-0.33	0.00	-0.33	0.87	1.58	0.50	-0.33	0.43	0.46	-0.21	13.92575535
2536	-0.45	-0.70	0.62	-0.79	1.40	-0.52	1.56	0.82	-0.22	0.10	1.59	-0.83	-0.33	0.00	0.00	-1.24	1.37	-0.33	0.00	0.07	1.15	0.44	0.50	-0.33	0.43	0.46	-0.21	1.455430285
2537	0.00	-0.06	-0.06	0.80	0.71	0.01	1.56	0.54	-0.21	0.46	1.22	-0.83	-0.33	0.00	0.00	-1.24	1.38	-0.33	0.00	-0.63	1.71	-0.53	-0.25	-0.33	-0.61	1.16	-0.20	3.577049529
2538	0.30	0.17	-0.06	0.80	0.71	0.01	1.56	0.57	-0.21	-0.08	1.06	-0.83	-0.33	0.00	0.00	-1.24	1.38	-0.33	0.00	-1.03	1.43	-0.57	-0.25	-0.33	-0.61	1.16	-0.20	2.809147298
2539	0.49	0.00	0.12	0.80	0.71	1.60	1.56	0.37	0.74	0.10	1.46	-0.83	0.02	0.00	0.00	-1.24	2.37	-0.33	0.00	-0.74	1.43	1.28	-0.25	-0.33	-0.61	1.16	-0.20	19.02252976
2540	0.19	-0.23	-0.20	0.80	0.71	0.54	1.56	0.34	-0.17	0.65	1.62	-0.83	-0.32	0.00	0.00	-1.24	1.41	-0.33	0.00	-0.35	1.71	0.14	-0.25	-0.33	-0.61	1.16	-0.20	6.552204327
2541	-0.53	0.52	0.02	-0.79	-0.33	0.01	1.56	0.47	0.11	-0.26	1.15	-0.83	-0.21	0.00	0.00	-1.24	1.72	-0.33	0.00	-0.72	1.71	-0.15	-0.50	-0.33	-0.61	0.46	0.33	-0.787232817
2542	-0.23	0.75	0.02	-0.79	-0.33	0.01	1.56	0.50	0.11	-0.81	1.00	-0.83	-0.21	0.00	0.00	-1.24	1.72	-0.33	0.00	-1.11	1.43	-0.19	-0.50	-0.33	-0.61	0.46	0.33	-1.555136925
2543	-0.04	0.57	0.19	-0.79	-0.33	1.07	1.56	0.30	0.15	-0.63	1.40	-0.83	-0.20	0.00	0.00	-1.24	1.76	-0.33	0.00	-1.16	0.87	1.11	-0.50	-0.33	-0.61	0.46	0.33	3.5606901
2544	-0.34	0.35	-0.13	-0.79	-0.33	0.01	1.56	0.27	-0.75	-0.08	1.56	-0.83	-0.54	0.00	0.00	-1.24	0.80	-0.33	0.00	-0.76	1.15	-0.02	-0.50	-0.33	-0.61	0.46	0.33	-8.909634795
2545	-1.65	1.58	-1.68	-1.59	-1.37	-2.11	1.56	0.08	-1.43	-1.17	0.87	-0.83	-0.79	0.00	0.00	-1.21	0.06	-0.33	0.00	-0.87	1.71	-1.25	-1.00	-0.33	-0.61	-0.93	1.98	-18.26777614
2546	-1.35	1.80	-1.69	-1.59	-1.37	-2.11	1.56	0.11	-1.43	-1.72	0.72	-0.83	-0.79	0.00	0.00	-1.21	0.06	-0.33	0.00	-1.26	1.43	-1.29	-1.00	-0.33	-0.61	-0.93	1.98	-19.03567857
2547	-1.16	1.63	-1.51	-1.59	-1.37	-1.05	1.56	-0.09	-1.39	-1.54	1.12	-0.83	-0.78	0.00	0.00	-1.21	0.10	-0.33	0.00	-1.31	0.87	0.02	-1.00	-0.33	-0.61	-0.93	1.98	-13.91985323
2548	-1.46	1.40	-1.83	-1.59	-1.37	-2.11	1.56	-0.12	-2.29	-0.99	1.28	-0.83	-1.12	0.00	0.00	-1.21	-0.86	-0.33	0.00	-0.91	1.15	-1.12	-1.00	-0.33	-0.61	-0.93	1.98	-26.39017812
2549	-1.12	0.97	-1.76	-1.59	-1.02	-2.11	1.56	0.14	-1.81	-0.44	0.94	-0.83	-0.93	0.00	0.00	-1.21	-0.34	-0.33	0.00	-0.78	1.71	-1.70	-0.75	-0.33	-0.61	-0.24	1.43	-26.87124266
2550	-0.82	1.19	-1.76	-1.59	-1.02	-2.11	1.56	0.17	-1.81	-0.99	0.78	-0.83	-0.93	0.00	0.00	-1.21	-0.35	-0.33	0.00	-1.18	1.43	-1.73	-0.75	-0.33	-0.61	-0.24	1.43	-27.63914657
2551	-0.63	1.02	-1.59	-1.59	-1.02	-0.52	1.56	-0.02	-0.87	-0.81	1.18	-0.83	-0.58	0.00	0.00	-1.21	0.65	-0.33	0.00	-0.89	1.43	0.11	-0.75	-0.33	-0.61	-0.24	1.43	-11.42576243
2552	-0.93	0.80	-1.91	-1.59	-1.02	-1.58	1.56	-0.06	-1.77	-0.26	1.34	-0.83	-0.92	0.00	0.00	-1.21	-0.31	-0.33	0.00	-0.50	1.71	-1.02	-0.75	-0.33	-0.61	-0.24	1.43	-23.89608954
2553	-1.65	1.54	-1.58	0.00	-1.37	-1.32	1.56	0.08	-1.34	-1.35	0.87	-0.83	-0.76	0.00	0.00	-1.21	0.15	-0.33	0.00	-0.94	1.71	-1.10	-1.00	-0.33	-0.61	-0.93	1.89	-5.873544364
2554	-1.35	1.76	-1.59	0.00	-1.37	-1.32	1.56	0.11	-1.35	-1.90	0.72	-0.83	-0.76	0.00	0.00	-1.21	0.15	-0.33	0.00	-1.33	1.43	-1.14	-1.00	-0.33	-0.61	-0.93	1.89	-6.641449013
2555	-1.16	1.59	-1.41	0.00	-1.37	-0.26	1.56	-0.09	-1.31	-1.72	1.12	-0.83	-0.75	0.00	0.00	-1.21	0.18	-0.33	0.00	-1.37	0.87	0.17	-1.00	-0.33	-0.61	-0.93	1.89	-1.525621447
2556	-1.46	1.37	-1.73	0.00	-1.37	-1.32	1.56	-0.12	-2.21	-1.17	1.28	-0.83	-1.08	0.00	0.00	-1.21	-0.77	-0.33	0.00	-0.98	1.15	-0.97	-1.00	-0.33	-0.61	-0.93	1.89	-13.99594856
2557	-1.12	0.93	-1.66	0.00	-1.02	-1.32	1.56																					

2596	-0.93	0.72	-1.71	-1.59	-0.68	-0.79	1.56	0.09	-1.61	-0.26	1.18	-0.83	-0.86	0.00	0.00	-1.21	-0.13	-0.33	0.00	-0.52	1.71	-0.88	-0.75	-0.33	-0.61	-0.25	1.25	21.3666451
2597	-1.65	1.47	-1.39	0.00	-1.02	-1.05	1.56	0.22	-1.18	-1.35	0.71	-0.83	-0.70	0.00	0.00	-1.21	0.32	-0.33	0.00	-0.96	1.71	-0.96	-1.00	-0.33	-0.61	-0.93	1.71	-4.403071727
2598	-1.35	1.69	-1.39	0.00	-1.02	-1.05	1.56	0.25	-1.18	-1.90	0.55	-0.83	-0.70	0.00	0.00	-1.21	0.32	-0.33	0.00	-1.35	1.43	-0.99	-1.00	-0.33	-0.61	-0.93	1.71	-5.170973768
2599	-1.16	1.52	-1.22	0.00	-1.02	0.01	1.56	0.05	-1.14	-1.72	0.96	-0.83	-0.68	0.00	0.00	-1.21	0.36	-0.33	0.00	-1.40	0.87	0.31	-1.00	-0.33	-0.61	-0.93	1.71	-0.055148619
2600	-1.46	1.29	-1.54	0.00	-1.02	-1.05	1.56	0.02	-2.05	-1.17	1.12	-0.83	-1.02	0.00	0.00	-1.21	-0.60	-0.33	0.00	-1.00	1.15	-0.82	-1.00	-0.33	-0.61	-0.93	1.71	-12.52547369
2601	-1.12	0.86	-1.47	0.00	-0.68	-1.05	1.56	0.29	-1.56	-0.63	0.77	-0.83	-0.84	0.00	0.00	-1.21	-0.09	-0.33	0.00	-0.88	1.71	-1.40	-0.75	-0.33	-0.61	-0.24	1.16	-13.0065401
2602	-0.82	1.08	-1.47	0.00	-0.68	-1.05	1.56	0.32	-1.57	-1.17	0.62	-0.83	-0.84	0.00	0.00	-1.21	-0.09	-0.33	0.00	-1.27	1.43	-1.44	-0.75	-0.33	-0.61	-0.24	1.16	-13.77444233
2603	-0.63	0.91	-1.30	0.00	-0.68	0.54	1.56	0.12	-0.62	-0.99	1.02	-0.83	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	-0.99	1.43	0.41	-0.75	-0.33	-0.61	-0.24	1.16	2.438942377
2604	-0.93	0.69	-1.61	0.00	-0.68	-0.52	1.56	0.09	-1.53	-0.44	1.18	-0.83	-0.83	0.00	0.00	-1.21	-0.05	-0.33	0.00	-0.59	1.71	-0.73	-0.75	-0.33	-0.61	-0.24	1.16	-10.03138494
2605	-1.41	0.79	-0.76	0.00	-0.68	-0.52	1.56	0.37	-0.65	-0.99	0.58	-0.83	-0.50	0.00	0.00	-1.21	0.88	-0.33	0.00	-0.83	1.71	-0.76	-1.00	-0.33	-0.61	-0.93	1.15	-6.017887867
2606	-1.12	1.01	-0.77	0.00	-0.68	-0.52	1.56	0.40	-0.66	-1.54	0.43	-0.83	-0.50	0.00	0.00	-1.21	0.87	-0.33	0.00	-1.22	1.43	-0.80	-1.00	-0.33	-0.61	-0.93	1.15	-6.785790466
2607	-0.93	0.84	-0.59	0.00	-0.68	0.54	1.56	0.21	-0.62	-1.35	0.83	-0.83	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	-1.27	0.87	0.51	-1.00	-0.33	-0.61	-0.93	1.15	-1.66996495
2608	-1.22	0.62	-0.91	0.00	-0.68	-0.52	1.56	0.18	-1.52	-0.81	0.99	-0.83	-0.83	0.00	0.00	-1.21	-0.04	-0.33	0.00	-0.87	1.15	-0.62	-1.00	-0.33	-0.61	-0.93	1.15	-14.14029038
2609	-0.88	0.18	-0.84	0.00	-0.33	-0.52	1.56	0.44	-1.04	-0.26	0.65	-0.83	-0.64	0.00	0.00	-1.21	0.47	-0.33	0.00	-0.74	1.71	-1.20	-0.75	-0.33	-0.61	-0.24	0.60	-14.62135419
2610	-0.59	0.41	-0.84	0.00	-0.33	-0.52	1.56	0.47	-1.04	-0.81	0.49	-0.83	-0.64	0.00	0.00	-1.21	0.47	-0.33	0.00	-1.14	1.43	-1.24	-0.75	-0.33	-0.61	-0.24	0.60	-15.38925884
2611	-0.39	0.23	-0.67	0.00	-0.33	1.07	1.56	0.27	-0.10	-0.63	0.89	-0.83	-0.29	0.00	0.00	-1.21	1.46	-0.33	0.00	-0.85	1.43	0.60	-0.75	-0.33	-0.61	-0.24	0.60	0.824125679
2612	-0.69	0.01	-0.99	0.00	-0.33	0.01	1.56	0.24	-1.00	-0.08	1.05	-0.83	-0.63	0.00	0.00	-1.21	0.51	-0.33	0.00	-0.46	1.71	-0.53	-0.75	-0.33	-0.61	-0.24	0.60	-11.64620144
2613	-0.65	-0.42	0.47	-0.79	1.40	-0.52	1.56	1.02	0.42	-0.26	0.78	-0.83	-0.10	0.00	0.00	-1.21	2.01	-0.33	0.00	0.06	1.71	0.16	0.50	-0.33	0.43	0.46	0.05	8.694006555
2614	-0.35	-0.19	0.47	-0.79	1.40	-0.52	1.56	1.05	0.42	-0.81	0.63	-0.83	-0.10	0.00	0.00	-1.21	2.01	-0.33	0.00	-0.33	1.43	0.12	0.50	-0.33	0.43	0.46	0.05	7.926102274
2615	-0.16	-0.37	0.65	-0.79	1.40	0.54	1.56	0.85	0.46	-0.63	1.03	-0.83	-0.08	0.00	0.00	-1.21	2.05	-0.33	0.00	-0.38	0.87	1.43	0.50	-0.33	0.43	0.46	0.05	13.04192947
2616	-0.45	-0.59	0.33	-0.79	1.40	-0.52	1.56	0.82	-0.45	-0.08	1.19	-0.83	-0.42	0.00	0.00	-1.21	1.09	-0.33	0.00	0.02	1.15	0.29	0.50	-0.33	0.43	0.46	0.05	0.571602355
2617	0.00	0.05	-0.35	0.80	0.71	0.01	1.56	0.54	-0.44	0.28	0.81	-0.83	-0.42	0.00	0.00	-1.21	1.10	-0.33	0.00	-0.68	1.71	-0.68	-0.25	-0.33	-0.61	1.16	0.07	2.693223647
2618	0.30	0.28	-0.35	0.80	0.71	0.01	1.56	0.57	-0.44	-0.26	0.65	-0.83	-0.42	0.00	0.00	-1.21	1.10	-0.33	0.00	-1.08	1.43	-0.72	-0.25	-0.33	-0.61	1.16	0.07	1.925319367
2619	0.49	0.11	-0.17	0.80	0.71	1.60	1.56	0.37	0.50	-0.08	1.06	-0.83	-0.07	0.00	0.00	-1.21	2.09	-0.33	0.00	-0.79	1.43	1.12	-0.25	-0.33	-0.61	1.16	0.07	18.13870407
2620	0.19	-0.12	-0.49	0.80	0.71	0.54	1.56	0.34	-0.40	0.46	1.22	-0.83	-0.41	0.00	0.00	-1.21	1.14	-0.33	0.00	-0.40	1.71	-0.01	-0.25	-0.33	-0.61	1.16	0.07	5.668378637
2621	-0.53	0.63	-0.27	-0.79	-0.33	0.01	1.56	0.47	-0.12	-0.44	0.75	-0.83	-0.30	0.00	0.00	-1.21	1.45	-0.33	0.00	-0.77	1.71	-0.31	-0.50	-0.33	-0.61	0.46	0.59	-1.671058698
2622	-0.23	0.86	-0.27	-0.79	-0.33	0.01	1.56	0.50	-0.12	-0.99	0.59	-0.83	-0.30	0.00	0.00	-1.21	1.44	-0.33	0.00	-1.16	1.43	-0.34	-0.50	-0.33	-0.61	0.46	0.59	-2.438962806
2623	-0.04	0.68	-0.09	-0.79	-0.33	1.07	1.56	0.30	-0.08	-0.81	1.00	-0.83	-0.28	0.00	0.00	-1.21	1.48	-0.33	0.00	-1.21	0.87	0.96	-0.50	-0.33	-0.61	0.46	0.59	2.676864392
2624	-0.34	0.46	-0.41	-0.79	-0.33	0.01	1.56	0.27	-0.98	-0.26	1.15	-0.83	-0.62	0.00	0.00	-1.21	0.53	-0.33	0.00	-0.81	1.15	-0.17	-0.50	-0.33	-0.61	0.46	0.59	-9.793462725
2625	-0.40	-0.57	0.98	-0.79	-0.33	-0.79	1.56	-1.01	1.09	-0.63	0.53	0.43	3.08	0.00	0.00	0.09	1.15	3.02	0.00	-0.88	1.71	-0.67	1.01	3.02	0.95	-1.63	-0.81	17.22913772
2626	-0.10	-0.34	0.98	-0.79	-0.33	-0.79	1.56	-0.98	1.09	-1.17	0.37	0.43	3.08	0.00	0.00	0.09	1.15	3.02	0.00	-1.27	1.43	-0.71	1.01	3.02	0.95	-1.63	-0.81	16.46123512
2627	0.09	-0.51	1.15	-0.79	-0.33	0.27	1.56	-1.18	1.13	-0.99	0.78	0.43	3.09	0.00	0.00	0.09	1.19	3.02	0.00	-1.32	0.87	0.59	1.01	3.02	0.95	-1.63	-0.81	21.57706063
2628	-0.21	-0.74	0.83	-0.79	-0.33	-0.79	1.56	-1.21	0.22	-0.44	0.93	0.43	2.75	0.00	0.00	0.09	0.23	3.02	0.00	-0.92	1.15	-0.54	1.01	3.02	0.95	-1.63	-0.81	9.10673537
2629	0.13	-1.18	0.90	-0.79	0.02	-0.79	1.56	-0.95	0.71	0.10	0.59	0.43	2.93	0.00	0.00	0.09	0.74	3.02	0.00	-0.80	1.71	-1.12	1.26	3.02	0.95	-0.93	-1.36	8.625671204
2630	0.43	-0.95	0.90	-0.79	0.02	-0.79	1.56	-0.91	0.71	-0.44	0.43	0.43	2.93	0.00	0.00	0.09	0.74	3.02	0.00	-1.19	1.43	-1.16	1.26	3.02	0.95	-0.93	-1.36	7.857766556
2631	0.62	-1.12	1.08	-0.79	0.02	0.80	1.56	-1.11	1.65	-0.26	0.84	0.43	3.29	0.00	0.00	0.09	1.74	3.02	0.00	-0.91	1.43	0.69	1.26	3.02	0.95	-0.93	-1.36	24.07115143
2632	0.33	-1.35	0.76	-0.79	0.02	-0.26	1.56	-1.14	0.74	0.28	1.00	0.43	2.95	0.00	0.00	0.09	0.78	3.02	0.00	-0.51	1.71	-0.45	1.26	3.02	0.95	-0.93	-1.36	11.60082432
2633	-1.65	0.47	-0.07	-0.79	-0.68	-1.32	1.56	-1.15	0.22	-1.35	-0.79	0.43	-0.17	0.00	0.00	0.09	0.23	-0.33	0.00	-1.13	1.71	-0.77	-0.75	-0.33	-0.09	-1.63	0.14	-26.1582115
2634	-1.35	0.70	-0.07	-0.79	-0.68	-1.32	1.56	-1.11	0.22	-1.90	-0.94	0.43	-0.17	0.00	0.00	0.09	0.22	-0.33	0.00	-1.53	1.43	-0.81	-0.75	-0.33	-0.09	-1.63	0.14	-26.92611595
2635	-1.16	0.52	0.10	-0.79	-0.68	-0.26	1.56	-1.31	0.26	-1.72	-0.54	0.43	-0.16	0.00	0.00	0.09	0.26	-0.33	0.00	-1.57	0.87	0.50	-0.75	-0.33	-0.09	-1.63	0.14	-21.81028839
2636	-1.46	0.30	-0.21	-0.79	-0.68	-1.32	1.56	-1.34	-0.65	-1.17	-0.38	0.43	-0.50	0.00	0.00	0.09	-0.69	-0.33	0.00	-1.18	1.15	-0.64	-0.75	-0.33	-0.09	-1.63	0.14	-34.28061382
2637	-1.12	-0.14	-0.15	-0.79	-0.33	-1.32	1.56	-1.08	-0.16	-0.63	-0.72	0.43	-0.31	0.00	0.00	0.09	-0.18	-0.33	0.00	-1.05	1.71	-1.22	-0.50	-0.33	-0.09	-0.93	-0.41	-34.76167987
2638	-0.82	0.09	-0.15	-0.79	-0.33	-1.32	1.56	-1.05	-0.17	-1.17	-0.88	0.43	-0.32	0.00	0.00	0.09	-0.18	-0.33	0.00	-1.45	1.43	-1.26	-0.50	-0.33	-0.09	-0.93	-0.41	-35.52958246
2639	-0.63	-0.08	0.03	-0.79	-0.33	0.27	1.56	-1.25	0.78	-0.99	-0.48	0.43	0.04	0.00	0.00	0.09	0.81	-0.33	0.00	-1.16	1.43	0.59	-0.50	-0.33	-0.09	-0.93	-0.41	-19.31619981
2640	-0.93	-0.31	-0.29	-0.79	-0.33	-0.79	1.56	-1.28	-0.13	-0.44	-0.32	0.43	-0.30	0.00	0.00	0.09	-0.14	-0.33	0.00	-0.77	1.71	-0.54	-0.50	-0.33	-0.09	-0.93	-0.41	-31.78652488
2641	-1.65	0.43	0.03	0.80	-0.68	-1.05	1.																					

2680	-1.46	0.44	-0.60	0.80	-1.02	-0.79	1.56	-1.49	-0.96	-1.54	-0.62	0.43	-0.62	0.00	0.11	-1.06	-0.33	0.00	-1.27	1.15	-0.79	-0.75	-0.33	-0.09	-1.63	0.49	24.24198649
2681	-1.12	0.01	-0.53	0.80	-0.68	-0.79	1.56	-1.22	-0.48	-0.99	-0.97	0.43	-0.43	0.00	0.11	-0.55	-0.33	0.00	-1.15	1.71	-1.37	-0.50	-0.33	-0.09	-0.93	-0.06	-24.72305066
2682	-0.82	0.23	-0.53	0.80	-0.68	-0.79	1.56	-1.19	-0.48	-1.54	-1.12	0.43	-0.43	0.00	0.11	-0.55	-0.33	0.00	-1.54	1.43	-1.41	-0.50	-0.33	-0.09	-0.93	-0.06	-25.49095306
2683	-0.63	0.06	-0.36	0.80	-0.68	0.80	1.56	-1.39	0.46	-1.35	-0.72	0.43	-0.08	0.00	0.11	0.45	-0.33	0.00	-1.26	1.43	0.44	-0.50	-0.33	-0.09	-0.93	-0.06	-9.2775706
2684	-0.93	-0.16	-0.68	0.80	-0.68	-0.26	1.56	-1.42	-0.44	-0.81	-0.56	0.43	-0.42	0.00	0.11	-0.51	-0.33	0.00	-0.86	1.71	-0.70	-0.50	-0.33	-0.09	-0.93	-0.06	-21.74789586
2685	-1.41	-0.06	0.17	0.80	-0.68	-0.26	1.56	-1.14	0.43	-1.35	-1.16	0.43	-0.09	0.00	0.11	0.42	-0.33	0.00	-1.10	1.71	-0.72	-0.75	-0.33	-0.09	-1.63	-0.07	-17.7343986
2686	-1.12	0.16	0.17	0.80	-0.68	-0.26	1.56	-1.11	0.43	-1.90	-1.31	0.43	-0.09	0.00	0.11	0.41	-0.33	0.00	-1.49	1.43	-0.76	-0.75	-0.33	-0.09	-1.63	-0.07	-18.50230325
2687	-0.93	-0.01	0.35	0.80	-0.68	0.80	1.56	-1.30	0.47	-1.72	-0.91	0.43	-0.08	0.00	0.11	0.45	-0.33	0.00	-1.54	0.87	0.54	-0.75	-0.33	-0.09	-1.63	-0.07	-13.38647569
2688	-1.22	-0.24	0.03	0.80	-0.68	-0.26	1.56	-1.34	-0.44	-1.17	-0.75	0.43	-0.42	0.00	0.11	-0.50	-0.33	0.00	-1.14	1.15	-0.59	-0.75	-0.33	-0.09	-1.63	-0.07	-25.85680317
2689	-0.88	-0.67	0.09	0.80	-0.33	-0.26	1.56	-1.07	0.05	-0.63	-1.09	0.43	-0.24	0.00	0.11	0.01	-0.33	0.00	-1.01	1.71	-1.17	-0.50	-0.33	-0.09	-0.93	-0.62	-26.33786716
2690	-0.59	-0.44	0.09	0.80	-0.33	-0.26	1.56	-1.04	0.04	-1.17	-1.25	0.43	-0.24	0.00	0.11	0.01	-0.33	0.00	-1.41	1.43	-1.21	-0.50	-0.33	-0.09	-0.93	-0.62	-27.10576976
2691	-0.39	-0.62	0.27	0.80	-0.33	1.33	1.56	-1.24	0.99	-0.99	-0.85	0.43	0.12	0.00	0.11	1.00	-0.33	0.00	-1.12	1.43	0.64	-0.50	-0.33	-0.09	-0.93	-0.62	-10.89238711
2692	-0.69	-0.84	-0.05	0.80	-0.33	0.27	1.56	-1.27	0.08	-0.44	-0.69	0.43	-0.22	0.00	0.11	0.05	-0.33	0.00	-0.73	1.71	-0.50	-0.50	-0.33	-0.09	-0.93	-0.62	-23.362712
2693	-0.65	-1.27	1.41	0.00	1.40	-0.26	1.56	-0.50	1.51	-0.63	-0.96	0.43	0.31	0.00	0.11	1.55	-0.33	0.00	-0.21	1.71	0.19	0.75	-0.33	0.95	-0.24	-1.17	-3.02250623
2694	-0.35	-1.04	1.41	0.00	1.40	-0.26	1.56	-0.46	1.50	-1.17	-1.11	0.43	0.31	0.00	0.11	1.55	-0.33	0.00	-0.60	1.43	-1.17	0.15	0.75	-0.33	0.95	-0.24	-3.790408461
2695	-0.16	-1.22	1.58	0.00	1.40	0.80	1.56	-0.66	1.54	-0.99	-0.71	0.43	0.33	0.00	0.11	1.59	-0.33	0.00	-0.65	0.87	1.46	0.75	-0.33	0.95	-0.24	-1.17	1.325416686
2696	-0.45	-1.44	1.27	0.00	1.40	-0.26	1.56	-0.69	0.64	-0.44	-0.55	0.43	-0.01	0.00	0.11	0.63	-0.33	0.00	-0.25	1.15	0.33	0.75	-0.33	0.95	-0.24	-1.17	-11.14490838
2697	0.00	-0.80	0.59	1.59	0.71	0.27	1.56	-0.98	0.65	-0.08	-0.93	0.43	-0.01	0.00	0.11	0.64	-0.33	0.00	-0.95	1.71	-0.65	0.00	-0.33	-0.09	0.46	-1.15	-9.023286721
2698	0.30	-0.57	0.59	1.59	0.71	0.27	1.56	-0.95	0.65	-0.63	-1.09	0.43	-0.01	0.00	0.11	0.64	-0.33	0.00	-1.35	1.43	-0.69	0.00	-0.33	-0.09	0.46	-1.15	-9.79119137
2699	0.49	-0.74	0.76	1.59	0.71	1.86	1.56	-1.14	1.59	-0.44	-0.68	0.43	0.34	0.00	0.11	1.63	-0.33	0.00	-1.06	1.43	1.16	0.00	-0.33	-0.09	0.46	-1.15	6.422193145
2700	0.19	-0.97	0.45	1.59	0.71	0.80	1.56	-1.17	0.68	0.10	-0.52	0.43	0.00	0.00	0.11	0.68	-0.33	0.00	-0.67	1.71	0.02	0.00	-0.33	-0.09	0.46	-1.15	-6.048133976
2701	-0.53	-0.22	0.67	0.00	-0.33	0.27	1.56	-1.04	0.97	-0.81	-0.99	0.43	0.11	0.00	0.11	0.99	-0.33	0.00	-1.04	1.71	-1.27	-0.25	-0.33	-0.09	-0.24	-0.63	-13.38757131
2702	-0.23	0.01	0.67	0.00	-0.33	0.27	1.56	-1.01	0.97	-1.35	-1.15	0.43	0.11	0.00	0.11	0.98	-0.33	0.00	-1.43	1.43	-0.31	-0.25	-0.33	-0.09	-0.24	-0.63	-14.15547354
2703	-0.04	-0.17	0.84	0.00	-0.33	1.33	1.56	-1.21	1.01	-1.17	-0.74	0.43	0.12	0.00	0.11	1.02	-0.33	0.00	-1.48	0.87	1.00	-0.25	-0.33	-0.09	-0.24	-0.63	-9.039648026
2704	-0.34	-0.39	0.52	0.00	-0.33	0.27	1.56	-1.24	0.10	-0.63	-0.59	0.43	-0.22	0.00	0.11	0.07	-0.33	0.00	-1.08	1.15	-0.14	-0.25	-0.33	-0.09	-0.24	-0.63	-21.50997346
2705	-0.40	-0.46	0.69	-0.79	-0.33	-0.79	1.56	-1.01	0.86	-0.81	0.12	0.43	2.99	0.00	0.11	0.87	3.02	0.00	-0.93	1.71	-0.83	1.01	3.02	0.95	-1.63	-0.54	16.35430919
2706	-0.10	-0.23	0.69	-0.79	-0.33	-0.79	1.56	-0.98	0.86	-1.35	-0.03	0.43	2.99	0.00	0.11	0.87	3.02	0.00	-1.32	1.43	-0.86	1.01	3.02	0.95	-1.63	-0.54	15.58640454
2707	0.09	-0.41	0.87	-0.79	-0.33	0.27	1.56	-1.18	0.90	-1.17	0.37	0.43	3.00	0.00	0.11	0.91	3.02	0.00	-1.37	0.87	0.44	1.01	3.02	0.95	-1.63	-0.54	20.70223211
2708	-0.21	-0.63	0.55	-0.79	-0.33	-0.79	1.56	-1.21	-0.01	-0.63	0.53	0.43	2.66	0.00	0.11	-0.05	3.02	0.00	-0.97	1.15	-0.69	1.01	3.02	0.95	-1.63	-0.54	8.23190667
2709	0.13	-1.07	0.61	-0.79	0.02	-0.79	1.56	-0.95	0.48	-0.08	0.19	0.43	2.85	0.00	0.11	0.47	3.02	0.00	-0.85	1.71	-1.27	1.26	3.02	0.95	-0.93	-1.09	7.750840819
2710	0.43	-0.84	0.61	-0.79	0.02	-0.79	1.56	-0.91	0.48	-0.63	0.03	0.43	2.85	0.00	0.11	0.47	3.02	0.00	-1.24	1.43	-1.31	1.26	3.02	0.95	-0.93	-1.09	6.98293822
2711	0.62	-1.01	0.79	-0.79	0.02	0.80	1.56	-1.11	1.42	-0.44	0.43	0.43	3.20	0.00	0.11	1.46	3.02	0.00	-0.96	1.43	0.54	1.26	3.02	0.95	-0.93	-1.09	23.19632069
2712	0.33	-1.24	0.47	-0.79	0.02	-0.26	1.56	-1.14	0.51	0.10	0.59	0.43	2.86	0.00	0.11	0.50	3.02	0.00	-0.56	1.71	-0.60	1.26	3.02	0.95	-0.93	-1.09	10.72599581
2713	-1.65	0.58	-0.36	-0.79	-0.68	-0.79	1.56	-1.15	-0.01	-1.54	-1.19	0.43	-0.26	0.00	0.11	-0.05	-0.33	0.00	-1.18	1.71	-0.92	-0.75	-0.33	-0.09	-1.63	0.40	-25.98436944
2714	-1.35	0.81	-0.36	-0.79	-0.68	-0.79	1.56	-1.11	-0.02	-2.08	-1.35	0.43	-0.26	0.00	0.11	-0.05	-0.33	0.00	-1.58	1.43	-0.96	-0.75	-0.33	-0.09	-1.63	0.40	-26.75227391
2715	-1.16	0.63	-0.18	-0.79	-0.68	0.27	1.56	-1.31	0.02	-1.90	-0.68	0.43	-0.24	0.00	0.11	-0.02	-0.33	0.00	-1.62	0.87	0.34	-0.75	-0.33	-0.09	-1.63	0.40	-21.63644652
2716	-1.46	0.41	-0.50	-0.79	-0.68	-0.79	1.56	-1.34	-0.88	-1.35	-0.79	0.43	-0.58	0.00	0.11	-0.97	-0.33	0.00	-1.23	1.15	-0.79	-0.75	-0.33	-0.09	-1.63	0.40	-34.10677383
2717	-1.12	-0.03	-0.44	-0.79	-0.33	-0.79	1.56	-1.08	-0.40	-0.81	-1.13	0.43	-0.40	0.00	0.11	-0.46	-0.33	0.00	-1.10	1.71	-1.37	-0.50	-0.33	-0.09	-0.93	-0.15	-34.58783782
2718	-0.82	0.20	-0.44	-0.79	-0.33	-0.79	1.56	-1.05	-0.40	-1.35	-1.29	0.43	-0.40	0.00	0.11	-0.46	-0.33	0.00	-1.50	1.43	-1.41	-0.50	-0.33	-0.09	-0.93	-0.15	-35.35574247
2719	-0.63	0.03	-0.26	-0.79	-0.33	0.80	1.56	-1.25	0.55	-1.17	-0.88	0.43	-0.05	0.00	0.11	0.54	-0.33	0.00	-1.21	1.43	0.44	-0.50	-0.33	-0.09	-0.93	-0.15	-19.14235777
2720	-0.93	-0.20	-0.58	-0.79	-0.33	-0.26	1.56	-1.28	-0.36	-0.63	-0.72	0.43	-0.39	0.00	0.11	-0.42	-0.33	0.00	-0.82	1.71	-0.70	-0.50	-0.33	-0.09	-0.93	-0.15	-31.61268284
2721	-1.65	0.54	-0.26	0.80	-0.68	-0.52	1.56	-1.15	0.07	-1.72	-1.19	0.43	-0.23	0.00	0.11	0.03	-0.33	0.00	-1.25	1.71	-0.78	-0.75	-0.33	-0.09	-1.63	0.31	-14.64910909
2722	-1.35	0.77	-0.26	0.80	-0.68	-0.52	1.56	-1.11	0.07	-2.26	-1.35	0.43	-0.23	0.00	0.11	0.03	-0.33	0.00	-1.65	1.43	-0.82	-0.75	-0.33	-0.09	-1.63	0.31	-15.41701169
2723	-1.16	0.60	-0.08	0.80	-0.68	0.54	1.56	-1.31	0.11	-2.08	-0.94	0.43	-0.21	0.00	0.11	0.07	-0.33	0.00	-1.69	0.87	0.49	-0.75	-0.33	-0.09	-1.63	0.31	-10.30118618
2724	-1.46	0.37	-0.40	0.80	-0.68	-0.52	1.56	-1.34	-0.80	-1.54	-0.79	0.43	-0.55	0.00	0.11	-0.89	-0.33	0.00	-1.30	1.15	-0.64	-0.75	-0.33	-0.09	-1.63	0.31	-22.77151161
2725	-1.12	-0.06	-0.34	0.80	-0.33	-1.13	1.56	-1.08	-0.31	-0.99	-0.33	0.43	-0.37	0.00	0.11	-0.37	-0.33	0.00	-1.17	1.71	-1.22	-0.50	-0.33	-0.09	-0.93	-0.24	-23.25257561
2726	-0.82	0.16	-0.34	0.80	-0.33	-0.52	1.56	-1.05	-0.32	-1.54	-1.29	0.43	-0.37	0.00	0.11	-0.37	-0.33	0.00	-1.56	1.43	-1.26	-0.50	-0.3				

2764	1.11	-1.84	0.94	0.00	0.71	1.07	1.56	-1.17	1.10	-0.08	-1.11	0.43	0.16	0.00	0.00	1.21	-0.21	-0.33	0.00	-0.85	1.71	-1.50	0.25	-0.33	-0.09	1.16	1.59	29.16058383
2765	0.39	-1.09	1.16	-1.59	-0.33	0.54	1.56	-1.04	1.38	-0.99	-1.58	0.43	0.27	0.00	0.00	1.21	0.10	-0.33	0.00	-1.22	1.71	-1.80	0.00	-0.33	-0.09	0.46	-1.07	-36.50002116
2766	0.68	-0.87	1.16	-1.59	-0.33	0.54	1.56	-1.01	1.38	-1.54	-1.74	0.43	0.27	0.00	0.00	1.21	0.10	-0.33	0.00	-1.62	1.43	-1.84	0.00	-0.33	-0.09	0.46	-1.07	-37.2679234
2767	0.87	-1.04	1.33	-1.59	-0.33	1.60	1.56	-1.21	1.42	-1.35	-1.33	0.43	0.28	0.00	0.00	1.21	0.14	-0.33	0.00	-1.66	0.87	-0.53	0.00	-0.33	-0.09	0.46	-1.07	-32.15209788
2768	0.58	-1.27	1.01	-1.59	-0.33	0.54	1.56	-1.24	0.52	-0.81	-1.17	0.43	-0.06	0.00	0.00	1.21	-0.82	-0.33	0.00	-1.27	1.15	-1.67	0.00	-0.33	-0.09	0.46	-1.07	-44.62242314
2769	-0.58	-0.26	0.04	-0.79	-1.02	-1.05	1.56	-1.29	0.31	-0.81	-0.71	0.43	-0.14	0.00	0.00	0.86	-0.61	-0.33	0.00	-0.84	1.71	-1.25	-0.50	-0.33	-0.09	-0.93	0.05	-29.71392489
2770	-0.28	-0.03	0.03	-0.79	-1.02	-1.05	1.56	-1.26	0.31	-1.35	-0.87	0.43	-0.14	0.00	0.00	0.86	-0.62	-0.33	0.00	-1.24	1.43	-1.29	-0.50	-0.33	-0.09	-0.93	0.05	-30.48182712
2771	-0.09	-0.20	0.21	-0.79	-1.02	0.01	1.56	-1.46	0.35	-1.17	-0.46	0.43	-0.12	0.00	0.00	0.86	-0.58	-0.33	0.00	-1.28	0.87	0.01	-0.50	-0.33	-0.09	-0.93	0.05	-25.36599956
2772	-0.38	-0.43	-0.11	-0.79	-1.02	-1.05	1.56	-1.49	-0.56	-0.63	-0.31	0.43	-0.46	0.00	0.00	0.86	-1.53	-0.33	0.00	-0.89	1.15	-1.12	-0.50	-0.33	-0.09	-0.93	0.05	-37.83632704
2773	-0.04	-0.86	-0.04	-0.79	-0.68	-1.05	1.56	-1.22	-0.07	-0.08	-0.65	0.43	-0.28	0.00	0.00	0.86	-1.02	-0.33	0.00	-0.76	1.71	-1.70	-0.25	-0.33	-0.09	-0.24	-0.50	-38.31739085
2774	0.25	-0.64	-0.04	-0.79	-0.68	-1.05	1.56	-1.19	-0.07	-0.63	-0.81	0.43	-0.28	0.00	0.00	0.86	-1.02	-0.33	0.00	-1.15	1.43	-1.74	-0.25	-0.33	-0.09	-0.24	-0.50	-39.08529549
2775	0.44	-0.81	0.13	-0.79	-0.68	0.54	1.56	-1.39	0.87	-0.44	-0.64	0.43	0.07	0.00	0.00	0.86	-0.03	-0.33	0.00	-0.87	1.43	0.11	-0.25	-0.33	-0.09	-0.24	-0.50	-22.87191079
2776	0.15	-1.04	-0.19	-0.79	-0.68	-0.52	1.56	-1.42	-0.04	0.10	-0.24	0.43	-0.27	0.00	0.00	0.86	-0.98	-0.33	0.00	-0.48	1.71	-1.03	-0.25	-0.33	-0.09	-0.24	-0.50	-35.34223827
2777	-0.34	-0.94	0.66	-0.79	-0.68	0.01	1.56	-1.14	0.84	-0.44	-0.84	0.43	0.06	0.00	0.00	0.86	-0.06	-0.33	0.00	-0.71	1.71	-1.06	-0.50	-0.33	-0.09	-0.93	-0.51	-30.28004611
2778	-0.04	-0.71	0.66	-0.79	-0.68	0.01	1.56	-1.11	0.83	-0.99	-0.68	0.43	0.06	0.00	0.00	0.86	-0.06	-0.33	0.00	-1.10	1.43	-1.10	-0.50	-0.33	-0.09	-0.93	-0.51	-31.04795076
2779	0.15	-0.88	0.83	-0.79	-0.68	1.07	1.56	-1.30	0.87	-0.81	-0.59	0.43	0.07	0.00	0.00	0.86	-0.02	-0.33	0.00	-1.15	0.87	0.21	-0.50	-0.33	-0.09	-0.93	-0.51	-25.9321232
2780	-0.15	-1.11	0.51	-0.79	-0.68	0.01	1.56	-1.34	-0.03	-0.26	-0.43	0.43	-0.27	0.00	0.00	0.86	-0.98	-0.33	0.00	-0.75	1.15	-0.92	-0.50	-0.33	-0.09	-0.93	-0.51	-38.40245068
2781	0.19	-1.54	0.58	-0.79	-0.33	0.01	1.56	-1.07	0.45	0.28	-0.78	0.43	-0.08	0.00	0.00	0.86	-0.47	-0.33	0.00	-0.63	1.71	-1.50	-0.25	-0.33	-0.09	-0.24	-1.06	-38.88351467
2782	0.49	-1.32	0.58	-0.79	-0.33	0.01	1.56	-1.04	0.45	-0.26	-0.93	0.43	-0.08	0.00	0.00	0.86	-0.47	-0.33	0.00	-1.02	1.43	-1.54	-0.25	-0.33	-0.09	-0.24	-1.06	-39.65141932
2783	0.68	-1.49	0.75	-0.79	-0.33	1.60	1.56	-1.24	1.39	-0.08	-0.53	0.43	0.27	0.00	0.00	0.86	0.53	-0.33	0.00	-0.74	1.43	0.31	-0.25	-0.33	-0.09	-0.24	-1.06	-23.43803462
2784	0.38	-1.71	0.44	-0.79	-0.33	0.54	1.56	-1.27	0.49	0.46	-0.37	0.43	-0.07	0.00	0.00	0.86	-0.43	-0.33	0.00	-0.34	1.71	-0.83	-0.25	-0.33	-0.09	-0.24	-1.06	-35.90835951
2785	0.43	-2.14	1.90	-1.59	1.40	0.01	1.56	-0.50	1.91	0.28	-0.64	0.43	0.46	0.00	0.00	0.86	1.08	-0.33	0.00	0.18	1.71	-0.14	1.01	-0.33	0.95	0.46	-1.61	-15.56815374
2786	0.72	-1.92	1.90	-1.59	1.40	0.01	1.56	-0.46	1.91	-0.26	-0.80	0.43	0.46	0.00	0.00	0.86	1.08	-0.33	0.00	-0.21	1.43	-0.18	1.01	-0.33	0.95	0.46	-1.61	-16.33605597
2787	0.92	-2.09	2.07	-1.59	1.40	1.07	1.56	-0.66	1.95	-0.08	-0.39	0.43	0.48	0.00	0.00	0.86	1.12	-0.33	0.00	-0.26	0.87	1.13	1.01	-0.33	0.95	0.46	-1.61	-11.22023082
2788	0.62	-2.31	1.75	-1.59	1.40	0.01	1.56	-0.69	1.04	0.46	-0.23	0.43	0.14	0.00	0.00	0.86	0.16	-0.33	0.00	0.14	1.15	-0.01	1.01	-0.33	0.95	0.46	-1.61	-23.69055589
2789	1.08	-1.67	1.08	0.00	0.71	0.54	1.56	-0.98	1.05	0.83	-0.61	0.43	0.14	0.00	0.00	0.86	0.16	-0.33	0.00	-0.57	1.71	-0.98	0.25	-0.33	-0.09	1.16	-1.59	-21.56893647
2790	1.37	-1.44	1.08	0.00	0.71	0.54	1.56	-0.95	1.05	0.28	-0.77	0.43	0.14	0.00	0.00	0.86	0.16	-0.33	0.00	-0.96	1.43	-1.02	0.25	-0.33	-0.09	1.16	-1.59	-22.33683888
2791	1.56	-1.62	1.25	0.00	0.71	2.13	1.56	-1.14	2.00	0.46	-0.36	0.43	0.49	0.00	0.00	0.86	1.16	-0.33	0.00	-0.68	1.43	0.82	0.25	-0.33	-0.09	1.16	-1.59	-6.123456414
2792	1.27	-1.84	0.93	0.00	0.71	1.07	1.56	-1.17	1.09	1.01	-0.21	0.43	0.15	0.00	0.00	0.86	0.20	-0.33	0.00	-0.28	1.71	-0.31	0.25	-0.33	-0.09	1.16	-1.59	-18.59378168
2793	0.54	-1.09	1.16	-1.59	-0.33	0.54	1.56	-1.04	1.37	0.10	-0.67	0.43	0.26	0.00	0.00	0.86	0.51	-0.33	0.00	-0.65	1.71	-0.61	0.00	-0.33	-0.09	0.46	-1.07	-25.93321882
2794	0.84	-0.87	1.16	-1.59	-0.33	0.54	1.56	-1.01	1.37	-0.44	-0.83	0.43	0.26	0.00	0.00	0.86	0.51	-0.33	0.00	-1.04	1.43	-0.64	0.00	-0.33	-0.09	0.46	-1.07	-26.7011231
2795	1.03	-1.04	1.33	-1.59	-0.33	1.60	1.56	-1.21	1.41	-0.26	-0.43	0.43	0.28	0.00	0.00	0.86	0.55	-0.33	0.00	-1.09	0.87	0.66	0.00	-0.33	-0.09	0.46	-1.07	-21.58529554
2796	0.74	-1.27	1.01	-1.59	-0.33	0.54	1.56	-1.24	0.51	0.28	-0.27	0.43	-0.06	0.00	0.00	0.86	-0.41	-0.33	0.00	-0.69	1.15	-0.47	0.00	-0.33	-0.09	0.46	-1.07	-34.05562097
2797	-0.04	-0.57	1.06	-0.79	-1.37	0.27	1.09	-0.78	1.10	0.28	0.53	0.03	3.08	0.00	0.00	1.11	-0.09	3.02	0.00	-0.24	1.71	0.41	1.76	3.02	1.47	-0.93	-0.81	34.3510016
2798	0.25	-0.34	1.06	-0.79	-1.37	0.27	1.09	-0.75	1.09	-0.26	0.37	0.03	3.08	0.00	0.00	1.11	-0.09	3.02	0.00	-0.63	1.43	0.37	1.76	3.02	1.47	-0.93	-0.81	33.58309695
2799	0.44	-0.51	1.24	-0.79	-1.37	1.33	1.09	-0.95	1.13	-0.08	0.78	0.03	3.09	0.00	0.00	1.11	-0.05	3.02	0.00	-0.68	0.87	1.67	1.76	3.02	1.47	-0.93	-0.81	38.69892451
2800	0.15	-0.74	0.92	-0.79	-1.37	0.27	1.09	-0.98	0.23	0.46	0.93	0.03	2.75	0.00	0.00	1.11	-1.01	3.02	0.00	-0.29	1.15	0.54	1.76	3.02	1.47	-0.93	-0.81	26.22859759
2801	0.49	-1.18	0.98	-0.79	-1.02	0.27	1.09	-0.72	0.71	1.01	0.59	0.03	2.93	0.00	0.00	1.11	-0.49	3.02	0.00	-0.16	1.71	-0.04	2.01	3.02	1.47	-0.24	-1.36	25.74753323
2802	0.78	-0.95	0.98	-0.79	-1.02	0.27	1.09	-0.69	0.71	0.46	0.43	0.03	2.93	0.00	0.00	1.11	-0.49	3.02	0.00	-0.55	1.43	-0.08	2.01	3.02	1.47	-0.24	-1.36	24.97962894
2803	0.97	-1.12	1.16	-0.79	-1.02	1.86	1.09	-0.88	1.65	0.65	0.84	0.03	3.29	0.00	0.00	1.11	0.50	3.02	0.00	-0.27	1.43	1.77	2.01	3.02	1.47	-0.24	-1.36	41.19301328
2804	0.68	-1.35	0.84	-0.79	-1.02	0.80	1.09	-0.92	0.75	1.19	1.00	0.03	2.95	0.00	0.00	1.11	-0.46	3.02	0.00	0.13	1.71	0.64	2.01	3.02	1.47	-0.24	-1.36	28.72268839
2805	-1.30	0.47	0.01	-0.79	-1.72	-0.26	1.09	-0.92	0.22	-0.44	-0.79	0.03	-0.17	0.00	0.00	1.11	-1.01	-0.33	0.00	-0.50	1.71	0.31	0.00	-0.33	0.43	-0.93	0.14	-9.036349647
2806	-1.00	0.70	0.01	-0.79	-1.72	-0.26	1.09	-0.89	0.22	-0.99	-0.94	0.03	-0.17	0.00	0.00	1.11	-1.01	-0.33	0.00	-0.89	1.43	0.27	0.00	-0.33	0.43	-0.93	0.14	-9.804252072
2807	-0.81	0.52	0.19	-0.79	-1.72	0.80	1.09	-1.08	0.26	-0.81	-0.54	0.03	-0.16	0.00	0.00	1.11	-0.97	-0.33	0.00	-0.94	0.87	1.58	0.00	-0.33	0.43	-0.93	0.14	-4.688424681
2808	-1.10	0.30	-0.13	-0.79	-1.72	-0.26	1.09	-1.11	-0.65	-0.26	-0.38	0.03	-0.50	0.00	0.00	1.11	-1.93	-0.33	0.00	-0.54	1.15	0.44	0.00	-0.33	0.43	-0.93	0.14	-17.15875162
2809	-0.77	-0.14	-0.06	-0.79	-1.37	-0.26	1																					

2932	0.82	-2.31	1.84	-1.59	0.36	1.07	1.09	-0.46	1.06	0.28	-1.14	0.03	0.14	0.00	0.00	2.23	-1.49	-0.33	0.00	0.20	1.15	-0.12	1.76	-0.33	1.47	1.16	-1.61	17.13549399
2933	1.27	-1.67	1.17	0.00	-0.33	1.60	1.09	-0.75	1.07	0.65	-1.52	0.03	0.14	0.00	0.00	2.23	-1.48	-0.33	0.00	-0.50	1.71	-1.10	1.01	-0.33	0.43	1.85	-1.59	-15.01387474
2934	1.57	-1.44	1.16	0.00	-0.33	1.60	1.09	-0.72	1.07	0.10	-1.67	0.03	0.14	0.00	0.00	2.23	-1.48	-0.33	0.00	-0.89	1.43	-1.14	1.01	-0.33	0.43	1.85	-1.59	-15.78177717
2935	1.76	-1.62	1.34	0.00	-0.33	3.19	1.09	-0.92	2.01	0.28	-1.27	0.03	0.50	0.00	0.00	2.23	-0.49	-0.33	0.00	-0.61	1.43	0.71	1.01	-0.33	0.43	1.85	-1.59	0.431605486
2936	1.46	-1.84	1.02	0.00	-0.33	2.13	1.09	-0.95	1.10	0.83	-1.11	0.03	0.16	0.00	0.00	2.23	-1.44	-0.33	0.00	-0.22	1.71	-0.42	1.01	-0.33	0.43	1.85	-1.59	-12.03871958
2937	0.74	-1.09	1.24	-1.59	-1.37	1.60	1.09	-0.82	1.39	-0.08	-1.58	0.03	0.27	0.00	0.00	2.23	-1.13	-0.33	0.00	-0.58	1.71	-0.72	0.75	-0.33	0.43	1.16	-1.07	-19.37815692
2938	1.04	-0.87	1.24	-1.59	-1.37	1.60	1.09	-0.78	1.39	-0.63	-1.74	0.03	0.27	0.00	0.00	2.23	-1.14	-0.33	0.00	-0.98	1.43	-0.76	0.75	-0.33	0.43	1.16	-1.07	-20.14606137
2939	1.23	-1.04	1.42	-1.59	-1.37	2.66	1.09	-0.98	1.43	-0.44	-1.33	0.03	0.28	0.00	0.00	2.23	-1.10	-0.33	0.00	-1.02	0.87	0.55	0.75	-0.33	0.43	1.16	-1.07	-15.03023381
2940	0.93	-1.27	1.10	-1.59	-1.37	1.60	1.09	-1.01	0.52	0.10	-1.17	0.03	-0.06	0.00	0.00	2.23	-2.05	-0.33	0.00	-0.63	1.15	-0.58	0.75	-0.33	0.43	1.16	-1.07	-27.50056129
2941	-0.22	-0.26	0.12	-0.79	-2.06	0.01	1.09	-1.06	0.31	0.10	-0.71	0.03	-0.14	0.00	0.00	1.88	-1.85	-0.33	0.00	-0.20	1.71	-0.17	0.25	-0.33	0.43	-0.24	0.05	-12.59206063
2942	0.07	-0.03	0.12	-0.79	-2.06	0.01	1.09	-1.03	0.31	-0.44	-0.87	0.03	-0.14	0.00	0.00	1.88	-1.85	-0.33	0.00	-0.60	1.43	-0.21	0.25	-0.33	0.43	-0.24	0.05	-13.3599651
2943	0.27	-0.20	0.29	-0.79	-2.06	1.07	1.09	-1.23	0.35	-0.26	-0.46	0.03	-0.12	0.00	0.00	1.88	-1.81	-0.33	0.00	-0.64	0.87	1.09	0.25	-0.33	0.43	-0.24	0.05	-8.244137711
2944	-0.03	-0.43	-0.03	-0.79	-2.06	0.01	1.09	-1.26	-0.55	0.28	-0.31	0.03	-0.46	0.00	0.00	1.88	-2.77	-0.33	0.00	-0.25	1.15	-0.04	0.25	-0.33	0.43	-0.24	0.05	-20.71446297
2945	0.31	-0.86	0.04	-0.79	-1.72	0.01	1.09	-1.00	-0.07	0.83	-0.65	0.03	-0.28	0.00	0.00	1.88	-2.26	-0.33	0.00	-0.12	1.71	-0.62	0.50	-0.33	0.43	0.46	-0.50	-21.19552919
2946	0.60	-0.64	0.04	-0.79	-1.72	0.01	1.09	-0.96	-0.07	0.28	-0.81	0.03	-0.28	0.00	0.00	1.88	-2.26	-0.33	0.00	-0.52	1.43	-0.66	0.50	-0.33	0.43	0.46	-0.50	-21.96343161
2947	0.80	-0.81	0.21	-0.79	-1.72	1.60	1.09	-1.16	0.87	0.46	-0.40	0.03	0.07	0.00	0.00	1.88	-1.26	-0.33	0.00	-0.23	1.43	1.19	0.50	-0.33	0.43	0.46	-0.50	-5.750048959
2948	0.50	-1.04	-0.11	-0.79	-1.72	0.54	1.09	-1.19	-0.03	1.01	-0.24	0.03	-0.27	0.00	0.00	1.88	-2.22	-0.33	0.00	0.16	1.71	0.05	0.50	-0.33	0.43	0.46	-0.50	-18.22037403
2949	0.02	-0.94	0.74	-0.79	-1.72	1.07	1.09	-0.91	0.84	0.46	-0.84	0.03	0.06	0.00	0.00	1.88	-1.30	-0.33	0.00	-0.07	1.71	0.02	0.25	-0.33	0.43	-0.24	-0.51	-13.15818428
2950	0.31	-0.71	0.74	-0.79	-1.72	1.07	1.09	-0.88	0.84	-0.08	-1.00	0.03	0.06	0.00	0.00	1.88	-1.30	-0.33	0.00	-0.47	1.43	-0.01	0.25	-0.33	0.43	-0.24	-0.51	-13.92608893
2951	0.50	-0.88	0.91	-0.79	-1.72	2.13	1.09	-1.08	0.88	0.10	-0.59	0.03	0.07	0.00	0.00	1.88	-1.26	-0.33	0.00	-0.51	0.87	1.29	0.25	-0.33	0.43	-0.24	-0.51	-8.810261365
2952	0.21	-1.11	0.60	-0.79	-1.72	1.07	1.09	-1.11	-0.03	0.65	-0.43	0.03	-0.27	0.00	0.00	1.88	-2.22	-0.33	0.00	-0.12	1.15	0.16	0.25	-0.33	0.43	-0.24	-0.51	-21.28058643
2953	0.55	-1.54	0.66	-0.79	-1.37	1.07	1.09	-0.84	0.46	1.19	-0.78	0.03	-0.08	0.00	0.00	1.88	-1.70	-0.33	0.00	0.01	1.71	-0.42	0.50	-0.33	0.43	0.46	-1.06	-21.76165284
2954	0.84	-1.32	0.66	-0.79	-1.37	1.07	1.09	-0.81	0.45	0.65	-0.93	0.03	-0.08	0.00	0.00	1.88	-1.71	-0.33	0.00	-0.38	1.43	-0.46	0.50	-0.33	0.43	0.46	-1.06	-22.52955488
2955	1.03	-1.49	0.84	-0.79	-1.37	2.66	1.09	-1.01	1.40	0.83	-0.53	0.03	0.27	0.00	0.00	1.88	-0.71	-0.33	0.00	-0.10	1.43	1.39	0.50	-0.33	0.43	0.46	-1.06	-6.316172785
2956	0.74	-1.71	0.52	-0.79	-1.37	1.60	1.09	-1.04	0.49	1.37	-0.37	0.03	-0.07	0.00	0.00	1.88	-1.67	-0.33	0.00	0.30	1.71	0.25	0.50	-0.33	0.43	0.46	-1.06	-18.78649768
2957	0.78	-2.14	1.98	-1.59	0.36	1.07	1.09	-0.27	1.92	1.19	-0.64	0.03	0.47	0.00	0.00	1.88	-0.16	-0.33	0.00	0.82	1.71	0.94	1.76	-0.33	1.47	1.16	-1.61	1.553710509
2958	1.08	-1.92	1.98	-1.59	0.36	1.07	1.09	-0.24	1.91	0.65	-0.80	0.03	0.46	0.00	0.00	1.88	-0.16	-0.33	0.00	0.42	1.43	0.90	1.76	-0.33	1.47	1.16	-1.61	0.78580586
2959	1.27	-2.09	2.15	-1.59	0.36	2.13	1.09	-0.43	1.95	0.83	-0.39	0.03	0.48	0.00	0.00	1.88	-0.12	-0.33	0.00	0.38	0.87	2.21	1.76	-0.33	1.47	1.16	-1.61	5.901633425
2960	0.97	-2.31	1.83	-1.59	0.36	1.07	1.09	-0.46	1.05	1.37	-0.23	0.03	0.14	0.00	0.00	1.88	-1.08	-0.33	0.00	0.77	1.15	1.07	1.76	-0.33	1.47	1.16	-1.61	-6.568694059
2961	1.43	-1.67	1.16	0.00	-0.33	1.60	1.09	-0.75	1.06	1.74	-0.61	0.03	0.14	0.00	0.00	1.88	-1.07	-0.33	0.00	0.07	1.71	0.10	1.01	-0.33	0.43	1.85	-1.59	-4.447072398
2962	1.72	-1.44	1.16	0.00	-0.33	1.60	1.09	-0.72	1.06	1.19	-0.77	0.03	0.14	0.00	0.00	1.88	-1.08	-0.33	0.00	-0.32	1.43	0.06	1.01	-0.33	0.43	1.85	-1.59	-5.214977048
2963	1.92	-1.62	1.33	0.00	-0.33	3.19	1.09	-0.92	2.00	1.37	-0.36	0.03	0.49	0.00	0.00	1.88	-0.08	-0.33	0.00	-0.04	1.43	1.91	1.01	-0.33	0.43	1.85	-1.59	-10.99840766
2964	1.62	-1.84	1.02	0.00	-0.33	2.13	1.09	-0.95	1.09	1.92	-0.21	0.03	0.15	0.00	0.00	1.88	-1.04	-0.33	0.00	0.36	1.71	0.77	1.01	-0.33	0.43	1.85	-1.59	-1.47191741
2965	0.90	-1.09	1.24	-1.59	-1.37	1.60	1.09	-0.82	1.38	1.01	-0.67	0.03	0.26	0.00	0.00	1.88	-0.73	-0.33	0.00	-0.01	1.71	0.48	0.75	-0.33	0.43	1.16	-1.07	-8.811354745
2966	1.19	-0.87	1.24	-1.59	-1.37	1.60	1.09	-0.78	1.38	0.46	-0.83	0.03	0.26	0.00	0.00	1.88	-0.73	-0.33	0.00	-0.41	1.43	0.44	0.75	-0.33	0.43	1.16	-1.07	-9.57925922
2967	1.39	-1.04	1.41	-1.59	-1.37	2.66	1.09	-0.98	1.42	0.65	-0.43	0.03	0.28	0.00	0.00	1.88	-0.69	-0.33	0.00	-0.45	0.87	1.74	0.75	-0.33	0.43	1.16	-1.07	-4.463431655
2968	1.09	-1.27	1.09	-1.59	-1.37	1.60	1.09	-1.01	0.51	1.19	-0.27	0.03	-0.06	0.00	0.00	1.88	-1.65	-0.33	0.00	-0.06	1.15	0.61	0.75	-0.33	0.43	1.16	-1.07	-16.93375914
2969	0.79	-1.23	1.57	-1.59	0.36	-1.05	-0.94	-0.57	1.69	2.46	1.44	5.24	-2.89	0.00	0.00	-3.09	-3.59	-0.33	0.00	3.26	-0.51	-1.89	-0.75	-0.33	-1.13	1.16	-1.10	-37.47981562
2970	1.08	-1.00	1.57	-1.59	0.36	-1.05	-0.94	-0.53	1.68	1.92	1.28	5.24	-2.89	0.00	0.00	-3.09	-3.60	-0.33	0.00	2.87	-0.79	-1.93	-0.75	-0.33	-1.13	1.16	-1.10	-38.24771805
2971	1.27	-1.18	1.74	-1.59	0.36	0.01	-0.94	-0.73	1.72	2.10	1.69	5.24	-2.88	0.00	0.00	-3.09	-3.56	-0.33	0.00	2.82	-1.35	-0.63	-0.75	-0.33	-1.13	1.16	-1.10	-33.1318927
2972	0.98	-1.40	1.42	-1.59	0.36	-1.05	-0.94	-0.76	0.82	2.65	1.85	5.24	-3.22	0.00	0.00	-3.09	-4.51	-0.33	0.00	3.21	-1.07	-1.76	-0.75	-0.33	-1.13	1.16	-1.10	-45.6022176
2973	0.18	-1.23	1.75	-1.59	0.71	-1.58	-0.94	-0.57	1.68	2.83	1.44	5.24	-2.10	0.00	0.00	-2.67	-1.89	-0.33	0.00	3.45	-0.51	-1.12	0.00	-0.33	-0.61	1.85	-1.10	-19.47053898
2974	0.48	-1.00	1.75	-1.59	0.71	-1.58	-0.94	-0.53	1.68	2.28	1.28	5.24	-2.11	0.00	0.00	-2.67	-1.89	-0.33	0.00	3.06	-0.79	-1.16	0.00	-0.33	-0.61	1.85	-1.10	-20.23844346
2975	0.67	-1.18	1.92	-1.59	0.71	-0.52	-0.94	-0.73	1.72	2.46	1.69	5.24	-2.09	0.00	0.00	-2.67	-1.85	-0.33	0.00	3.01	-1.35	0.15	0.00	-0.33	-0.61	1.85	-1.10	-15.12261589
2976	0.37	-1.40	1.60	-1.59	0.71	-1.58	-0.94	-0.76	0.82	3.01	1.85	5.24	-2.43	0.00	0.00	-2.67	-2.81	-0.33	0.00	3.40	-1.07	-0.99	0.00	-0.33	-0.61	1.85	-1.10	-27.59294096
2977	0.39	-0.69	1.60	-1.59	-0.33	-1.58	-0.9																					

3016	0.44	-0.31	-0.20	-0.79	0.36	-0.26	-0.94	-0.94	-0.10	1.01	-0.32	-0.94	-0.29	0.00	0.00	0.34	-0.42	-0.33	0.00	0.88	-0.51	0.63	0.00	-0.33	-0.09	0.46	-0.41	19.44755906
3017	-0.28	0.43	0.12	0.80	0.02	-0.52	-0.94	-0.81	0.33	-0.08	-0.79	-0.94	-0.13	0.00	0.00	0.34	0.03	-0.33	0.00	0.45	-0.51	0.55	-0.25	-0.33	-0.09	-0.24	0.05	-2.483983274
3018	0.01	0.66	0.12	0.80	0.02	-0.52	-0.94	-0.78	0.32	-0.63	-0.94	-0.94	-0.13	0.00	0.00	0.34	0.03	-0.33	0.00	0.05	-0.79	0.51	-0.25	-0.33	-0.09	-0.24	0.05	-3.251887922
3019	0.20	0.49	0.29	0.80	0.02	0.54	-0.94	-0.98	0.36	-0.44	-0.54	-0.94	-0.12	0.00	0.00	0.34	0.07	-0.33	0.00	0.01	-1.35	1.82	-0.25	-0.33	-0.09	-0.24	0.05	1.863939642
3020	-0.09	0.26	-0.03	0.80	0.02	-0.52	-0.94	-1.01	-0.54	0.10	-0.38	-0.94	-0.46	0.00	0.00	0.34	-0.89	-0.33	0.00	0.40	-1.07	0.69	-0.25	-0.33	-0.09	-0.24	0.05	-10.60638747
3021	0.25	-0.17	0.04	0.80	0.36	-0.52	-0.94	-0.74	-0.06	0.65	-0.72	-0.94	-0.28	0.00	0.00	0.34	-0.37	-0.33	0.00	0.53	-0.51	0.11	0.00	-0.33	-0.09	0.46	-0.50	-11.08745183
3022	0.54	0.05	0.04	0.80	0.36	-0.52	-0.94	-0.71	-0.06	0.10	-0.88	-0.94	-0.28	0.00	0.00	0.34	-0.38	-0.33	0.00	0.13	-0.79	0.07	0.00	-0.33	-0.09	0.46	-0.50	-11.85535612
3023	0.74	-0.12	0.22	0.80	0.36	1.07	-0.94	-0.91	0.88	0.28	-0.48	-0.94	0.08	0.00	0.00	0.34	-0.62	-0.33	0.00	0.42	-0.79	1.92	0.00	-0.33	-0.09	0.46	-0.50	4.358028222
3024	0.44	-0.35	-0.10	0.80	0.36	0.01	-0.94	-0.94	-0.02	0.83	-0.32	-0.94	-0.26	0.00	0.00	0.34	-0.34	-0.33	0.00	0.81	-0.51	0.78	0.00	-0.33	-0.09	0.46	-0.50	-8.112296846
3025	-0.05	-0.24	0.75	0.80	0.36	0.01	-0.94	-0.66	0.85	0.28	-0.91	-0.94	0.07	0.00	0.00	0.34	0.59	-0.33	0.00	0.58	-0.51	0.75	-0.25	-0.33	-0.09	-0.24	-0.51	-4.098799955
3026	0.25	-0.02	0.75	0.80	0.36	0.01	-0.94	-0.62	0.85	-0.26	-1.07	-0.94	0.07	0.00	0.00	0.34	0.59	-0.33	0.00	0.18	-0.79	0.71	-0.25	-0.33	-0.09	-0.24	-0.51	-4.866704062
3027	0.44	-0.19	0.92	0.80	0.36	1.07	-0.94	-0.82	0.89	-0.08	-0.67	-0.94	0.08	0.00	0.00	0.34	-0.63	-0.33	0.00	0.14	-1.35	2.02	-0.25	-0.33	-0.09	-0.24	-0.51	0.249122961
3028	0.15	-0.42	0.60	0.80	0.36	0.01	-0.94	-0.85	-0.02	0.46	-0.51	-0.94	-0.26	0.00	0.00	0.34	-0.33	-0.33	0.00	0.53	-1.07	0.89	-0.25	-0.33	-0.09	-0.24	-0.51	-12.22120398
3029	0.49	-0.85	0.67	0.80	0.71	0.01	-0.94	-0.59	0.47	1.01	-0.85	-0.94	-0.08	0.00	0.00	0.34	0.18	-0.33	0.00	0.66	-0.51	0.31	0.00	-0.33	-0.09	0.46	-1.06	-12.70226834
3030	0.78	-0.63	0.67	0.80	0.71	0.01	-0.94	-0.56	0.47	0.46	-1.01	-0.94	-0.08	0.00	0.00	0.34	0.18	-0.33	0.00	0.27	-0.79	0.27	0.00	-0.33	-0.09	0.46	-1.06	-13.47017262
3031	0.97	-0.80	0.84	0.80	0.71	1.60	-0.94	-0.76	1.41	0.65	-0.60	-0.94	0.27	0.00	0.00	0.34	1.18	-0.33	0.00	0.55	-0.79	2.11	0.00	-0.33	-0.09	0.46	-1.06	2.743212082
3032	0.68	-1.02	0.52	0.80	0.71	0.54	-0.94	-0.79	0.50	1.19	-0.45	-0.94	-0.07	0.00	0.00	0.34	0.22	-0.33	0.00	0.95	-0.51	0.98	0.00	-0.33	-0.09	0.46	-1.06	-9.727113353
3033	0.72	-1.45	1.99	0.00	2.45	0.01	-0.94	-0.01	1.93	1.01	-0.71	-0.94	0.47	0.00	0.00	0.34	1.73	-0.33	0.00	1.47	-0.51	1.67	1.26	-0.33	0.95	1.16	-1.61	10.61309279
3034	1.02	-1.23	1.98	0.00	2.45	0.01	-0.94	0.02	1.92	0.46	-0.87	-0.94	0.47	0.00	0.00	0.34	1.72	-0.33	0.00	1.07	-0.79	1.63	1.26	-0.33	0.95	1.16	-1.61	9.845190187
3035	1.21	-1.40	2.16	0.00	2.45	1.07	-0.94	-0.18	1.96	0.65	-0.47	-0.94	0.48	0.00	0.00	0.34	1.76	-0.33	0.00	1.03	-1.35	2.94	1.26	-0.33	0.95	1.16	-1.61	14.9610157
3036	0.91	-1.62	1.84	0.00	2.45	0.01	-0.94	-0.21	1.06	1.19	-0.31	-0.94	0.14	0.00	0.00	0.34	0.81	-0.33	0.00	1.42	-1.07	1.80	1.26	-0.33	0.95	1.16	-1.61	2.490690808
3037	1.37	-0.98	1.17	1.59	1.75	0.54	-0.94	-0.49	1.07	1.56	-0.69	-0.94	0.14	0.00	0.00	0.34	0.81	-0.33	0.00	0.72	-0.51	0.82	0.50	-0.33	-0.09	1.85	-1.59	4.612309688
3038	1.66	-0.75	1.16	1.59	1.75	0.54	-0.94	-0.46	1.07	1.01	-0.84	-0.94	0.14	0.00	0.00	0.34	0.81	-0.33	0.00	0.33	-0.79	0.79	0.50	-0.33	-0.09	1.85	-1.59	3.844407629
3039	1.86	-0.93	1.34	1.59	1.75	2.13	-0.94	-0.66	2.01	1.19	-0.44	-0.94	0.50	0.00	0.00	0.34	1.80	-0.33	0.00	0.61	-0.79	2.63	0.50	-0.33	-0.09	1.85	-1.59	20.05779197
3040	1.56	-1.15	1.02	1.59	1.75	1.07	-0.94	-0.69	1.10	1.74	-0.28	-0.94	0.16	0.00	0.00	0.34	0.85	-0.33	0.00	1.01	-0.51	1.50	0.50	-0.33	-0.09	1.85	-1.59	7.58746485
3041	0.84	-0.40	1.24	0.00	0.71	0.54	-0.94	-0.56	1.39	0.83	-0.75	-0.94	0.27	0.00	0.00	0.34	1.16	-0.33	0.00	0.64	-0.51	1.20	0.25	-0.33	-0.09	1.16	-1.07	0.248027706
3042	1.13	-0.18	1.24	0.00	0.71	0.54	-0.94	-0.53	1.39	0.28	-0.91	-0.94	0.27	0.00	0.00	0.34	1.16	-0.33	0.00	0.24	-0.79	1.17	0.25	-0.33	-0.09	1.16	-1.07	-0.519874893
3043	1.32	-0.35	1.42	0.00	0.71	1.60	-0.94	-0.73	1.43	0.46	-0.50	-0.94	0.28	0.00	0.00	0.34	1.19	-0.33	0.00	0.20	-1.35	2.47	0.25	-0.33	-0.09	1.16	-1.07	4.595950622
3044	1.03	-0.58	1.10	0.00	0.71	0.54	-0.94	-0.76	0.52	1.01	-0.34	-0.94	-0.06	0.00	0.00	0.34	0.24	-0.33	0.00	0.59	-1.07	1.34	0.25	-0.33	-0.09	1.16	-1.07	-7.874374446
3045	-0.28	0.65	-0.46	-0.79	-0.33	-1.05	-0.94	-0.95	-0.15	-0.08	-1.03	-0.94	-0.31	0.00	0.00	0.37	-0.50	-0.33	0.00	0.49	-0.51	0.11	-0.25	-0.33	-0.09	-0.24	0.58	-16.1748477
3046	0.01	0.88	-0.46	-0.79	-0.33	-1.05	-0.94	-0.92	-0.15	-0.63	-1.19	-0.94	-0.31	0.00	0.00	0.37	-0.51	-0.33	0.00	0.09	-0.79	0.07	-0.25	-0.33	-0.09	-0.24	0.58	-16.9427503
3047	0.20	0.71	-0.29	-0.79	-0.33	0.01	-0.94	-1.12	-0.12	-0.44	-0.78	-0.94	-0.30	0.00	0.00	0.37	-0.47	-0.33	0.00	0.05	-1.35	1.38	-0.25	-0.33	-0.09	-0.24	0.58	-11.82692478
3048	-0.09	0.48	-0.61	-0.79	-0.33	-1.05	-0.94	-1.15	-1.02	0.10	-0.62	-0.94	-0.64	0.00	0.00	0.37	-1.43	-0.33	0.00	0.44	-1.07	0.24	-0.25	-0.33	-0.09	-0.24	0.58	-24.29725022
3049	0.25	0.05	-0.54	-0.79	0.02	-1.05	-0.94	-0.89	-0.54	0.65	-0.97	-0.94	-0.45	0.00	0.00	0.37	-0.91	-0.33	0.00	0.57	-0.51	-0.34	0.00	-0.33	-0.09	0.46	0.03	-24.77831421
3050	0.54	0.27	-0.54	-0.79	0.02	-1.05	-0.94	-0.86	-0.54	0.10	-1.12	-0.94	-0.46	0.00	0.00	0.37	-0.91	-0.33	0.00	0.18	-0.79	-0.38	0.00	-0.33	-0.09	0.46	0.03	-25.54621886
3051	0.74	0.10	-0.37	-0.79	0.02	0.54	-0.94	-1.05	0.41	0.28	-0.72	-0.94	-0.10	0.00	0.00	0.37	0.08	-0.33	0.00	0.46	-0.79	1.47	0.00	-0.33	-0.09	0.46	0.03	-9.332834155
3052	0.44	-0.13	-0.69	-0.79	0.02	-0.52	-0.94	-1.09	-0.50	0.83	-0.56	-0.94	-0.44	0.00	0.00	0.37	-0.87	-0.33	0.00	0.86	-0.51	0.34	0.00	-0.33	-0.09	0.46	0.03	-21.80316127
3053	-0.28	0.62	-0.36	0.80	-0.33	-0.26	-0.94	-0.95	-0.07	-0.26	-1.03	-0.94	-0.28	0.00	0.00	0.37	-0.42	-0.33	0.00	0.42	-0.51	0.25	-0.25	-0.33	-0.09	-0.24	0.49	-3.780616283
3054	0.01	0.84	-0.36	0.80	-0.33	-0.26	-0.94	-0.92	-0.07	-0.81	-1.19	-0.94	-0.28	0.00	0.00	0.37	-0.42	-0.33	0.00	0.03	-0.79	0.22	-0.25	-0.33	-0.09	-0.24	0.49	-4.548520932
3055	0.20	0.67	-0.19	0.80	-0.33	0.80	-0.94	-1.12	-0.03	-0.63	-0.78	-0.94	-0.27	0.00	0.00	0.37	-0.38	-0.33	0.00	-0.02	-1.35	1.52	-0.25	-0.33	-0.09	-0.24	0.49	0.567306633
3056	-0.09	0.44	-0.51	0.80	-0.33	-0.26	-0.94	-1.15	-0.94	-0.08	-0.62	-0.94	-0.61	0.00	0.00	0.37	-1.34	-0.33	0.00	0.38	-1.07	0.39	-0.25	-0.33	-0.09	-0.24	0.49	-11.90302085
3057	0.25	0.01	-0.44	0.80	0.02	-0.26	-0.94	-0.89	-0.45	0.46	-0.97	-0.94	-0.42	0.00	0.00	0.37	-0.83	-0.33	0.00	0.50	-0.51	-0.19	0.00	-0.33	-0.09	0.46	-0.06	-12.38408465
3058	0.54	0.23	-0.44	0.80	0.02	-0.26	-0.94	-0.86	-0.46	-0.08	-1.12	-0.94	-0.42	0.00	0.00	0.37	-0.83	-0.33	0.00	0.11	-0.79	-0.23	0.00	-0.33	-0.09	0.46	-0.06	-13.15198725
3059	0.74	0.06	-0.27	0.80	0.02	1.33	-0.94	-1.05	0.49	0.10	-0.72	-0.94	-0.07	0.00	0.00	0.37	0.17	-0.33	0.00	0.39	-0.79	1.62	0.00	-0.33	-0.09	0.46	-0.06	3.061395212
3060	0.44	-0.16	-0.59	0.80	0.02	0.27	-0.94	-1.09	-0.42	0.65	-0.56	-0.94	-0.41	0.00	0.00	0.37	-0.79	-0.33	0.00	0.79	-0.51	0.48	0.00	-0.33	-0.09	0.46	-0.06	-9.408929683
3061	-0.05	-0.06	0.26	0.80	0.02	0.27	-0																					

3100	-0.09	0.37	-0.31	0.80	0.02	0.01	-0.94	-1.01	-0.77	-0.08	-0.79	-0.94	-0.54	0.00	0.00	0.37	-1.17	-0.33	0.00	0.35	-1.07	0.53	-0.25	-0.33	-0.09	-0.25	0.31	10.43254543
3101	0.25	-0.06	-0.25	0.80	0.36	0.01	-0.94	-0.74	-0.29	0.46	-1.13	-0.94	-0.36	0.00	0.00	0.37	-0.65	-0.33	0.00	0.48	-0.51	-0.05	0.00	-0.33	-0.09	0.46	-0.24	10.91360997
3102	0.54	0.16	-0.25	0.80	0.36	0.01	-0.94	-0.71	-0.29	-0.08	-1.29	-0.94	-0.36	0.00	0.00	0.37	-0.65	-0.33	0.00	0.08	-0.79	-0.08	0.00	-0.33	-0.09	0.46	-0.24	-11.68151407
3103	0.74	-0.01	-0.07	0.80	0.36	1.60	-0.94	-0.91	0.65	0.10	-0.88	-0.94	-0.01	0.00	0.00	0.37	0.34	-0.33	0.00	0.37	-0.79	1.76	0.00	-0.33	-0.09	0.46	-0.24	4.531870263
3104	0.44	-0.24	-0.39	0.80	0.36	0.54	-0.94	-0.94	-0.25	0.65	-0.72	-0.94	-0.35	0.00	0.00	0.37	-0.61	-0.33	0.00	0.76	-0.51	0.63	0.00	-0.33	-0.09	0.46	-0.24	-7.938456854
3105	-0.05	-0.13	0.46	0.80	0.36	0.54	-0.94	-0.66	0.62	0.10	-1.32	-0.94	-0.02	0.00	0.00	0.37	0.31	-0.33	0.00	0.53	-0.51	0.60	-0.25	-0.33	-0.09	-0.24	-0.25	-3.924959962
3106	0.25	0.09	0.46	0.80	0.36	0.54	-0.94	-0.62	0.62	-0.44	-1.48	-0.94	-0.02	0.00	0.00	0.37	0.31	-0.33	0.00	0.13	-0.79	0.56	-0.25	-0.33	-0.09	-0.24	-0.25	-4.692862021
3107	0.44	-0.08	0.63	0.80	0.36	1.60	-0.94	-0.82	0.66	-0.26	-1.07	-0.94	-0.01	0.00	0.00	0.37	0.35	-0.33	0.00	0.09	-1.35	1.87	-0.25	-0.33	-0.09	-0.24	-0.25	0.422962953
3108	0.15	-0.31	0.31	0.80	0.36	0.54	-0.94	-0.85	-0.25	0.28	-0.91	-0.94	-0.35	0.00	0.00	0.37	-0.61	-0.33	0.00	0.48	-1.07	0.73	-0.25	-0.33	-0.09	-0.24	-0.25	-12.04736194
3109	0.49	-0.74	0.38	0.80	0.71	0.54	-0.94	-0.59	0.24	0.83	-1.26	-0.94	-0.17	0.00	0.00	0.37	-0.10	-0.33	0.00	0.61	-0.51	0.15	0.00	-0.33	-0.09	0.46	-0.80	-12.52842647
3110	0.78	-0.52	0.38	0.80	0.71	0.54	-0.94	-0.56	0.23	0.28	-1.41	-0.94	-0.17	0.00	0.00	0.37	-0.10	-0.33	0.00	0.22	-0.79	0.11	0.00	-0.33	-0.09	0.46	-0.80	-13.29633058
3111	0.97	-0.69	0.55	0.80	0.71	2.13	-0.94	-0.76	1.18	0.46	-1.01	-0.94	0.19	0.00	0.00	0.37	0.90	-0.33	0.00	0.50	-0.79	1.96	0.00	-0.33	-0.09	0.46	-0.80	2.917054123
3112	0.68	-0.91	0.23	0.80	0.71	1.07	-0.94	-0.79	0.27	1.01	-0.85	-0.94	-0.15	0.00	0.00	0.37	-0.06	-0.33	0.00	0.90	-0.51	0.83	0.00	-0.33	-0.09	0.46	-0.80	-9.553273362
3113	0.72	-1.34	1.70	0.00	2.45	0.54	-0.94	-0.01	1.70	0.83	-1.12	-0.94	0.38	0.00	0.00	0.37	1.45	-0.33	0.00	1.42	-0.51	1.52	1.26	-0.33	0.95	1.16	-1.34	10.78693483
3114	1.02	-1.12	1.70	0.00	2.45	0.54	-0.94	-0.02	1.69	0.83	-1.28	-0.94	0.38	0.00	0.00	0.37	1.45	-0.33	0.00	1.02	-0.79	1.48	1.26	-0.33	0.95	1.16	-1.34	10.01903018
3115	1.21	-1.29	1.87	0.00	2.45	1.60	-0.94	-0.18	1.73	0.46	-0.87	-0.94	0.40	0.00	0.00	0.37	1.48	-0.33	0.00	0.98	-1.35	2.78	1.26	-0.33	0.95	1.16	-1.34	15.13485774
3116	0.91	-1.51	1.55	0.00	2.45	0.54	-0.94	-0.21	0.83	1.01	-0.71	-0.94	0.06	0.00	0.00	0.37	0.53	-0.33	0.00	1.37	-1.07	1.65	1.26	-0.33	0.95	1.16	-1.34	2.664530626
3117	1.37	-0.87	0.88	1.59	1.75	1.07	-0.94	-0.49	0.84	1.37	-1.09	-0.94	0.06	0.00	0.00	0.37	0.53	-0.33	0.00	0.67	-0.51	0.67	0.50	-0.33	-0.09	1.85	-1.33	4.78615192
3118	1.66	-0.64	0.88	1.59	1.75	1.07	-0.94	-0.46	0.84	0.83	-1.25	-0.94	0.06	0.00	0.00	0.37	0.53	-0.33	0.00	0.28	-0.79	0.63	0.50	-0.33	-0.09	1.85	-1.33	4.018247638
3119	1.86	-0.82	1.05	1.59	1.75	2.66	-0.94	-0.66	1.78	1.01	-0.84	-0.94	0.41	0.00	0.00	0.37	1.53	-0.33	0.00	0.56	-0.79	2.48	0.50	-0.33	-0.09	1.85	-1.33	20.23163178
3120	1.56	-1.04	0.73	1.59	1.75	1.60	-0.94	-0.69	0.87	1.56	-0.69	-0.94	0.07	0.00	0.00	0.37	0.57	-0.33	0.00	0.96	-0.51	1.35	0.50	-0.33	-0.09	1.85	-1.33	7.76130708
3121	0.84	-0.29	0.96	0.00	0.71	1.07	-0.94	-0.56	1.16	0.65	-1.15	-0.94	0.18	0.00	0.00	0.37	0.88	-0.33	0.00	0.59	-0.51	1.05	0.25	-0.33	-0.09	1.16	-0.81	4.421869747
3122	1.13	-0.07	0.95	0.00	0.71	1.07	-0.94	-0.53	1.16	0.10	-1.31	-0.94	0.18	0.00	0.00	0.37	0.88	-0.33	0.00	0.19	-0.79	1.01	0.25	-0.33	-0.09	1.16	-0.81	-0.346034902
3123	1.32	-0.24	1.13	0.00	0.71	2.13	-0.94	-0.73	1.20	0.28	-0.91	-0.94	0.19	0.00	0.00	0.37	0.92	-0.33	0.00	0.15	-1.35	2.32	0.25	-0.33	-0.09	1.16	-0.81	4.769792663
3124	1.03	-0.47	0.81	0.00	0.71	1.07	-0.94	-0.76	0.29	0.83	-0.75	-0.94	-0.15	0.00	0.00	0.37	-0.04	-0.33	0.00	0.54	-1.07	1.18	0.25	-0.33	-0.09	1.16	-0.81	-7.700534454
3125	0.87	-0.94	0.75	-0.79	0.02	0.01	-0.94	-0.80	0.87	-0.08	-1.74	-0.94	0.07	0.00	0.00	1.46	-0.74	-0.33	0.00	0.37	-0.51	-1.07	0.00	-0.33	-0.09	0.46	-0.51	-29.55382111
3126	1.17	-0.71	0.75	-0.79	0.02	0.01	-0.94	-0.77	0.87	-0.63	-1.90	-0.94	0.07	0.00	0.00	1.46	-0.75	-0.33	0.00	-0.03	-0.79	-1.11	0.00	-0.33	-0.09	0.46	-0.51	-30.32172576
3127	1.36	-0.88	0.93	-0.79	0.02	1.07	-0.94	-0.97	0.91	-0.44	-1.50	-0.94	0.09	0.00	0.00	1.46	-0.71	-0.33	0.00	-0.07	-1.35	0.20	0.00	-0.33	-0.09	0.46	-0.51	-25.2058982
3128	1.06	-1.11	0.61	-0.79	0.02	0.01	-0.94	-1.00	0.00	0.10	-1.34	-0.94	-0.25	0.00	0.00	1.46	-1.67	-0.33	0.00	0.32	-1.07	-0.94	0.00	-0.33	-0.09	0.46	-0.51	-37.67622327
3129	1.40	-1.54	0.67	-0.79	0.36	0.01	-0.94	-0.73	0.49	0.65	-1.68	-0.94	-0.07	0.00	0.00	1.46	-1.15	-0.33	0.00	0.45	-0.51	-1.52	0.25	-0.33	-0.09	1.16	-1.06	-38.15728949
3130	1.70	-1.32	0.67	-0.79	0.36	0.01	-0.94	-0.70	0.49	0.10	-1.84	-0.94	-0.07	0.00	0.00	1.46	-1.15	-0.33	0.00	0.06	-0.79	-1.56	0.25	-0.33	-0.09	1.16	-1.06	-38.92519172
3131	1.89	-1.49	0.85	-0.79	0.36	1.60	-0.94	-0.90	1.43	0.28	-0.90	-0.94	0.28	0.00	0.00	1.46	-0.16	-0.33	0.00	0.34	-0.79	0.29	0.25	-0.33	-0.09	1.16	-1.06	-22.71180962
3132	1.59	-1.71	0.53	-0.79	0.36	0.54	-0.94	-0.93	0.52	0.83	-1.28	-0.94	-0.06	0.00	0.00	1.46	-1.11	-0.33	0.00	0.73	-0.51	-0.84	0.25	-0.33	-0.09	1.16	-1.06	-35.1821345
3133	1.64	-2.14	1.99	-1.59	2.10	0.54	-0.94	-0.16	1.95	0.65	-1.54	-0.94	0.48	0.00	0.00	1.46	0.39	-0.33	0.00	1.26	-0.51	-0.16	1.51	-0.33	0.95	1.85	-1.61	-13.79598785
3134	1.93	-1.92	1.99	-1.59	2.10	0.54	-0.94	-0.13	1.94	0.10	-1.70	-0.94	0.48	0.00	0.00	1.46	0.39	-0.33	0.00	0.86	-0.79	-0.20	1.51	-0.33	0.95	1.85	-1.61	-14.5638925
3135	2.12	-2.09	2.17	-1.59	2.10	1.60	-0.94	-0.33	1.98	0.28	-1.30	-0.94	0.49	0.00	0.00	1.46	0.43	-0.33	0.00	0.82	-1.35	1.11	1.51	-0.33	0.95	1.85	-1.61	-9.448064938
3136	1.83	-2.31	1.85	-1.59	2.10	0.54	-0.94	-0.36	1.08	0.83	-1.14	-0.94	0.15	0.00	0.00	1.46	-0.53	-0.33	0.00	1.21	-1.07	-0.02	1.51	-0.33	0.95	1.85	-1.61	-21.91839225
3137	2.28	-1.67	1.17	0.00	1.40	1.07	-0.94	-0.64	1.09	1.19	-1.52	-0.94	0.15	0.00	0.00	1.46	-0.52	-0.33	0.00	0.51	-0.51	-1.00	0.75	-0.33	-0.09	2.55	-1.59	-19.79677076
3138	2.58	-1.44	1.17	0.00	1.40	1.07	-0.94	-0.61	1.09	0.65	-1.67	-0.94	0.15	0.00	0.00	1.46	-0.53	-0.33	0.00	0.12	-0.79	-1.04	0.75	-0.33	-0.09	2.55	-1.59	-20.56467524
3139	2.77	-1.62	1.35	0.00	1.40	2.66	-0.94	-0.81	2.03	0.83	-1.27	-0.94	0.50	0.00	0.00	1.46	0.47	-0.33	0.00	0.40	-0.79	0.81	0.75	-0.33	-0.09	2.55	-1.59	-4.351290533
3140	2.48	-1.84	1.03	0.00	1.40	1.60	-0.94	-0.84	1.12	1.37	-1.11	-0.94	0.17	0.00	0.00	1.46	-0.49	-0.33	0.00	0.79	-0.51	-0.33	0.75	-0.33	-0.09	2.55	-1.59	-16.82161765
3141	1.75	-1.09	1.25	-1.59	0.36	1.07	-0.94	-0.71	1.41	0.46	-1.58	-0.94	0.28	0.00	0.00	1.46	-0.18	-0.33	0.00	0.43	-0.51	-0.62	0.50	-0.33	-0.09	1.85	-1.07	-24.16105498
3142	2.05	-0.87	1.25	-1.59	0.36	1.07	-0.94	-0.68	1.41	-0.08	-1.74	-0.94	0.27	0.00	0.00	1.46	-0.18	-0.33	0.00	0.03	-0.79	-0.66	0.50	-0.33	-0.09	1.85	-1.07	-24.92895758
3143	2.24	-1.04	1.42	-1.59	0.36	2.13	-0.94	-0.87	1.45	0.10	-1.33	-0.94	0.29	0.00	0.00	1.46	-0.14	-0.33	0.00	-0.01	-1.35	0.65	0.50	-0.33	-0.09	1.85	-1.07	-19.81313207
3144	1.95	-1.27	1.10	-1.59	0.36	1.07	-0.94	-0.90	0.54	0.65	-1.17	-0.94	-0.05	0.00	0.00	1.46	-1.10	-0.33	0.00	0.38	-1.07	-0.49	0.50	-0.33	-0.09	1.85	-1.07	-32.2834575
3145	0.79	-0.26	0.13	-0.79	-0.33	0.71	-0.9																					

3184	0.04	0.98	-0.73	0.00	-0.68	-1.05	-0.34	-0.16	-1.41	-0.63	0.91	-0.83	-0.78	0.00	-0.70	-0.55	-0.33	0.00	-0.30	-0.79	-0.65	-1.00	-0.33	-0.61	-0.93	0.97	17.2972744
3185	0.38	0.55	-0.66	0.00	-0.33	-1.05	-0.34	0.11	-0.93	-0.08	0.57	-0.83	-0.60	0.00	-0.70	-0.04	-0.33	0.00	-0.18	-0.24	-1.23	-0.75	-0.33	-0.61	-0.24	0.42	-17.77834062
3186	0.68	0.78	-0.66	0.00	-0.33	-1.05	-0.34	0.14	-0.93	-0.63	0.41	-0.83	-0.60	0.00	-0.70	-0.04	-0.33	0.00	-0.57	-0.51	-1.27	-0.75	-0.33	-0.61	-0.24	0.42	-18.54624304
3187	0.87	0.60	-0.49	0.00	-0.33	0.54	-0.34	-0.06	0.02	-0.44	0.82	-0.83	-0.25	0.00	-0.70	0.96	-0.33	0.00	-0.29	-0.51	0.58	-0.75	-0.33	-0.61	-0.24	0.42	-2.332860388
3188	0.57	0.38	-0.81	0.00	-0.33	-0.52	-0.34	-0.09	-0.89	0.10	0.98	-0.83	-0.59	0.00	-0.70	0.00	-0.33	0.00	0.11	-0.24	-0.56	-0.75	-0.33	-0.61	-0.24	0.42	-14.80318582
3189	-0.15	1.12	-0.48	1.59	-0.68	-0.79	-0.34	0.04	-0.46	-0.99	0.51	-0.83	-0.43	0.00	-0.70	0.46	-0.33	0.00	-0.33	-0.24	-0.64	-1.00	-0.33	-0.61	-0.93	0.88	2.160387918
3190	0.15	1.35	-0.48	1.59	-0.68	-0.79	-0.34	0.07	-0.46	-1.54	0.35	-0.83	-0.43	0.00	-0.70	0.45	-0.33	0.00	-0.72	-0.51	-0.68	-1.00	-0.33	-0.61	-0.93	0.88	1.392485686
3191	0.34	1.17	-0.31	1.59	-0.68	0.27	-0.34	-0.13	-0.42	-1.35	0.76	-0.83	-0.41	0.00	-0.70	0.49	-0.33	0.00	-0.77	-1.07	0.63	-1.00	-0.33	-0.61	-0.93	0.88	6.508313251
3192	0.04	0.95	-0.63	1.59	-0.68	-0.79	-0.34	-0.16	-1.33	-0.81	0.91	-0.83	-0.75	0.00	-0.70	-0.46	-0.33	0.00	-0.37	-0.79	-0.51	-1.00	-0.33	-0.61	-0.93	0.88	-5.962014234
3193	0.38	0.51	-0.56	1.59	-0.33	-0.79	-0.34	0.11	-0.84	-0.26	0.57	-0.83	-0.57	0.00	-0.70	0.05	-0.33	0.00	-0.25	-0.24	-1.09	-0.75	-0.33	-0.61	-0.24	0.33	-6.443078226
3194	0.68	0.74	-0.56	1.59	-0.33	-0.79	-0.34	0.14	-0.85	-0.81	0.41	-0.83	-0.57	0.00	-0.70	0.05	-0.33	0.00	-0.64	-0.51	-1.12	-0.75	-0.33	-0.61	-0.24	0.33	-7.210982874
3195	0.87	0.57	-0.39	1.59	-0.33	0.80	-0.34	-0.06	0.10	-0.63	0.82	-0.83	-0.22	0.00	-0.70	1.04	-0.33	0.00	-0.36	-0.51	0.72	-0.75	-0.33	-0.61	-0.24	0.33	9.00240183
3196	0.57	0.34	-0.71	1.59	-0.33	-0.26	-0.34	-0.09	-0.81	-0.08	0.98	-0.83	-0.56	0.00	-0.70	0.09	-0.33	0.00	0.04	-0.24	-0.41	-0.75	-0.33	-0.61	-0.24	0.33	-3.467925655
3197	0.09	0.44	0.14	1.59	-0.33	-0.26	-0.34	0.19	0.07	-0.63	0.38	-0.83	-0.23	0.00	-0.70	1.01	-0.33	0.00	-0.20	-0.24	-0.44	-1.00	-0.33	-0.61	-0.93	0.32	0.545573654
3198	0.38	0.67	0.14	1.59	-0.33	-0.26	-0.34	0.22	0.06	-1.17	0.22	-0.83	-0.23	0.00	-0.70	1.01	-0.33	0.00	-0.59	-0.51	-0.48	-1.00	-0.33	-0.61	-0.93	0.32	-0.222330822
3199	0.57	0.49	0.32	1.59	-0.33	0.80	-0.34	0.03	0.10	-0.99	0.63	-0.83	-0.22	0.00	-0.70	1.05	-0.33	0.00	-0.63	-1.07	0.83	-1.00	-0.33	-0.61	-0.93	0.32	4.89349657
3200	0.28	0.27	0.00	1.59	-0.33	-0.26	-0.34	0.00	-0.80	-0.44	0.79	-0.83	-0.56	0.00	-0.70	0.09	-0.33	0.00	-0.24	-0.79	-0.31	-1.00	-0.33	-0.61	-0.93	0.32	-7.576830741
3201	0.62	-0.17	0.06	1.59	0.02	-0.26	-0.34	0.26	-0.32	0.10	0.44	-0.83	-0.37	0.00	-0.70	0.60	-0.33	0.00	-0.11	-0.24	-0.89	-0.75	-0.33	-0.61	-0.24	-0.23	-8.057894906
3202	0.91	0.06	0.06	1.59	0.02	-0.26	-0.34	0.29	-0.32	-0.44	0.29	-0.83	-0.37	0.00	-0.70	0.60	-0.33	0.00	-0.51	-0.51	-0.93	-0.75	-0.33	-0.61	-0.24	-0.23	-8.825799382
3203	1.11	-0.11	0.24	1.59	0.02	1.33	-0.34	0.09	0.62	-0.26	0.69	-0.83	-0.02	0.00	-0.70	1.60	-0.33	0.00	-0.22	-0.51	0.92	-0.75	-0.33	-0.61	-0.24	-0.23	7.387585322
3204	0.81	-0.34	-0.08	1.59	0.02	0.27	-0.34	0.06	-0.28	0.28	0.85	-0.83	-0.36	0.00	-0.70	0.64	-0.33	0.00	0.17	-0.24	-0.21	-0.75	-0.33	-0.61	-0.24	-0.23	-5.082739746
3205	0.85	-0.77	1.38	0.80	1.75	-0.26	-0.34	0.84	1.14	0.10	0.58	-0.83	0.18	0.00	-0.70	2.15	-0.33	0.00	0.69	-0.24	0.48	0.50	-0.33	0.43	0.46	-0.78	15.25746603
3206	1.15	-0.54	1.38	0.80	1.75	-0.26	-0.34	0.87	1.14	-0.44	0.42	-0.83	0.17	0.00	-0.70	2.15	-0.33	0.00	0.30	-0.51	0.44	0.50	-0.33	0.43	0.46	-0.78	14.48956379
3207	1.34	-0.71	1.55	0.80	1.75	0.80	-0.34	0.67	1.18	-0.26	0.83	-0.83	0.19	0.00	-0.70	2.19	-0.33	0.00	0.26	-1.07	1.74	0.50	-0.33	0.43	0.46	-0.78	19.60538894
3208	1.04	-0.94	1.24	0.80	1.75	-0.26	-0.34	0.64	0.27	0.28	0.99	-0.83	-0.15	0.00	-0.70	1.23	-0.33	0.00	0.65	-0.79	0.61	0.50	-0.33	0.43	0.46	-0.78	7.135064049
3209	1.50	-0.29	0.56	2.39	1.06	0.27	-0.34	0.35	0.28	0.65	0.61	-0.83	-0.15	0.00	-0.70	1.23	-0.33	0.00	-0.05	-0.24	-0.37	-0.25	-0.33	-0.61	1.16	-0.76	9.256683297
3210	1.80	-0.07	0.56	2.39	1.06	0.27	-0.34	0.39	0.28	0.10	0.45	-0.83	-0.15	0.00	-0.70	1.23	-0.33	0.00	-0.45	-0.51	-0.41	-0.25	-0.33	-0.61	1.16	-0.76	8.48878087
3211	1.99	-0.24	0.73	2.39	1.06	1.86	-0.34	0.19	1.22	0.28	0.86	-0.83	0.20	0.00	-0.70	2.23	-0.33	0.00	-0.16	-0.51	1.44	-0.25	-0.33	-0.61	1.16	-0.76	24.70216353
3212	1.69	-0.47	0.42	2.39	1.06	0.80	-0.34	0.16	0.32	0.83	1.01	-0.83	-0.14	0.00	-0.70	1.27	-0.33	0.00	0.23	-0.24	0.31	-0.25	-0.33	-0.61	1.16	-0.76	12.23183809
3213	0.97	0.28	0.64	0.80	0.02	0.27	-0.34	0.29	0.60	-0.08	0.55	-0.83	-0.03	0.00	-0.70	1.58	-0.33	0.00	-0.14	-0.24	0.01	-0.50	-0.33	-0.61	0.46	-0.24	4.892400946
3214	1.27	0.51	0.64	0.80	0.02	0.27	-0.34	0.32	0.60	-0.63	0.39	-0.83	-0.03	0.00	-0.70	1.58	-0.33	0.00	-0.53	-0.51	-0.03	-0.50	-0.33	-0.61	0.46	-0.24	4.124496665
3215	1.46	0.34	0.81	0.80	0.02	1.33	-0.34	0.12	0.64	-0.44	0.79	-0.83	-0.01	0.00	-0.70	1.62	-0.33	0.00	-0.58	-1.07	1.28	-0.50	-0.33	-0.61	0.46	-0.24	9.24032423
3216	1.16	0.11	0.49	0.80	0.02	0.27	-0.34	0.09	-0.26	0.10	0.95	-0.83	-0.35	0.00	-0.70	0.66	-0.33	0.00	-0.18	-0.79	0.14	-0.50	-0.33	-0.61	0.46	-0.24	-3.230001205
3217	-0.15	1.34	-1.07	0.00	-1.02	-1.32	-0.34	-0.11	-0.94	-0.99	0.27	-0.83	-0.60	0.00	-0.67	-0.08	-0.33	0.00	-0.29	-0.24	-1.08	-1.00	-0.33	-0.61	-0.93	1.41	-11.53047446
3218	0.15	1.56	-1.07	0.00	-1.02	-1.32	-0.34	-0.07	-0.94	-1.54	0.11	-0.83	-0.61	0.00	-0.67	-0.09	-0.33	0.00	-0.68	-0.51	-1.12	-1.00	-0.33	-0.61	-0.93	1.41	-12.29837669
3219	0.34	1.39	-0.89	0.00	-1.02	-0.26	-0.34	-0.27	-0.90	-1.35	0.51	-0.83	-0.59	0.00	-0.67	-0.05	-0.33	0.00	-0.72	-1.07	0.18	-1.00	-0.33	-0.61	-0.93	1.41	-7.182551544
3220	0.04	1.17	-1.21	0.00	-1.02	-1.32	-0.34	-0.30	-1.81	-0.81	0.67	-0.83	-0.93	0.00	-0.67	-1.00	-0.33	0.00	-0.33	-0.79	-0.95	-1.00	-0.33	-0.61	-0.93	1.41	-19.65287661
3221	0.38	0.73	-1.15	0.00	-0.68	-1.32	-0.34	-0.04	-1.32	-0.26	0.33	-0.83	-0.75	0.00	-0.67	-0.49	-0.33	0.00	-0.20	-0.24	-1.53	-0.75	-0.33	-0.61	-0.24	0.86	-20.13394097
3222	0.68	0.96	-1.15	0.00	-0.68	-1.32	-0.34	-0.01	-1.32	-0.81	0.17	-0.83	-0.75	0.00	-0.67	-0.49	-0.33	0.00	-0.60	-0.51	-1.57	-0.75	-0.33	-0.61	-0.24	0.86	-20.90184525
3223	0.87	0.78	-0.97	0.00	-0.68	0.27	-0.34	-0.21	-0.38	-0.63	0.58	-0.83	-0.40	0.00	-0.67	0.51	-0.33	0.00	-0.31	-0.51	0.28	-0.75	-0.33	-0.61	-0.24	0.86	-4.688460914
3224	0.57	0.56	-1.29	0.00	-0.68	-0.79	-0.34	-0.24	-1.28	-0.08	0.73	-0.83	-0.74	0.00	-0.67	-0.45	-0.33	0.00	0.08	-0.24	-0.86	-0.75	-0.33	-0.61	-0.24	0.86	-17.15878803
3225	-0.15	1.30	-0.97	1.59	-1.02	-0.52	-0.34	-0.11	-0.86	-1.17	0.27	-0.83	-0.57	0.00	-0.67	0.00	-0.33	0.00	-0.35	-0.24	-0.94	-1.00	-0.33	-0.61	-0.93	1.32	0.863756958
3226	0.15	1.53	-0.97	1.59	-1.02	-0.52	-0.34	-0.07	-0.86	-1.72	0.11	-0.83	-0.58	0.00	-0.67	0.00	-0.33	0.00	-0.75	-0.51	-0.98	-1.00	-0.33	-0.61	-0.93	1.32	0.095852676
3227	0.34	1.35	-0.79	1.59	-1.02	0.54	-0.34	-0.27	-0.82	-1.54	0.51	-0.83	-0.56	0.00	-0.67	0.04	-0.33	0.00	-0.79	-1.07	0.33	-1.00	-0.33	-0.61	-0.93	1.32	5.211679873
3228	0.04	1.13	-1.11	1.59	-1.02	-0.52	-0.34	-0.30	-1.72	-0.99	0.67	-0.83	-0.90	0.00	-0.67	-0.92	-0.33	0.00	-0.40	-0.79	-0.80	-1.00	-0.33	-0.61	-0.93	1.32	-7.258647242
3229	0.38	0.69	-1.04	1.59	-0.68	-0.52	-0.34	-0.04	-1.24	-0.44	0.33	-0.83	-0.72	0.00	-0.67	-0.40	-0.33	0.00	-0.27	-0.24	-1.38	-0.75	-0.33	-0.61	-0.24	0.77	-7.739711603
3230	0.68	0.92	-1.05	1.59	-0.68	-0.52	-0.34	-0.01	-1.24	-0.99	0.17	-0.83	-0.72	0.00	-0.67	-0.41	-0.33	0.00	-0.67	-0.51	-1.42	-0.75</					

3268	0.57	0.49	-1.10	0.00	-0.33	0.01	-0.34	-0.09	-1.12	-0.08	0.57	-0.83	-0.67	0.00	-0.67	-0.28	-0.33	0.00	0.06	-0.24	-0.71	-0.75	-0.33	-0.61	-0.24	0.68	14.62934378
3269	-0.15	1.23	-0.77	1.59	-0.68	-0.26	-0.34	0.04	-0.69	-1.17	0.10	-0.83	-0.51	0.00	-0.67	0.18	-0.33	0.00	-0.38	-0.24	-0.79	-1.00	-0.33	-0.61	-0.93	1.14	2.334229785
3270	0.15	1.46	-0.77	1.59	-0.68	-0.26	-0.34	0.07	-0.69	-1.72	-0.05	-0.83	-0.51	0.00	-0.67	0.17	-0.33	0.00	-0.77	-0.51	-0.83	-1.00	-0.33	-0.61	-0.93	1.14	1.566327727
3271	0.34	1.28	-0.60	1.59	-0.68	0.80	-0.34	-0.13	-0.65	-1.54	0.35	-0.83	-0.50	0.00	-0.67	0.21	-0.33	0.00	-0.82	-1.07	0.48	-1.00	-0.33	-0.61	-0.93	1.14	6.68215307
3272	0.04	1.06	-0.92	1.59	-0.68	-0.26	-0.34	-0.16	-1.56	-0.99	0.51	-0.83	-0.84	0.00	-0.67	-0.74	-0.33	0.00	-0.42	-0.79	-0.66	-1.00	-0.33	-0.61	-0.93	1.14	-5.788172192
3273	0.38	0.62	-0.85	1.59	-0.33	-0.26	-0.34	0.11	-1.07	-0.44	0.17	-0.83	-0.66	0.00	-0.67	-0.23	-0.33	0.00	-0.30	-0.24	-1.24	-0.75	-0.33	-0.61	-0.24	0.59	-6.269238407
3274	0.68	0.85	-0.85	1.59	-0.33	-0.26	-0.34	0.14	-1.08	-0.99	0.01	-0.83	-0.66	0.00	-0.67	-0.23	-0.33	0.00	-0.69	-0.51	-1.28	-0.75	-0.33	-0.61	-0.24	0.59	-7.037140834
3275	0.87	0.68	-0.68	1.59	-0.33	1.33	-0.34	-0.06	-0.13	-0.81	0.41	-0.83	-0.30	0.00	-0.67	0.76	-0.33	0.00	-0.40	-0.51	0.57	-0.75	-0.33	-0.61	-0.24	0.59	9.176243871
3276	0.57	0.45	-1.00	1.59	-0.33	0.27	-0.34	-0.09	-1.04	-0.26	0.57	-0.83	-0.64	0.00	-0.67	-0.19	-0.33	0.00	-0.01	-0.24	-0.56	-0.75	-0.33	-0.61	-0.24	0.59	-3.294083614
3277	0.09	0.55	-0.15	1.59	-0.33	0.27	-0.34	0.19	-0.17	-0.81	-0.02	-0.83	-0.32	0.00	-0.67	0.73	-0.33	0.00	-0.25	-0.24	-0.59	-1.00	-0.33	-0.61	-0.93	0.58	0.719413645
3278	0.38	0.78	-0.15	1.59	-0.33	0.27	-0.34	0.22	-0.17	-1.35	-0.18	-0.83	-0.32	0.00	-0.67	0.73	-0.33	0.00	-0.64	-0.51	-0.63	-1.00	-0.33	-0.61	-0.93	0.58	-0.048488781
3279	0.57	0.60	0.03	1.59	-0.33	1.33	-0.34	0.03	-0.13	-1.17	0.22	-0.83	-0.30	0.00	-0.67	0.77	-0.33	0.00	-0.68	-1.07	0.67	-1.00	-0.33	-0.61	-0.93	0.58	5.067336562
3280	0.28	0.38	-0.29	1.59	-0.33	0.27	-0.34	0.00	-1.03	-0.63	0.38	-0.83	-0.64	0.00	-0.67	-0.19	-0.33	0.00	-0.29	-0.79	-0.46	-1.00	-0.33	-0.61	-0.93	0.58	-7.4029887
3281	0.62	-0.06	-0.22	1.59	0.02	0.27	-0.34	0.26	-0.55	-0.08	0.04	-0.83	-0.46	0.00	-0.67	0.33	-0.33	0.00	-0.16	-0.24	-1.04	-0.75	-0.33	-0.61	-0.24	0.03	-7.884052866
3282	0.91	0.17	-0.23	1.59	0.02	0.27	-0.34	0.29	-0.55	-0.63	-0.12	-0.83	-0.46	0.00	-0.67	0.32	-0.33	0.00	-0.56	-0.51	-1.08	-0.75	-0.33	-0.61	-0.24	0.03	-8.651957342
3283	1.11	0.00	-0.05	1.59	0.02	1.86	-0.34	0.09	0.39	-0.44	0.29	-0.83	-0.11	0.00	-0.67	1.32	-0.33	0.00	-0.27	-0.51	0.77	-0.75	-0.33	-0.61	-0.24	0.03	7.561427364
3284	0.81	-0.23	-0.37	1.59	0.02	0.80	-0.34	0.06	-0.51	0.10	0.44	-0.83	-0.45	0.00	-0.67	0.36	-0.33	0.00	0.12	-0.24	-0.37	-0.75	-0.33	-0.61	-0.24	0.03	-4.908899754
3285	0.85	-0.66	1.09	0.80	1.75	0.27	-0.34	0.84	0.91	-0.08	0.18	-0.83	0.09	0.00	-0.67	1.87	-0.33	0.00	0.65	-0.24	0.32	0.50	-0.33	0.43	0.46	-0.51	15.43130807
3286	1.15	-0.43	1.09	0.80	1.75	0.27	-0.34	0.87	0.91	-0.63	0.02	-0.83	0.09	0.00	-0.67	1.87	-0.33	0.00	0.25	-0.51	0.28	0.50	-0.33	0.43	0.46	-0.51	14.66340379
3287	1.34	-0.60	1.27	0.80	1.75	1.33	-0.34	0.67	0.95	-0.44	0.42	-0.83	0.10	0.00	-0.67	1.91	-0.33	0.00	0.21	-1.07	1.59	0.50	-0.33	0.43	0.46	-0.51	19.77923098
3288	1.04	-0.83	0.95	0.80	1.75	0.27	-0.34	0.64	0.04	0.10	0.58	-0.83	-0.24	0.00	-0.67	0.95	-0.33	0.00	0.60	-0.79	0.46	0.50	-0.33	0.43	0.46	-0.51	7.308903867
3289	1.50	-0.18	0.27	2.39	1.06	0.80	-0.34	0.35	0.05	0.46	0.20	-0.83	-0.24	0.00	-0.67	0.95	-0.33	0.00	-0.10	-0.24	-0.52	-0.25	-0.33	-0.61	1.16	-0.50	9.430525527
3290	1.80	0.04	0.27	2.39	1.06	0.80	-0.34	0.39	0.05	-0.08	0.05	-0.83	-0.24	0.00	-0.67	0.95	-0.33	0.00	-0.50	-0.51	-0.56	-0.25	-0.33	-0.61	1.16	-0.50	8.662620879
3291	1.99	-0.13	0.45	2.39	1.06	2.39	-0.34	0.19	0.99	0.10	0.45	-0.83	0.12	0.00	-0.67	1.95	-0.33	0.00	-0.21	-0.51	1.29	-0.25	-0.33	-0.61	1.16	-0.50	24.87600539
3292	1.69	-0.36	0.13	2.39	1.06	1.33	-0.34	0.16	0.09	0.65	0.61	-0.83	-0.22	0.00	-0.67	0.99	-0.33	0.00	0.18	-0.24	0.15	-0.25	-0.33	-0.61	1.16	-0.50	12.40568013
3293	0.97	0.39	0.35	0.80	0.02	0.80	-0.34	0.29	0.37	-0.26	0.14	-0.83	-0.11	0.00	-0.67	1.30	-0.33	0.00	-0.19	-0.24	-0.14	-0.50	-0.33	-0.61	0.46	0.02	5.066242987
3294	1.27	0.62	0.35	0.80	0.02	0.80	-0.34	0.32	0.37	-0.81	-0.02	-0.83	-0.11	0.00	-0.67	1.30	-0.33	0.00	-0.58	-0.51	-0.18	-0.50	-0.33	-0.61	0.46	0.02	4.298338706
3295	1.46	0.45	0.52	0.80	0.02	1.86	-0.34	0.12	0.41	-0.63	0.39	-0.83	-0.10	0.00	-0.67	1.34	-0.33	0.00	-0.62	-1.07	1.13	-0.50	-0.33	-0.61	0.46	0.02	9.41416627
3296	1.16	0.22	0.20	0.80	0.02	0.80	-0.34	0.09	-0.50	-0.08	0.55	-0.83	-0.44	0.00	-0.67	0.38	-0.33	0.00	-0.23	-0.79	-0.01	-0.50	-0.33	-0.61	0.46	0.02	-3.056161213
3297	1.00	-0.25	0.15	0.00	-0.68	-0.79	-0.34	0.05	0.09	-0.99	-0.45	-0.83	-0.22	0.00	0.42	-0.32	-0.33	0.00	-0.41	-0.24	-2.26	-0.75	-0.33	-0.61	-0.24	0.32	-25.95959393
3298	1.30	-0.02	0.15	0.00	-0.68	-0.79	-0.34	0.08	0.08	-1.54	-0.61	-0.83	-0.22	0.00	0.42	-0.32	-0.33	0.00	-0.80	-0.51	-2.30	-0.75	-0.33	-0.61	-0.24	0.32	-26.72749821
3299	1.49	-0.20	0.32	0.00	-0.68	0.27	-0.34	-0.12	0.12	-1.35	-0.20	-0.83	-0.21	0.00	0.42	-0.29	-0.33	0.00	-0.85	-1.07	-0.99	-0.75	-0.33	-0.61	-0.24	0.32	-21.61167065
3300	1.20	-0.42	0.00	0.00	-0.68	-0.79	-0.34	-0.15	-0.78	-0.81	-0.04	-0.83	-0.55	0.00	0.42	-1.24	-0.33	0.00	-0.45	-0.79	-2.13	-0.75	-0.33	-0.61	-0.24	0.32	-34.08199813
3301	1.53	-0.86	0.07	0.00	-0.33	-0.79	-0.34	0.11	-0.30	-0.26	-0.39	-0.83	-0.36	0.00	0.42	-0.73	-0.33	0.00	-0.32	-0.24	-2.71	-0.50	-0.33	-0.61	0.46	-0.23	-34.56306213
3302	1.83	-0.63	0.07	0.00	-0.33	-0.79	-0.34	0.14	-0.30	-0.81	-0.54	-0.83	-0.37	0.00	0.42	-0.73	-0.33	0.00	-0.72	-0.51	-2.75	-0.50	-0.33	-0.61	0.46	-0.23	-35.33096473
3303	2.02	-0.80	0.24	0.00	-0.33	0.80	-0.34	-0.05	0.64	-0.63	-0.14	-0.83	-0.01	0.00	0.42	0.27	-0.33	0.00	-0.43	-0.51	-1.90	-0.50	-0.33	-0.61	0.46	-0.23	-19.11758207
3304	1.73	-1.03	-0.08	0.00	-0.33	-0.26	-0.34	-0.08	-0.26	-0.08	0.02	-0.83	-0.35	0.00	0.42	-0.69	-0.33	0.00	-0.04	-0.24	-2.03	-0.50	-0.33	-0.61	0.46	-0.23	-31.58790733
3305	1.77	-1.46	1.39	-0.79	1.40	-0.26	-0.34	0.69	1.16	-0.26	-0.25	-0.83	0.18	0.00	0.42	0.81	-0.33	0.00	0.48	-0.24	-1.35	0.75	-0.33	0.43	1.16	-0.78	-10.2017605
3306	2.07	-1.23	1.39	-0.79	1.40	-0.26	-0.34	0.72	1.16	-0.81	-0.41	-0.83	0.18	0.00	0.42	0.81	-0.33	0.00	0.09	-0.51	-1.39	0.75	-0.33	0.43	1.16	-0.78	-10.96966478
3307	2.26	-1.40	1.56	-0.79	1.40	0.80	-0.34	0.52	1.20	-0.63	0.00	-0.83	0.20	0.00	0.42	0.85	-0.33	0.00	0.04	-1.07	-0.08	0.75	-0.33	0.43	1.16	-0.78	-5.853837584
3308	1.96	-1.63	1.24	-0.79	1.40	-0.26	-0.34	0.49	0.29	-0.08	0.16	-0.83	-0.14	0.00	0.42	-0.11	-0.33	0.00	0.44	-0.79	-1.22	0.75	-0.33	0.43	1.16	-0.78	-18.32416477
3309	2.42	-0.98	0.57	0.80	0.71	0.27	-0.34	0.21	0.30	0.28	-0.22	-0.83	-0.14	0.00	0.42	-0.10	-0.33	0.00	-0.26	-0.24	-2.19	0.00	-0.33	-0.61	1.85	-0.76	-16.20254341
3310	2.71	-0.76	0.57	0.80	0.71	0.27	-0.34	0.24	0.30	-0.26	-0.38	-0.83	-0.14	0.00	0.42	-0.10	-0.33	0.00	-0.66	-0.51	-2.23	0.00	-0.33	-0.61	1.85	-0.76	-16.97044769
3311	2.90	-0.93	0.74	0.80	0.71	1.86	-0.34	0.04	1.24	-0.08	0.03	-0.83	0.21	0.00	0.42	0.89	-0.33	0.00	-0.37	-0.51	-0.38	0.00	-0.33	-0.61	1.85	-0.76	-0.757063542
3312	2.61	-1.16	0.42	0.80	0.71	0.80	-0.34	0.01	0.34	0.46	0.18	-0.83	-0.13	0.00	0.42	-0.06	-0.33	0.00	0.02	-0.24	-1.52	0.00	-0.33	-0.61	1.85	-0.76	-13.22739066
3313	1.89	-0.41	0.65	-0.79	-0.33	0.27	-0.34	0.14	0.62	-0.44	-0.28	-0.83	-0.02	0.00	0.42	0.25	-0.33	0.00	-0.35	-0.24	-1.81	-0.25	-0.33	-0.61	1.16	-0.24	-20.5668278
3314	2.18	-0.18	0.65	-0.79	-0.33	0.27	-0.34	0.17	0.62	-0.99	-0.44	-0.83	-0.02	0.00	0.42	0.24	-0.33	0.00	-0.74	-0.51	-1.85	-0.25	-				

3352	1.53	-0.43	-0.38	-1.59	0.02	-0.26	-0.34	0.70	-0.51	0.83	2.90	-0.83	2.47	0.00	0.00	-1.24	1.06	3.02	0.00	0.34	-0.24	-0.65	0.50	3.02	-0.09	-0.24	0.04	18.87605595	
3353	-0.45	1.39	-1.20	-1.59	-0.68	-1.32	-0.34	0.70	-1.04	-0.81	1.12	-0.83	-0.64	0.00	0.00	-1.24	0.50	-0.33	0.00	-0.28	-0.24	-0.97	-1.50	-0.33	-1.13	-0.93	1.54	-18.88298154	
3354	-0.15	1.62	-1.21	-1.59	-0.68	-1.32	-0.34	0.73	-1.04	-1.35	0.96	-0.83	-0.64	0.00	0.00	-1.24	0.50	-0.33	0.00	-0.68	-0.51	-1.01	-1.50	-0.33	-1.13	-0.93	1.54	-19.65088414	
3355	0.04	1.45	-1.03	-1.59	-0.68	-0.26	-0.34	0.53	-1.00	-1.17	1.36	-0.83	-0.63	0.00	0.00	-1.24	0.54	-0.33	0.00	-0.72	-1.07	0.30	-1.50	-0.33	-1.13	-0.93	1.54	-14.53505658	
3356	-0.25	1.22	-1.35	-1.59	-0.68	-1.32	-0.34	0.50	-1.91	-0.63	1.52	-0.83	-0.97	0.00	0.00	-1.24	-0.42	-0.33	0.00	-0.33	-0.79	-0.84	-1.50	-0.33	-1.13	-0.93	1.54	-27.00538389	
3357	0.08	0.79	-1.28	-1.59	-0.33	-1.32	-0.34	0.76	-1.42	-0.08	1.18	-0.83	-0.79	0.00	0.00	-1.24	0.10	-0.33	0.00	-0.20	-0.24	-1.42	-1.25	-0.33	-1.13	-0.24	0.99	-27.48644786	
3358	0.38	1.01	-1.28	-1.59	-0.33	-1.32	-0.34	0.79	-1.43	-0.63	1.02	-0.83	-0.79	0.00	0.00	-1.24	0.09	-0.33	0.00	-0.59	-0.51	-1.46	-1.25	-0.33	-1.13	-0.24	0.99	-28.25435251	
3359	0.57	0.84	-1.11	-1.59	-0.33	0.27	-0.34	0.60	-0.48	-0.44	1.43	-0.83	-0.44	0.00	0.00	-1.24	1.09	-0.33	0.00	-0.31	-0.51	-0.39	-1.25	-0.33	-1.13	-0.24	0.99	-12.04096763	
3360	0.28	0.61	-1.43	-1.59	-0.33	-0.79	-0.34	0.56	-1.39	0.10	1.58	-0.83	-0.77	0.00	0.00	-1.24	0.13	-0.33	0.00	0.09	-0.24	-0.74	-1.25	-0.33	-1.13	-0.24	0.99	-24.51129475	
3361	-0.45	1.36	-1.10	0.00	-0.68	-1.05	-0.34	0.70	-0.96	-0.99	1.12	-0.83	-0.61	0.00	0.00	-1.24	0.59	-0.33	0.00	-0.35	-0.24	-0.83	-1.50	-0.33	-1.13	-0.93	1.45	-7.547719324	
3362	-0.15	1.58	-1.10	0.00	-0.68	-1.05	-0.34	0.73	-0.96	-1.54	0.96	-0.83	-0.61	0.00	0.00	-1.24	0.59	-0.33	0.00	-0.74	-0.51	-0.86	-1.50	-0.33	-1.13	-0.93	1.45	-8.315623799	
3363	0.04	1.41	-0.93	0.00	-0.68	0.01	-0.34	0.53	-0.92	-1.35	1.36	-0.83	-0.60	0.00	0.00	-1.24	0.63	-0.33	0.00	-0.79	-1.07	0.44	-1.50	-0.33	-1.13	-0.93	1.45	-3.199796218	
3364	-0.25	1.18	-1.25	0.00	-0.68	-1.05	-0.34	0.50	-1.83	-0.81	1.52	-0.83	-0.94	0.00	0.00	-1.24	-0.33	-0.33	0.00	-0.39	-0.79	-0.69	-1.50	-0.33	-1.13	-0.93	1.45	-15.67012148	
3365	0.08	0.75	-1.18	0.00	-0.33	-1.05	-0.34	0.76	-1.34	-0.26	1.18	-0.83	-0.76	0.00	0.00	-1.24	0.18	-0.33	0.00	-0.27	-0.24	-1.27	-1.25	-0.33	-1.13	-0.24	0.90	-16.15118769	
3366	0.38	0.97	-1.18	0.00	-0.33	1.02	-1.05	-0.34	0.79	-1.34	-0.81	1.02	-0.83	-0.76	0.00	0.00	-1.24	0.18	-0.33	0.00	-0.66	-0.51	-1.31	-1.25	-0.33	-1.13	-0.24	0.90	-16.91909012
3367	0.57	0.80	-1.01	0.00	-0.33	0.54	-0.34	0.60	-0.40	-0.63	1.43	-0.83	-0.40	0.00	0.00	-1.24	1.18	-0.33	0.00	-0.38	-0.51	0.54	-1.25	-0.33	-1.13	-0.24	0.90	-0.705707466	
3368	0.28	0.58	-1.33	0.00	-0.33	-0.52	-0.34	0.56	-1.31	-0.08	1.58	-0.83	-0.74	0.00	0.00	-1.24	0.22	-0.33	0.00	0.02	-0.24	-0.60	-1.25	-0.33	-1.13	-0.24	0.90	-13.17603253	
3369	-0.21	0.68	-0.48	0.00	-0.33	-0.52	-0.34	0.85	-0.43	-0.63	0.99	-0.83	-0.42	0.00	0.00	-1.24	1.15	-0.33	0.00	-0.22	-0.24	-0.63	-1.50	-0.33	-1.13	-0.93	0.89	-9.162535831	
3370	0.09	0.90	-0.48	0.00	-0.33	-0.52	-0.34	0.88	-0.44	-1.17	0.83	-0.83	-0.42	0.00	0.00	-1.24	1.14	-0.33	0.00	-0.61	-0.51	-0.66	-1.50	-0.33	-1.13	-0.93	0.89	-9.930440481	
3371	0.28	0.73	-0.31	0.00	-0.33	0.54	-0.34	0.68	-0.40	-0.99	1.24	-0.83	-0.40	0.00	0.00	-1.24	1.18	-0.33	0.00	-0.66	-1.07	0.64	-1.50	-0.33	-1.13	-0.93	0.89	-4.814612915	
3372	-0.02	0.51	-0.63	0.00	-0.33	-0.52	-0.34	0.65	-1.30	-0.44	1.39	-0.83	-0.74	0.00	0.00	-1.24	0.22	-0.33	0.00	-0.26	-0.79	-0.49	-1.50	-0.33	-1.13	-0.93	0.89	-17.28493781	
3373	0.32	0.07	-0.56	0.00	0.02	-0.52	-0.34	0.91	-0.82	0.10	1.05	-0.83	-0.56	0.00	0.00	-1.24	0.74	-0.33	0.00	-0.13	-0.24	-1.07	-1.25	-0.33	-1.13	-0.24	0.33	-17.7660042	
3374	0.62	0.30	-0.56	0.00	0.02	-0.52	-0.34	0.95	-0.82	-0.44	0.89	-0.83	-0.56	0.00	0.00	-1.24	0.74	-0.33	0.00	-0.53	-0.51	-1.11	-1.25	-0.33	-1.13	-0.24	0.33	-18.53390643	
3375	0.81	0.12	-0.39	0.00	0.02	1.07	-0.34	0.75	0.12	-0.26	1.30	-0.83	-0.21	0.00	0.00	-1.24	1.73	-0.33	0.00	-0.24	-0.51	0.74	-1.25	-0.33	-1.13	-0.24	0.33	-2.320524163	
3376	0.51	-0.10	-0.70	0.00	0.02	0.01	-0.34	0.72	-0.78	0.28	1.46	-0.83	-0.55	0.00	0.00	-1.24	0.78	-0.33	0.00	0.15	-0.24	-0.40	-1.25	-0.33	-1.13	-0.24	0.33	-14.79084904	
3377	0.56	-0.53	0.76	-0.79	1.75	-0.52	-0.34	1.49	0.64	0.10	1.19	-0.83	-0.01	0.00	0.00	-1.24	2.28	-0.33	0.00	0.67	-0.24	0.29	0.00	-0.33	-0.09	0.46	-0.21	5.549358958	
3378	0.85	-0.30	0.76	-0.79	1.75	-0.52	-0.34	1.52	0.64	-0.44	1.03	-0.83	-0.01	0.00	0.00	-1.24	2.28	-0.33	0.00	0.28	-0.51	0.25	0.00	-0.33	-0.09	0.46	-0.21	4.78145431	
3379	1.04	-0.48	0.93	-0.79	1.75	0.54	-0.34	1.32	0.68	-0.26	1.44	-0.83	0.00	0.00	0.00	-1.24	2.32	-0.33	0.00	0.23	-1.07	1.56	0.00	-0.33	-0.09	0.46	-0.21	9.897281874	
3380	0.75	-0.70	0.61	-0.79	1.75	-0.52	-0.34	1.29	-0.23	0.28	1.59	-0.83	-0.34	0.00	0.00	-1.24	1.36	-0.33	0.00	0.63	-0.79	0.42	0.00	-0.33	-0.09	0.46	-0.21	-2.573045611	
3381	1.20	-0.06	-0.06	0.80	1.06	0.01	-0.34	1.01	-0.22	0.65	1.22	-0.83	-0.34	0.00	0.00	-1.24	1.37	-0.33	0.00	-0.07	-0.24	-0.55	-0.75	-0.33	-1.13	1.16	-0.20	-0.45142395	
3382	1.50	0.17	-0.06	0.80	1.06	0.01	-0.34	1.04	-0.22	0.10	1.06	-0.83	-0.34	0.00	0.00	-1.24	1.36	-0.33	0.00	-0.47	-0.51	-0.59	-0.75	-0.33	-1.13	1.16	-0.20	-1.219328598	
3383	1.69	0.00	0.11	0.80	1.06	1.60	-0.34	0.84	0.73	0.28	1.06	-0.83	0.02	0.00	0.00	-1.24	2.36	-0.33	0.00	-0.18	-0.51	1.26	-0.75	-0.33	-1.13	1.16	-0.20	14.99405611	
3384	1.40	-0.23	-0.21	0.80	1.06	0.54	-0.34	0.81	-0.18	0.83	1.62	-0.83	-0.32	0.00	0.00	-1.24	1.40	-0.33	0.00	0.21	-0.24	0.12	-0.75	-0.33	-1.13	1.16	-0.20	2.523729162	
3385	0.67	0.52	0.02	-0.79	0.02	0.01	-0.34	0.94	0.10	-0.08	1.15	-0.83	-0.21	0.00	0.00	-1.24	1.71	-0.33	0.00	-0.16	-0.24	-0.17	-1.00	-0.33	-1.13	0.46	0.33	-4.815708172	
3386	0.97	0.75	0.02	-0.79	0.02	0.01	-0.34	0.97	0.10	-0.63	1.00	-0.83	-0.21	0.00	0.00	-1.24	1.71	-0.33	0.00	-0.55	-0.51	-0.21	-1.00	-0.33	-1.13	0.46	0.33	-5.583610772	
3387	1.16	0.57	0.19	-0.79	0.02	1.07	-0.34	0.78	0.14	-0.44	1.40	-0.83	-0.20	0.00	0.00	-1.24	1.75	-0.33	0.00	-0.60	-1.07	1.09	-1.00	-0.33	-1.13	0.46	0.33	-0.467783206	
3388	0.87	0.35	-0.13	-0.79	0.02	0.01	-0.34	0.75	-0.76	0.10	1.56	-0.83	-0.54	0.00	0.00	-1.24	0.79	-0.33	0.00	-0.20	-0.79	-0.04	-1.00	-0.33	-1.13	0.46	0.33	-12.93811069	
3389	-0.45	1.58	-1.69	-1.59	-1.02	-2.11	-0.34	0.55	-1.44	-0.99	0.87	-0.83	-0.79	0.00	0.00	-1.21	0.05	-0.33	0.00	-0.31	-0.24	-1.27	-1.50	-0.33	-1.13	-0.93	1.98	-22.29624963	
3390	-0.15	1.80	-1.69	-1.59	-1.02	-2.11	-0.34	0.58	-1.44	-1.54	0.72	-0.83	-0.79	0.00	0.00	-1.21	0.05	-0.33	0.00	-0.70	-0.51	-1.31	-1.50	-0.33	-1.13	-0.93	1.98	-23.06415391	
3391	0.04	1.63	-1.52	-1.59	-1.02	-1.05	-0.34	0.38	-1.40	-1.35	1.12	-0.83	-0.78	0.00	0.00	-1.21	0.09	-0.33	0.00	-0.75	-1.07	0.00	-1.50	-0.33	-1.13	-0.93	1.98	-17.94832671	
3392	-0.25	1.40	-1.84	-1.59	-1.02	-2.11	-0.34	0.35	-2.30	-0.81	1.28	-0.83	-1.12	0.00	0.00	-1.21	-0.87	-0.33	0.00	-0.35	-0.79	-1.14	-1.50	-0.33	-1.13	-0.93	1.98	-30.41865383	
3393	0.08	0.97	-1.77	-1.59	-0.68	-2.11	-0.34	0.62	-1.82	-0.26	0.94	-0.83	-0.94	0.00	0.00	-1.21	-0.35	-0.33	0.00	-0.22	-0.24	-1.72	-1.25	-0.33	-1.13	-0.24	1.43	-30.89971782	
3394	0.38	1.19	-1.77	-1.59	-0.68	-2.11	-0.34	0.65	-1.82	-0.81	0.78	-0.83	-0.94	0.00	0.00	-1.21	-0.36	-0.33	0.00	-0.62	-0.51	-1.75	-1.25	-0.33	-1.13	-0.24	1.43	-31.66762247	
3395	0.57	1.02	-1.59	-1.59	-0.68	-0.52	-0.34	0.45	-0.88	-0.63	1.18	-0.83	-0.58	0.00	0.00	-1.21	0.64	-0.33	0.00	-0.33	-0.51	0.09	-1.25	-0.33	-1.13	-0.24	1.43	-15.45423776	
3396	0.28	0.80	-1.91	-1.59	-0.68	-1.58	-0.34	0.42	-1.78	-0.08	1.34	-0.83	-0.92	0.00	0.00	-1.21	-0.32	-0.33	0.00	0.06	-0.24	-1.04	-1.25	-0.33	-1.13	-0.24	1.43	-27.9245632	
3397	-0.45	1.54	-1.59	0.00	-1.02	-1																							

3436	-0.25	1.33	-1.64	-1.59	-0.68	-1.32	-0.34	0.50	-2.14	-0.81	1.12	-0.83	-1.06	0.00	0.00	-1.21	-0.70	-0.33	0.00	-0.38	-0.79	-0.99	-1.50	-0.33	-1.13	-0.93	1.80	27.88920958	
3437	0.08	0.90	-1.57	-1.59	-0.33	-1.32	-0.34	0.76	-1.66	-0.26	0.77	-0.83	-0.88	0.00	0.00	-1.21	-0.18	-0.33	0.00	-0.25	-0.24	-1.57	-1.25	-0.33	-1.13	-0.24	1.25	-28.37027579	
3438	0.38	1.12	-1.57	-1.59	-0.33	-1.32	-0.34	0.79	-1.66	-0.81	0.62	-0.83	-0.88	0.00	0.00	-1.21	-0.18	-0.33	0.00	-0.64	-0.51	-1.61	-1.25	-0.33	-1.13	-0.24	1.25	-29.13817822	
3439	0.57	0.95	-1.40	-1.59	-0.33	0.27	-0.34	0.60	-0.71	-0.63	1.02	-0.83	-0.52	0.00	0.00	-1.21	0.81	-0.33	0.00	-0.36	-0.51	0.24	-1.25	-0.33	-1.13	-0.24	1.25	-12.92479351	
3440	0.28	0.72	-1.72	-1.59	-0.33	-0.79	-0.34	0.56	-1.62	-0.08	1.18	-0.83	-0.86	0.00	0.00	-1.21	-0.14	-0.33	0.00	0.04	-0.24	-0.90	-1.25	-0.33	-1.13	-0.24	1.25	-25.39512063	
3441	-0.45	1.47	-1.39	0.00	-0.68	-1.05	-0.34	0.70	-1.19	-1.17	0.71	-0.83	-0.70	0.00	0.00	-1.21	0.31	-0.33	0.00	-0.40	-0.24	-0.98	-1.50	-0.33	-1.13	-0.93	1.71	-8.431545015	
3442	-0.15	1.69	-1.39	0.00	-0.68	-1.05	-0.34	0.73	-1.19	-1.72	0.55	-0.83	-0.70	0.00	0.00	-1.21	0.31	-0.33	0.00	-0.79	-0.51	-1.02	-1.50	-0.33	-1.13	-0.93	1.71	-9.199449491	
3443	0.04	1.52	-1.22	0.00	-0.68	0.01	-0.34	0.53	-1.15	-1.54	0.96	-0.83	-0.69	0.00	0.00	-1.21	0.35	-0.33	0.00	-0.84	-1.07	0.29	-1.50	-0.33	-1.13	-0.93	1.71	-4.083622098	
3444	-0.25	1.29	-1.54	0.00	-0.68	-1.05	-0.34	0.50	-2.06	-0.99	1.12	-0.83	-1.03	0.00	0.00	-1.21	-0.61	-0.33	0.00	-0.44	-0.79	-0.84	-1.50	-0.33	-1.13	-0.93	1.71	-16.55394941	
3445	0.08	0.86	-1.47	0.00	-0.33	-1.05	-0.34	0.76	-1.57	-0.44	0.77	-0.83	-0.84	0.00	0.00	-1.21	-0.10	-0.33	0.00	-0.32	-0.24	-1.42	-1.25	-0.33	-1.13	-0.24	1.16	-17.03501357	
3446	0.38	1.08	-1.47	0.00	-0.33	-1.05	-0.34	0.79	-1.58	-0.99	0.62	-0.83	-0.85	0.00	0.00	-1.21	-0.10	-0.33	0.00	-0.71	-0.51	-1.46	-1.25	-0.33	-1.13	-0.24	1.16	-17.80291786	
3447	0.57	0.91	-1.30	0.00	-0.33	0.54	-0.34	0.60	-0.63	-0.81	1.02	-0.83	-0.49	0.00	0.00	-1.21	0.90	-0.33	0.00	-0.43	-0.51	0.39	-1.25	-0.33	-1.13	-0.24	1.16	-1.589533346	
3448	0.28	0.69	-1.62	0.00	-0.33	-0.52	-0.34	0.56	-1.54	-0.26	1.18	-0.83	-0.83	0.00	0.00	-1.21	-0.06	-0.33	0.00	-0.03	-0.24	-0.75	-1.25	-0.33	-1.13	-0.24	1.16	-14.05985841	
3449	-0.21	0.79	-0.77	0.00	-0.33	-0.52	-0.34	0.85	-0.66	-0.81	0.58	-0.83	-0.50	0.00	0.00	-1.21	0.87	-0.33	0.00	-0.27	-0.24	-0.78	-1.50	-0.33	-1.13	-0.93	1.15	-10.04636152	
3450	0.09	1.01	-0.77	0.00	-0.33	0.49	-0.34	0.88	-0.67	-1.35	0.43	-0.83	-0.50	0.00	0.00	-1.21	0.86	-0.33	0.00	-0.66	-0.51	-0.82	-1.50	-0.33	-1.13	-0.93	1.15	-10.81426617	
3451	0.28	0.84	-0.60	0.00	-0.33	0.54	-0.34	0.68	-0.63	-1.17	0.83	-0.83	-0.49	0.00	0.00	-1.21	0.90	-0.33	0.00	-0.71	-1.07	0.49	-1.50	-0.33	-1.13	-0.93	1.15	-5.698438606	
3452	-0.02	0.62	-0.91	0.00	-0.33	-0.52	-0.34	0.65	-1.53	-0.63	0.99	-0.83	-0.83	0.00	0.00	-1.21	-0.05	-0.33	0.00	-0.31	-0.79	-0.65	-1.50	-0.33	-1.13	-0.93	1.15	-18.16876555	
3453	0.32	0.18	-0.85	0.00	0.02	-0.52	-0.34	0.91	-1.05	-0.08	0.65	-0.83	-0.65	0.00	0.00	-1.21	0.46	-0.33	0.00	-0.18	-0.24	-1.22	-1.25	-0.33	-1.13	-0.24	0.60	-18.64983008	
3454	0.62	0.41	-0.85	0.00	0.02	-0.52	-0.34	0.95	-1.05	-0.63	0.49	-0.83	-0.65	0.00	0.00	-1.21	0.46	-0.33	0.00	-0.58	-0.51	-1.26	-1.25	-0.33	-1.13	-0.24	0.60	-19.41773419	
3455	0.81	0.23	-0.67	0.00	0.02	1.07	-0.34	0.75	-0.11	-0.44	0.89	-0.83	-0.29	0.00	0.00	-1.21	1.45	-0.33	0.00	-0.29	-0.51	0.58	-1.25	-0.33	-1.13	-0.24	0.60	-3.204349854	
3456	0.51	0.01	-0.99	0.00	0.02	0.01	-0.34	0.72	-1.01	0.10	1.05	-0.83	-0.63	0.00	0.00	-1.21	0.50	-0.33	0.00	0.10	-0.24	-0.55	-1.25	-0.33	-1.13	-0.24	0.60	-15.67467492	
3457	0.56	-0.42	0.47	-0.79	1.75	-0.52	-0.34	1.49	0.41	-0.08	0.78	-0.83	-0.10	0.00	0.00	-1.21	2.00	-0.33	0.00	0.62	-0.24	0.14	0.00	-0.33	-0.09	0.46	0.05	4.665531217	
3458	0.85	-0.19	0.47	-0.79	1.75	-0.52	-0.34	1.52	0.41	-0.63	0.63	-0.83	-0.10	0.00	0.00	-1.21	2.00	-0.33	0.00	0.23	-0.51	0.10	0.00	-0.33	-0.09	0.46	0.05	3.897628618	
3459	1.04	-0.37	0.64	-0.79	1.75	0.54	-0.34	1.32	0.45	-0.44	1.03	-0.83	-0.09	0.00	0.00	-1.21	2.04	-0.33	0.00	0.18	-1.07	1.41	0.00	-0.33	-0.09	0.46	0.05	9.013454135	
3460	0.75	-0.59	0.32	-0.79	1.75	-0.52	-0.34	1.29	-0.46	0.10	1.19	-0.83	-0.43	0.00	0.00	-1.21	1.08	-0.33	0.00	0.58	-0.79	0.27	0.00	-0.33	-0.09	0.46	0.05	-3.456871301	
3461	1.20	0.05	-0.35	0.80	1.06	0.01	-0.34	1.01	-0.45	0.46	0.81	-0.83	-0.42	0.00	0.00	-1.21	1.09	-0.33	0.00	-0.12	-0.24	-0.71	-0.75	-0.33	-1.13	1.16	0.07	-1.335251691	
3462	1.50	0.28	-0.35	0.80	1.06	0.01	-0.34	1.04	-0.45	-0.08	0.65	-0.83	-0.43	0.00	0.00	-1.21	1.09	-0.33	0.00	-0.52	-0.51	-0.74	-0.75	-0.33	-1.13	1.16	0.07	-2.103154289	
3463	1.69	0.11	-0.18	0.80	1.06	1.60	-0.34	0.84	0.49	0.10	1.06	-0.83	-0.07	0.00	0.00	-1.21	2.08	-0.33	0.00	-0.23	-0.51	1.10	-0.75	-0.33	-1.13	1.16	0.07	14.11023023	
3464	1.40	-0.12	-0.50	0.80	1.06	0.54	-0.34	0.81	-0.41	0.65	1.22	-0.83	-0.41	0.00	0.00	-1.21	1.13	-0.33	0.00	0.16	-0.24	-0.03	-0.75	-0.33	-1.13	1.16	0.07	1.639903472	
3465	0.67	0.63	-0.27	-0.79	0.02	0.01	-0.34	0.94	-0.13	-0.26	0.75	-0.83	-0.30	0.00	0.00	-1.21	1.44	-0.33	0.00	-0.21	-0.24	-0.33	-1.00	-0.33	-1.13	0.46	0.59	-5.699533863	
3466	0.97	0.86	-0.27	-0.79	0.02	0.01	-0.34	0.97	-0.13	-0.81	0.59	-0.83	-0.30	0.00	0.00	-1.21	1.43	-0.33	0.00	-0.60	-0.51	-0.36	-1.00	-0.33	-1.13	0.46	0.59	-6.467436462	
3467	1.16	0.68	-0.10	-0.79	0.02	1.07	-0.34	1.00	-0.09	-0.63	1.00	-1.21	-0.83	-0.29	0.00	0.00	-1.21	1.47	-0.33	0.00	-0.65	-1.07	0.94	-1.00	-0.33	-1.13	0.46	0.59	-1.351610946
3468	0.87	0.46	-0.42	-0.79	0.02	0.01	-0.34	0.75	-0.99	-0.08	1.15	-0.83	-0.63	0.00	0.00	-1.21	0.52	-0.33	0.00	-0.25	-0.79	-0.19	-1.00	-0.33	-1.13	0.46	0.59	-13.82193638	
3469	0.81	-0.57	0.98	-0.79	0.02	-0.79	-0.34	-0.54	1.08	-0.44	0.53	0.43	3.07	0.00	0.00	0.09	1.14	3.02	0.00	-0.32	-0.24	-0.70	0.50	3.02	0.43	-1.63	-0.81	13.20066404	
3470	1.10	-0.34	0.98	-0.79	0.02	-0.79	-0.34	-0.51	1.08	-0.99	0.37	0.43	3.07	0.00	0.00	0.09	1.14	3.02	0.00	-0.71	-0.51	-0.73	0.50	3.02	0.43	-1.63	-0.81	12.43275995	
3471	1.29	-0.51	1.15	-0.79	0.02	0.27	-0.34	-0.70	1.12	-0.81	0.78	0.43	3.09	0.00	0.00	0.09	1.18	3.02	0.00	-0.76	-1.07	0.57	0.50	3.02	0.43	-1.63	-0.81	17.54858715	
3472	1.00	-0.74	0.83	-0.79	0.02	-0.79	-0.34	-0.74	0.21	-0.26	0.93	0.43	2.75	0.00	0.00	0.09	0.22	3.02	0.00	-0.36	-0.79	-0.56	0.50	3.02	0.43	-1.63	-0.81	5.078260032	
3473	1.34	-1.18	0.90	-0.79	0.36	-0.79	-0.34	-0.47	0.70	0.28	0.59	0.43	2.93	0.00	0.00	0.09	0.73	3.02	0.00	-0.24	-0.24	-1.14	0.75	3.02	0.43	-0.93	-1.36	4.597195671	
3474	1.63	-0.95	0.90	-0.79	0.36	-0.79	-0.34	-0.44	0.70	-0.26	0.43	0.43	2.93	0.00	0.00	0.09	0.73	3.02	0.00	-0.63	-0.51	-1.18	0.75	3.02	0.43	-0.93	-1.36	3.829291391	
3475	1.82	-1.12	1.07	-0.79	0.36	0.80	-0.34	-0.64	1.64	-0.08	0.84	0.43	3.28	0.00	0.00	0.09	1.73	3.02	0.00	-0.35	-0.51	0.67	0.75	3.02	0.43	-0.93	-1.36	20.04267573	
3476	1.53	-1.35	0.75	-0.79	0.36	-0.26	-0.34	-0.67	0.73	0.46	1.00	0.43	2.94	0.00	0.00	0.09	0.77	3.02	0.00	0.05	-0.24	-0.47	0.75	3.02	0.43	-0.93	-1.36	7.57235066	
3477	-0.45	0.47	-0.07	-0.79	-0.33	-1.32	-0.34	-0.67	0.21	-1.17	-0.79	0.43	-0.17	0.00	0.00	0.09	0.22	-0.33	0.00	-0.57	-0.24	-0.79	-1.25	-0.33	-0.61	-1.63	0.14	-30.18668515	
3478	-0.15	0.70	-0.07	-0.79	-0.33	-1.32	-0.34	-0.64	0.21	-1.72	-0.94	0.43	-0.18	0.00	0.00	0.09	0.21	-0.33	0.00	-0.97	-0.51	-0.83	-1.25	-0.33	-0.61	-1.63	0.14	-30.95458943	
3479	0.04	0.52	0.10	-0.79	-0.33	-0.26	-0.34	-0.84	0.25	-1.54	-0.54	0.43	-0.16	0.00	0.00	0.09	0.25	-0.33	0.00	-1.01	-1.07	0.48	-1.25	-0.33	-0.61	-1.63	0.14	-25.83876224	
3480	-0.25	0.30	-0.22	-0.79	-0.33	-1.32	-0.34	-0.87	-0.66	-0.99	-0.38	0.43	-0.50	0.00	0.00	0.09	-0.70	-0.33	0.00	-0.62	-0.79	-0.66	-1.25	-0.33	-0.61	-1.63	0.14	-38.30908935	
3481	0.08	-0.14	-0.15	-0.79	0.02																								

3520	0.28	-0.13	-0.78	-0.79	-0.33	-1.05	-0.34	-0.95	-0.53	-0.44	-0.56	0.43	-0.45	0.00	0.11	-0.60	-0.33	0.00	-0.23	-0.24	-0.86	-1.00	-0.33	-0.61	-0.93	0.03	38.17060076
3521	-0.45	0.62	-0.46	0.80	-0.68	-0.79	-0.34	-0.82	-0.10	-1.54	-1.03	0.43	-0.29	0.00	0.11	-0.15	-0.33	0.00	-0.67	-0.24	-0.94	-1.25	-0.33	-0.61	-1.63	0.49	-20.1480578
3522	-0.15	0.84	-0.46	0.80	-0.68	-0.79	-0.34	-0.79	-0.11	-2.08	-1.19	0.43	-0.29	0.00	0.11	-0.15	-0.33	0.00	-1.06	-0.51	-0.98	-1.25	-0.33	-0.61	-1.63	0.49	-20.91596023
3523	0.04	0.67	-0.28	0.80	-0.68	0.27	-0.34	-0.98	-0.07	-1.90	-0.78	0.43	-0.28	0.00	0.11	-0.11	-0.33	0.00	-1.11	-1.07	0.32	-1.25	-0.33	-0.61	-1.63	0.49	-15.80013471
3524	-0.25	0.44	-0.60	0.80	-0.68	-0.79	-0.34	-1.01	-0.97	-1.35	-0.62	0.43	-0.62	0.00	0.11	-1.07	-0.33	0.00	-0.71	-0.79	-0.81	-1.25	-0.33	-0.61	-1.63	0.49	-28.27045978
3525	0.08	0.01	-0.53	0.80	-0.33	-0.79	-0.34	-0.75	-0.49	-0.81	-0.97	0.43	-0.44	0.00	0.11	-0.56	-0.33	0.00	-0.58	-0.24	-1.39	-1.00	-0.33	-0.61	-0.93	-0.06	-28.75152414
3526	0.38	0.23	-0.54	0.80	-0.33	-0.79	-0.34	-0.72	-0.49	-1.35	-1.12	0.43	-0.44	0.00	0.11	-0.56	-0.33	0.00	-0.98	-0.51	-1.43	-1.00	-0.33	-0.61	-0.93	-0.06	-29.51942842
3527	0.57	0.06	-0.36	0.80	-0.33	0.80	-0.34	-0.92	0.45	-1.17	-0.72	0.43	-0.08	0.00	0.11	0.44	-0.33	0.00	-0.69	-0.51	0.42	-1.00	-0.33	-0.61	-0.93	-0.06	-13.30604408
3528	0.28	-0.16	-0.68	0.80	-0.33	-0.26	-0.34	-0.95	-0.45	-0.63	-0.56	0.43	-0.42	0.00	0.11	-0.52	-0.33	0.00	-0.30	-0.24	-0.72	-1.00	-0.33	-0.61	-0.93	-0.06	-25.7763712
3529	-0.21	-0.06	0.17	0.80	-0.33	-0.26	-0.34	-0.66	0.42	-1.17	-1.16	0.43	-0.10	0.00	0.11	0.41	-0.33	0.00	-0.54	-0.24	-0.75	-1.25	-0.33	-0.61	-1.63	-0.07	-21.7628745
3530	0.09	0.16	0.17	0.80	-0.33	-0.26	-0.34	-0.63	0.42	-1.72	-1.31	0.43	-0.10	0.00	0.11	0.40	-0.33	0.00	-0.93	-0.51	-0.78	-1.25	-0.33	-0.61	-1.63	-0.07	-22.53077656
3531	0.28	-0.01	0.34	0.80	-0.33	0.80	-0.34	-0.83	0.46	-1.54	-0.91	0.43	-0.08	0.00	0.11	0.44	-0.33	0.00	-0.97	-1.07	0.52	-1.25	-0.33	-0.61	-1.63	-0.07	-17.41495158
3532	-0.02	-0.24	0.02	0.80	-0.33	-0.26	-0.34	-0.86	-0.45	-0.99	-0.75	0.43	-0.42	0.00	0.11	-0.51	-0.33	0.00	-0.58	-0.79	-0.61	-1.25	-0.33	-0.61	-1.63	-0.07	-29.88527629
3533	0.32	-0.67	0.09	0.80	0.02	-0.26	-0.34	-0.60	0.04	-0.44	-1.09	0.43	-0.24	0.00	0.11	0.00	-0.33	0.00	-0.45	-0.24	-1.19	-1.00	-0.33	-0.61	-0.93	-0.62	-30.36634082
3534	-0.44	-0.44	0.09	0.80	0.02	-0.26	-0.34	-0.57	0.03	-0.99	-1.25	0.43	-0.24	0.00	0.11	0.00	-0.33	0.00	-0.85	-0.51	-1.23	-1.00	-0.33	-0.61	-0.93	-0.62	-31.13424493
3535	0.81	-0.62	0.26	0.80	0.02	1.33	-0.34	-0.76	0.98	-0.81	-0.85	0.43	0.11	0.00	0.11	0.99	-0.33	0.00	-0.56	-0.51	0.62	-1.00	-0.33	-0.61	-0.93	-0.62	-14.92086059
3536	0.51	-0.84	-0.06	0.80	0.02	0.27	-0.34	-0.79	0.07	-0.26	-0.69	0.43	-0.23	0.00	0.11	0.04	-0.33	0.00	-0.17	-0.24	-0.52	-1.00	-0.33	-0.61	-0.93	-0.62	-27.39118771
3537	0.56	-1.27	1.41	0.00	1.75	-0.26	-0.34	-0.02	1.50	-0.44	-0.96	0.43	0.31	0.00	0.11	1.54	-0.33	0.00	0.36	-0.24	0.17	0.25	-0.33	0.43	-0.24	-1.17	-7.050979709
3538	0.85	-1.04	1.41	0.00	1.75	-0.26	-0.34	0.01	1.49	-0.99	-1.11	0.43	0.31	0.00	0.11	1.54	-0.33	0.00	-0.04	-0.51	0.13	0.25	-0.33	0.43	-0.24	-1.17	-7.818884357
3539	1.04	-1.22	1.58	0.00	1.75	0.80	-0.34	-0.19	1.53	-0.81	-0.71	0.43	0.32	0.00	0.11	1.58	-0.33	0.00	-0.08	-1.07	1.44	0.25	-0.33	0.43	-0.24	-1.17	-2.703056602
3540	0.75	-1.44	1.26	0.00	1.75	-0.26	-0.34	-0.22	0.63	-0.26	-0.55	0.43	-0.02	0.00	0.11	0.62	-0.33	0.00	0.31	-0.79	0.30	0.25	-0.33	0.43	-0.24	-1.17	-15.17338204
3541	1.20	-0.80	0.59	1.59	1.06	0.27	-0.34	-0.50	0.64	0.10	-0.93	0.43	-0.02	0.00	0.11	0.63	-0.33	0.00	-0.39	-0.24	-0.67	-0.50	-0.33	-0.61	0.46	-1.15	-13.05176262
3542	1.50	-0.57	0.59	1.59	1.06	0.27	-0.34	-0.47	0.64	-0.44	-1.09	0.43	-0.02	0.00	0.11	0.63	-0.33	0.00	-0.79	-0.51	-0.71	-0.50	-0.33	-0.61	0.46	-1.15	-13.81966485
3543	1.69	-0.74	0.76	1.59	1.06	1.86	-0.34	-0.67	1.58	-0.26	-0.68	0.43	0.34	0.00	0.11	1.62	-0.33	0.00	-0.50	-0.51	1.14	-0.50	-0.33	-0.61	0.46	-1.15	2.393717612
3544	1.40	-0.97	0.44	1.59	1.06	0.80	-0.34	-0.70	0.67	0.28	-0.52	0.43	0.00	0.00	0.11	0.66	-0.33	0.00	-0.11	-0.24	0.00	-0.50	-0.33	-0.61	0.46	-1.15	-10.07660746
3545	0.67	-0.22	0.67	0.00	0.02	0.27	-0.34	-0.57	0.96	-0.63	-0.99	0.43	0.11	0.00	0.11	0.98	-0.33	0.00	-0.48	-0.24	-0.29	-0.75	-0.33	-0.61	-0.24	-0.63	-17.41604479
3546	0.97	0.01	0.67	0.00	0.02	0.27	-0.34	-0.54	0.96	-1.17	-1.15	0.43	0.11	0.00	0.11	0.97	-0.33	0.00	-0.87	-0.51	-0.33	-0.75	-0.33	-0.61	-0.24	-0.63	-18.18394944
3547	1.16	-0.17	0.84	0.00	0.02	1.33	-0.34	-0.74	1.00	-0.99	-0.74	0.43	0.12	0.00	0.11	1.01	-0.33	0.00	-0.91	-1.07	0.97	-0.75	-0.33	-0.61	-0.24	-0.63	-13.06812168
3548	0.87	-0.39	0.52	0.00	0.02	0.27	-0.34	-0.77	0.09	-0.44	-0.59	0.43	-0.22	0.00	0.11	0.05	-0.33	0.00	-0.52	-0.79	-0.16	-0.75	-0.33	-0.61	-0.24	-0.63	-25.5384488
3549	0.81	-0.46	0.69	-0.79	0.02	-0.79	-0.34	-0.54	0.85	-0.63	0.12	0.43	2.99	0.00	0.11	0.86	3.02	0.00	-0.37	-0.24	-0.85	0.50	3.02	0.43	-1.63	-0.54	12.32583348
3550	1.10	-0.23	0.69	-0.79	0.02	-0.79	-0.34	-0.51	0.85	-1.17	-0.03	0.43	2.99	0.00	0.11	0.86	3.02	0.00	-0.76	-0.51	-0.88	0.50	3.02	0.43	-1.63	-0.54	11.55793125
3551	1.29	-0.41	0.86	-0.79	0.02	0.27	-0.34	-0.70	0.89	-0.99	-0.37	0.43	3.00	0.00	0.11	0.90	3.02	0.00	-0.81	-1.07	0.42	0.50	3.02	0.43	-1.63	-0.54	16.6737564
3552	1.00	-0.63	0.54	-0.79	0.02	-0.79	-0.34	-0.74	-0.02	-0.44	0.53	0.43	2.66	0.00	0.11	-0.06	3.02	0.00	-0.41	-0.79	-0.71	0.50	3.02	0.43	-1.63	-0.54	4.203431332
3553	1.34	-1.07	0.61	-0.79	0.36	-0.79	-0.34	-0.47	0.47	0.10	0.19	0.43	2.84	0.00	0.11	0.46	3.02	0.00	-0.29	-0.24	-1.29	0.75	3.02	0.43	-0.93	-1.09	3.722366973
3554	1.63	-0.84	0.61	-0.79	0.36	-0.79	-0.34	-0.44	0.47	-0.44	0.03	0.43	2.84	0.00	0.11	0.45	3.02	0.00	-0.68	-0.51	-1.33	0.75	3.02	0.43	-0.93	-1.09	2.954462692
3555	1.82	-1.01	0.78	-0.79	0.36	0.80	-0.34	-0.64	1.41	-0.26	0.43	0.43	3.20	0.00	0.11	1.45	3.02	0.00	-0.40	-0.51	0.52	0.75	3.02	0.43	-0.93	-1.09	19.16784703
3556	1.53	-1.24	0.46	-0.79	0.36	-0.26	-0.34	-0.67	0.50	0.28	0.59	0.43	2.86	0.00	0.11	0.49	3.02	0.00	0.00	-0.24	-0.62	0.75	3.02	0.43	-0.93	-1.09	6.697520085
3557	-0.45	0.58	-0.36	-0.79	-0.33	-0.79	-0.34	-0.67	-0.02	-1.35	-1.19	0.43	-0.26	0.00	0.11	-0.06	-0.33	0.00	-0.62	-0.24	-0.95	-1.25	-0.33	-0.61	-1.63	0.40	-30.01284516
3558	-0.15	0.81	-0.36	-0.79	-0.33	-0.79	-0.34	-0.64	-0.02	-1.90	-1.35	0.43	-0.26	0.00	0.11	-0.07	-0.33	0.00	-1.02	-0.51	-0.98	-1.25	-0.33	-0.61	-1.63	0.40	-30.78074739
3559	0.04	0.63	-0.19	-0.79	-0.33	0.27	-0.34	-0.84	0.01	-1.72	-0.94	0.43	-0.25	0.00	0.11	-0.03	-0.33	0.00	-1.06	-1.07	0.32	-1.25	-0.33	-0.61	-1.63	0.40	-25.66492224
3560	-0.25	0.41	-0.51	-0.79	-0.33	-0.79	-0.34	-0.87	-0.89	-1.17	-0.79	0.43	-0.59	0.00	0.11	-0.98	-0.33	0.00	-0.67	-0.79	-0.81	-1.25	-0.33	-0.61	-1.63	0.40	-38.13524731
3561	0.08	-0.03	-0.44	-0.79	0.02	-0.79	-0.34	-0.60	-0.41	-0.63	-1.13	0.43	-0.41	0.00	0.11	-0.47	-0.33	0.00	-0.54	-0.24	-1.39	-1.00	-0.33	-0.61	-0.93	-0.15	-38.61631353
3562	0.38	0.20	-0.44	-0.79	0.02	-0.79	-0.34	-0.57	-0.41	-1.17	-1.29	0.43	-0.41	0.00	0.11	-0.47	-0.33	0.00	-0.94	-0.51	-1.43	-1.00	-0.33	-0.61	-0.93	-0.15	-39.38421576
3563	0.57	0.03	-0.27	-0.79	0.02	0.80	-0.34	-0.77	0.54	-0.99	-0.88	0.43	-0.05	0.00	0.11	0.52	-0.33	0.00	-0.65	-0.51	0.42	-1.00	-0.33	-0.61	-0.93	-0.15	-23.17083142
3564	0.28	-0.20	-0.59	-0.79	0.02	-0.26	-0.34	-0.80	-0.37	-0.44	-0.72	0.43	-0.39	0.00	0.11	-0.43	-0.33	0.00	-0.26	-0.24	-0.72	-1.00	-0.33	-0.61	-0.93	-0.15	-35.64115854
3565	-0.45	0.54	-0.26	0.80	-0.33	-0.52	-0.34	-0.67	0.06	-1.54	-1.19	0.43	-0.23	0.00	0.11	0.02	-0.33	0.00	-0.69	-0.24	-0.80	-1.25	-0.33	-0.61	-1.63	0.31	-18.67758294
3566	-0.15	0.77	-0.26	0.80	-0.33	-0.52	-0.34	-0.64	0.06	-2.08	-1.35	0.43	-0.23	0.00	0.11	0.02	-0.33	0.00	-1.09	-0.51	-0.84	-1.25					

3604	1.67	-2.31	1.75	-1.59	1.75	0.01	-0.34	-0.22	1.04	-0.44	-1.14	0.43	0.14	0.00	0.00	1.21	-0.26	-0.33	0.00	0.12	-0.79	-1.22	0.50	-0.33	0.43	0.46	-1.61	38.28583172
3605	2.12	-1.67	1.08	0.00	1.06	0.54	-0.34	-0.50	1.05	-0.08	-1.52	0.43	0.14	0.00	0.00	1.21	-0.25	-0.33	0.00	-0.58	-0.24	-2.20	-0.25	-0.33	-0.61	1.16	-1.59	-36.1642123
3606	2.42	-1.44	1.08	0.00	1.06	0.54	-0.34	-0.47	1.05	-0.63	-1.67	0.43	0.14	0.00	0.00	1.21	-0.26	-0.33	0.00	-0.97	-0.51	-2.24	-0.25	-0.33	-0.61	1.16	-1.59	-36.93211434
3607	2.61	-1.62	1.25	0.00	1.06	2.13	-0.34	-0.67	2.00	-0.44	-1.27	0.43	0.49	0.00	0.00	1.21	0.74	-0.33	0.00	-0.69	-0.51	-0.39	-0.25	-0.33	-0.61	1.16	-1.59	-20.71873224
3608	2.31	-1.84	0.93	0.00	1.06	1.07	-0.34	-0.70	1.09	0.10	-1.11	0.43	0.15	0.00	0.00	1.21	-0.22	-0.33	0.00	-0.29	-0.24	-1.53	-0.25	-0.33	-0.61	1.16	-1.59	-33.18905731
3609	1.59	-1.09	1.16	-1.59	0.02	0.54	-0.34	-0.57	1.37	-0.81	-1.58	0.43	0.26	0.00	0.00	1.21	0.09	-0.33	0.00	-0.66	-0.24	-1.82	-0.50	-0.33	-0.61	0.46	-1.07	-40.52849428
3610	1.89	-0.87	1.16	-1.59	0.02	0.54	-0.34	-0.54	1.37	-1.35	-1.74	0.43	0.26	0.00	0.00	1.21	0.09	-0.33	0.00	-1.05	-0.51	-1.86	-0.50	-0.33	-0.61	0.46	-1.07	-41.29639893
3611	2.08	-1.04	1.33	-1.59	0.02	1.60	-0.34	-0.74	1.41	-1.17	-1.33	0.43	0.28	0.00	0.00	1.21	0.13	-0.33	0.00	-1.10	-1.07	-0.55	-0.50	-0.33	-0.61	0.46	-1.07	-36.18057136
3612	1.78	-1.27	1.01	-1.59	0.02	0.54	-0.34	-0.77	0.51	-0.63	-1.17	0.43	-0.06	0.00	0.00	1.21	-0.83	-0.33	0.00	-0.71	-0.79	-1.69	-0.50	-0.33	-0.61	0.46	-1.07	-48.65089643
3613	0.63	-0.26	0.03	-0.79	-0.68	-1.05	-0.34	-0.82	0.30	-0.63	-0.71	0.43	-0.14	0.00	0.00	0.86	-0.62	-0.33	0.00	-0.28	-0.24	-1.28	-1.00	-0.33	-0.61	-0.93	0.05	-33.74239818
3614	0.92	-0.03	0.03	-0.79	-0.68	-1.05	-0.34	-0.79	0.30	-1.17	-0.87	0.43	-0.14	0.00	0.00	0.86	-0.63	-0.33	0.00	-0.68	-0.51	-1.31	-1.00	-0.33	-0.61	-0.93	0.05	-34.51030283
3615	1.12	-0.20	0.20	-0.79	-0.68	0.01	-0.34	-0.98	0.34	-0.99	-0.46	0.43	-0.13	0.00	0.00	0.86	-0.59	-0.33	0.00	-0.72	-1.07	-0.29	-1.00	-0.33	-0.61	-0.93	0.05	-29.39447526
3616	0.82	-0.43	-0.11	-0.79	-0.68	-1.05	-0.34	-1.01	-0.57	-0.44	-0.31	0.43	-0.47	0.00	0.00	0.86	-1.54	-0.33	0.00	-0.33	-0.79	-1.14	-1.00	-0.33	-0.61	-0.93	0.05	-41.86480033
3617	1.16	-0.86	-0.05	-0.79	-0.33	-1.05	-0.34	-0.75	-0.08	0.10	-0.65	0.43	-0.28	0.00	0.00	0.86	-1.03	-0.33	0.00	-0.20	-0.24	-1.72	-0.75	-0.33	-0.61	-0.24	-0.50	-42.34586674
3618	1.45	-0.64	-0.05	-0.79	-0.33	-1.05	-0.34	-0.72	-0.08	-0.44	-0.81	0.43	-0.28	0.00	0.00	0.86	-1.03	-0.33	0.00	-0.59	-0.51	-1.76	-0.75	-0.33	-0.61	-0.24	-0.50	-43.11376897
3619	1.65	-0.81	0.13	-0.79	-0.33	0.54	-0.34	-0.92	0.86	-0.26	-0.40	0.43	0.07	0.00	0.00	0.86	-0.04	-0.33	0.00	-0.31	-0.51	0.09	-0.75	-0.33	-0.61	-0.24	-0.50	-26.90038669
3620	1.35	-1.04	-0.19	-0.79	-0.33	-0.52	-0.34	-0.95	-0.05	0.28	-0.24	0.43	-0.27	0.00	0.00	0.86	-0.99	-0.33	0.00	0.09	-0.24	-1.05	-0.75	-0.33	-0.61	-0.24	-0.50	-39.37071158
3621	0.87	-0.94	0.66	-0.79	-0.33	0.01	-0.34	-0.66	0.83	-0.26	-0.84	0.43	0.06	0.00	0.00	0.86	-0.07	-0.33	0.00	-0.15	-0.24	-1.08	-1.00	-0.33	-0.61	-0.93	-0.51	-34.30852201
3622	1.16	-0.71	0.66	-0.79	-0.33	0.01	-0.34	-0.63	0.82	-0.81	-1.00	0.43	0.06	0.00	0.00	0.86	-0.07	-0.33	0.00	-0.54	-0.51	-1.12	-1.00	-0.33	-0.61	-0.93	-0.51	-35.07642612
3623	1.35	-0.88	0.83	-0.79	-0.33	1.07	-0.34	-0.83	0.86	-0.63	-0.59	0.43	0.07	0.00	0.00	0.86	-0.03	-0.33	0.00	-0.59	-1.07	0.19	-1.00	-0.33	-0.61	-0.93	-0.51	-29.96059909
3624	1.06	-1.11	0.51	-0.79	-0.33	0.01	-0.34	-0.86	-0.04	-0.08	-0.43	0.43	-0.27	0.00	0.00	0.86	-0.99	-0.33	0.00	-0.19	-0.79	-0.94	-1.00	-0.33	-0.61	-0.93	-0.51	-42.43092399
3625	1.40	-1.54	0.58	-0.79	0.02	0.01	-0.34	-0.60	0.44	0.46	-0.78	0.43	-0.09	0.00	0.00	0.86	-0.48	-0.33	0.00	-0.07	-0.24	-1.52	-0.75	-0.33	-0.61	-0.24	-1.06	-42.91199038
3626	1.69	-1.32	0.58	-0.79	0.02	0.01	-0.34	-0.57	0.44	-0.08	-0.93	0.43	-0.09	0.00	0.00	0.86	-0.48	-0.33	0.00	-0.46	-0.51	-1.56	-0.75	-0.33	-0.61	-0.24	-1.06	-43.67989244
3627	1.88	-1.49	0.75	-0.79	0.02	1.60	-0.34	-0.76	1.38	0.10	-0.53	0.43	0.27	0.00	0.00	0.86	0.52	-0.33	0.00	-0.18	-0.51	0.28	-0.75	-0.33	-0.61	-0.24	-1.06	-27.46651034
3628	1.59	-1.71	0.43	-0.79	0.02	0.54	-0.34	-0.79	0.48	0.65	-0.37	0.43	-0.07	0.00	0.00	0.86	-0.44	-0.33	0.00	0.22	-0.24	-0.85	-0.75	-0.33	-0.61	-0.24	-1.06	-39.93683522
3629	1.63	-2.14	1.90	-1.59	1.75	0.01	-0.34	-0.02	1.90	0.46	-0.64	0.43	0.46	0.00	0.00	0.86	1.07	-0.33	0.00	0.74	-0.24	-0.16	0.50	-0.33	0.43	0.46	-1.61	-19.59662722
3630	1.93	-1.92	1.90	-1.59	1.75	0.01	-0.34	0.01	1.90	-0.08	-0.80	0.43	0.46	0.00	0.00	0.86	1.07	-0.33	0.00	0.35	-0.51	-0.20	0.50	-0.33	0.43	0.46	-1.61	-20.36453187
3631	2.12	-2.09	2.07	-1.59	1.75	1.07	-0.34	-0.19	1.94	0.10	-0.39	0.43	0.47	0.00	0.00	0.86	1.11	-0.33	0.00	0.30	-1.07	1.11	0.50	-0.33	0.43	0.46	-1.61	-15.2487043
3632	1.82	-2.31	1.75	-1.59	1.75	0.01	-0.34	-0.22	1.03	0.65	-0.23	0.43	0.13	0.00	0.00	0.86	0.15	-0.33	0.00	0.70	-0.79	-0.03	0.50	-0.33	0.43	0.46	-1.61	-27.71903161
3633	2.28	-1.67	1.08	0.00	1.06	0.54	-0.34	-0.50	1.04	1.01	-0.61	0.43	0.14	0.00	0.00	0.86	0.15	-0.33	0.00	-0.01	-0.24	-1.01	-0.25	-0.33	-0.61	1.16	-1.59	-25.59741013
3634	2.57	-1.44	1.08	0.00	1.06	0.54	-0.34	-0.47	1.04	0.46	-0.77	0.43	0.13	0.00	0.00	0.86	0.15	-0.33	0.00	-0.40	-0.51	-1.04	-0.25	-0.33	-0.61	1.16	-1.59	-26.36531423
3635	2.77	-1.62	1.25	0.00	1.06	2.13	-0.34	-0.47	1.99	0.65	-0.67	0.43	0.49	0.00	0.00	0.86	1.15	-0.33	0.00	-0.12	-0.51	0.80	-0.25	-0.33	-0.61	1.16	-1.59	-10.15192999
3636	2.47	-1.84	0.93	0.00	1.06	1.07	-0.34	-0.70	1.08	1.19	-0.21	0.43	0.15	0.00	0.00	0.86	0.19	-0.33	0.00	0.28	-0.24	-0.33	-0.25	-0.33	-0.61	1.16	-1.59	-22.62225496
3637	1.75	-1.09	1.15	-1.59	0.02	0.54	-0.34	-0.57	1.36	0.28	-0.67	0.43	0.26	0.00	0.00	0.86	0.50	-0.33	0.00	-0.09	-0.24	-0.63	-0.50	-0.33	-0.61	0.46	-1.07	-29.9616923
3638	2.04	-0.87	1.15	-1.59	0.02	0.54	-0.34	-0.54	1.36	-0.26	-0.83	0.43	0.26	0.00	0.00	0.86	0.50	-0.33	0.00	-0.48	-0.51	-0.66	-0.50	-0.33	-0.61	0.46	-1.07	-30.72959695
3639	2.24	-1.04	1.33	-1.59	0.02	1.60	-0.34	-0.74	1.40	-0.08	-0.43	0.43	0.27	0.00	0.00	0.86	0.54	-0.33	0.00	-0.53	-1.07	0.64	-0.50	-0.33	-0.61	0.46	-1.07	-25.61376938
3640	1.94	-1.27	1.01	-1.59	0.02	0.54	-0.34	-0.77	0.50	0.46	-0.27	0.43	-0.07	0.00	0.00	0.86	-0.42	-0.33	0.00	-0.13	-0.79	-0.49	-0.50	-0.33	-0.61	0.46	-1.07	-38.0840965
3641	1.16	-0.57	1.06	-0.79	-1.02	0.27	-0.80	-0.31	1.09	0.46	0.53	0.03	3.07	0.00	0.00	1.11	-0.10	3.02	0.00	0.32	-0.24	0.39	1.26	3.02	0.95	-0.93	-0.81	30.32252589
3642	1.46	-0.34	1.06	-0.79	-1.02	0.27	-0.80	-0.28	1.08	-0.08	0.37	0.03	3.07	0.00	0.00	1.11	-0.10	3.02	0.00	-0.07	-0.51	0.35	1.26	3.02	0.95	-0.93	-0.81	29.55462383
3643	1.65	-0.51	1.23	-0.79	-1.02	1.33	-0.80	-0.48	1.12	0.10	0.78	0.03	3.09	0.00	0.00	1.11	-0.06	3.02	0.00	-0.12	-1.07	1.65	1.26	3.02	0.95	-0.93	-0.81	34.67044917
3644	1.35	-0.74	0.91	-0.79	-1.02	0.27	-0.80	-0.51	0.22	0.65	0.93	0.03	2.75	0.00	0.00	1.11	-1.02	3.02	0.00	0.28	-0.79	0.52	1.26	3.02	0.95	-0.93	-0.81	22.20012391
3645	1.69	-1.18	0.98	-0.79	-0.68	0.27	-0.80	-0.24	0.70	1.19	0.59	0.03	2.93	0.00	0.00	1.11	-0.50	3.02	0.00	0.40	-0.24	-0.06	1.51	3.02	0.95	-0.24	-1.36	21.71905974
3646	1.99	-0.95	0.98	-0.79	-0.68	0.27	-0.80	-0.21	0.70	0.65	0.43	0.03	2.93	0.00	0.00	1.11	-0.51	3.02	0.00	0.01	-0.51	-0.10	1.51	3.02	0.95	-0.24	-1.36	20.95115527
3647	2.18	-1.12	1.15	-0.79	-0.68	1.86	-0.80	-0.41	1.64	0.83	0.84	0.03	3.28	0.00	0.00	1.11	0.49	3.02	0.00	0.29	-0.51	1.75	1.51	3.02	0.95	-0.24	-1.36	37.16453997
3648	1.88	-1.35	0.83	-0.79	-0.68	0.80	-0.80	-0.44	0.74	1.37	1.00	0.03	2.94	0.00	0.00	1.11	-0.47	3.02	0.00	0.69	-0.24	0.61	1.51	3.02	0.95	-0.24	-1.36	24.69421249
3649	-0.09	0.47	0.01	-0.79	-1.37	-0.26	-0																					

3688	0.10	0.48	-0.62	-0.79	-1.72	-0.52	-0.80	-0.79	-1.05	-0.26	-0.62	0.03	-0.65	0.00	0.00	1.14	-2.39	-0.33	0.00	-0.01	-0.79	0.12	-0.50	-0.33	-0.09	-0.93	0.58	23.54282749
3689	0.44	0.05	-0.55	-0.79	-1.37	-0.52	-0.80	-0.52	-0.57	0.28	-0.97	0.03	-0.47	0.00	0.00	1.14	-1.88	-0.33	0.00	0.12	-0.24	-0.46	-0.25	-0.33	-0.09	-0.24	0.03	-24.02389185
3690	0.73	0.27	-0.55	-0.79	-1.37	-0.52	-0.80	-0.49	-0.57	-0.26	-1.12	0.03	-0.47	0.00	0.00	1.14	-1.88	-0.33	0.00	-0.27	-0.51	-0.49	-0.25	-0.33	-0.09	-0.24	0.03	-24.79179613
3691	0.93	0.10	-0.38	-0.79	-1.37	1.07	-0.80	-0.69	0.38	-0.08	-0.72	0.03	-0.11	0.00	0.00	1.14	-0.89	-0.33	0.00	0.01	-0.51	1.35	-0.25	-0.33	-0.09	-0.24	0.03	-8.578411794
3692	0.63	-0.13	-0.70	-0.79	-1.37	0.01	-0.80	-0.72	-0.53	0.46	-0.56	0.03	-0.45	0.00	0.00	1.14	-1.84	-0.33	0.00	0.41	-0.24	0.22	-0.25	-0.33	-0.09	-0.24	0.03	-21.04873874
3693	-0.09	0.62	-0.37	0.80	-1.72	0.27	-0.80	-0.59	-0.10	-0.63	-1.03	0.03	-0.29	0.00	0.00	1.14	-1.39	-0.33	0.00	-0.03	-0.24	0.14	-0.50	-0.33	-0.09	-0.93	0.49	-3.026193922
3694	0.20	0.84	-0.37	0.80	-1.72	0.27	-0.80	-0.56	-0.10	-1.17	-1.19	0.03	-0.29	0.00	0.00	1.14	-1.39	-0.33	0.00	-0.42	-0.51	0.10	-0.50	-0.33	-0.09	-0.93	0.49	-3.794098031
3695	0.39	0.67	-0.20	0.80	-1.72	1.33	-0.80	-0.75	-0.06	-0.99	-0.78	0.03	-0.28	0.00	0.00	1.14	-1.35	-0.33	0.00	-0.47	-1.07	1.40	-0.50	-0.33	-0.09	-0.93	0.49	1.321728994
3696	0.10	0.44	-0.52	0.80	-1.72	0.27	-0.80	-0.79	-0.97	-0.44	-0.62	0.03	-0.62	0.00	0.00	1.14	-2.31	-0.33	0.00	-0.07	-0.79	0.27	-0.50	-0.33	-0.09	-0.93	0.49	-11.14859795
3697	0.44	0.01	-0.45	0.80	-1.37	0.27	-0.80	-0.52	-0.48	0.10	-0.97	0.03	-0.44	0.00	0.00	1.14	-1.79	-0.33	0.00	0.05	-0.24	-0.31	-0.25	-0.33	-0.09	-0.24	-0.06	-11.62966248
3698	0.73	0.23	-0.45	0.80	-1.37	0.27	-0.80	-0.49	-0.49	-0.44	-1.12	0.03	-0.44	0.00	0.00	1.14	-1.80	-0.33	0.00	-0.34	-0.51	-0.35	-0.25	-0.33	-0.09	-0.24	-0.06	-12.39756659
3699	0.93	0.06	-0.28	0.80	-1.37	1.86	-0.80	-0.69	0.46	-0.26	-0.72	0.03	-0.08	0.00	0.00	1.14	-0.80	-0.33	0.00	-0.06	-0.51	1.50	-0.25	-0.33	-0.09	-0.24	-0.06	3.815817746
3700	0.63	-0.16	-0.60	0.80	-1.37	0.80	-0.80	-0.72	-0.45	0.28	-0.56	0.03	-0.42	0.00	0.00	1.14	-1.76	-0.33	0.00	0.34	-0.24	0.37	-0.25	-0.33	-0.09	-0.24	-0.06	-8.654507322
3701	0.14	-0.06	0.25	0.80	-1.37	0.80	-0.80	-0.44	0.42	-0.26	-1.16	0.03	-0.09	0.00	0.00	1.14	-0.83	-0.33	0.00	0.10	-0.24	0.34	-0.50	-0.33	-0.09	-0.93	-0.07	-4.641010429
3702	0.44	0.16	0.25	0.80	-1.37	0.80	-0.80	-0.40	0.42	-0.81	-1.31	0.03	-0.10	0.00	0.00	1.14	-0.83	-0.33	0.00	-0.29	-0.51	0.30	-0.50	-0.33	-0.09	-0.93	-0.07	-5.408914711
3703	0.63	-0.01	0.42	0.80	-1.37	1.86	-0.80	-0.60	0.46	-0.63	-0.91	0.03	-0.08	0.00	0.00	1.14	-0.79	-0.33	0.00	-0.34	-1.07	1.60	-0.50	-0.33	-0.09	-0.93	-0.07	-0.293087146
3704	0.34	-0.24	0.10	0.80	-1.37	0.80	-0.80	-0.63	-0.44	-0.08	-0.75	0.03	-0.42	0.00	0.00	1.14	-1.75	-0.33	0.00	0.06	-0.79	0.47	-0.50	-0.33	-0.09	-0.93	-0.07	-12.76341446
3705	0.68	-0.67	0.17	0.80	-1.02	0.80	-0.80	-0.37	0.04	0.46	-1.09	0.03	-0.24	0.00	0.00	1.14	-1.24	-0.33	0.00	0.19	-0.24	-0.11	-0.25	-0.33	-0.09	-0.24	-0.62	-13.24447862
3706	0.97	-0.44	0.17	0.80	-1.02	0.80	-0.80	-0.34	0.04	-0.08	-1.25	0.03	-0.24	0.00	0.00	1.14	-1.24	-0.33	0.00	-0.21	-0.51	-0.15	-0.25	-0.33	-0.09	-0.24	-0.62	-14.01238327
3707	1.16	-0.62	0.35	0.80	-1.02	2.39	-0.80	-0.54	0.98	0.10	-0.85	0.03	0.11	0.00	0.00	1.14	-0.24	-0.33	0.00	0.08	-0.51	1.70	-0.25	-0.33	-0.09	-0.24	-0.62	2.201001606
3708	0.87	-0.84	0.03	0.80	-1.02	1.33	-0.80	-0.57	0.08	0.65	-0.69	0.03	-0.23	0.00	0.00	1.14	-1.20	-0.33	0.00	0.47	-0.24	0.56	-0.25	-0.33	-0.09	-0.24	-0.62	-10.26932383
3709	0.91	-1.27	1.49	0.00	0.71	0.80	-0.80	0.21	1.50	0.46	-0.96	0.03	0.31	0.00	0.00	1.14	0.31	-0.33	0.00	0.99	-0.24	1.25	1.01	-0.33	0.95	0.46	-1.17	10.07088231
3710	1.21	-1.04	1.49	0.00	0.71	0.80	-0.80	0.24	1.50	-0.08	-1.11	0.03	0.31	0.00	0.00	1.14	0.30	-0.33	0.00	0.60	-0.51	1.21	1.01	-0.33	0.95	0.46	-1.17	9.302980079
3711	1.40	-1.22	1.66	0.00	0.71	1.86	-0.80	0.04	1.54	0.10	-0.71	0.03	0.32	0.00	0.00	1.14	0.34	-0.33	0.00	0.55	-1.07	2.52	1.01	-0.33	0.95	0.46	-1.17	14.41880523
3712	1.10	-1.44	1.34	0.00	0.71	0.80	-0.80	0.01	0.63	0.65	-0.55	0.03	-0.02	0.00	0.00	1.14	-0.61	-0.33	0.00	0.95	-0.79	1.39	1.01	-0.33	0.95	0.46	-1.17	1.948480159
3713	1.56	-0.80	0.67	1.59	0.02	1.33	-0.80	-0.27	0.64	1.01	-0.93	0.03	-0.02	0.00	0.00	1.14	-0.61	-0.33	0.00	0.25	-0.24	0.41	0.25	-0.33	-0.09	1.16	-1.15	4.070101453
3714	1.85	-0.57	0.67	1.59	0.02	1.33	-0.80	-0.24	0.64	0.46	-1.09	0.03	-0.02	0.00	0.00	1.14	-0.61	-0.33	0.00	-0.15	-0.51	0.37	0.25	-0.33	-0.09	1.16	-1.15	3.302197171
3715	2.05	-0.74	0.84	1.59	0.02	2.92	-0.80	-0.44	1.58	0.65	-0.68	0.03	0.34	0.00	0.00	1.14	0.38	-0.33	0.00	0.14	-0.51	2.22	0.25	-0.33	-0.09	1.16	-1.15	19.51558132
3716	1.75	-0.97	0.52	1.59	0.02	1.86	-0.80	-0.47	0.68	1.19	-0.52	0.03	0.00	0.00	0.00	1.14	-0.57	-0.33	0.00	0.53	-0.24	1.08	0.25	-0.33	-0.09	1.16	-1.15	7.045254374
3717	1.03	-0.22	0.75	0.00	-1.02	1.33	-0.80	-0.34	0.96	0.28	-0.99	0.03	0.11	0.00	0.00	1.14	-0.26	-0.33	0.00	0.16	-0.24	0.79	0.00	-0.33	-0.09	0.46	-0.63	-0.29418277
3718	1.32	0.01	0.75	0.00	-1.02	1.33	-0.80	-0.31	0.96	-0.26	-1.15	0.03	0.11	0.00	0.00	1.14	-0.26	-0.33	0.00	-0.23	-0.51	0.75	0.00	-0.33	-0.09	0.46	-0.63	-1.062085002
3719	1.51	-0.17	0.92	0.00	-1.02	2.39	-0.80	-0.51	1.00	-0.08	-0.74	0.03	0.12	0.00	0.00	1.14	-0.23	-0.33	0.00	-0.28	-1.07	2.06	0.00	-0.33	-0.09	0.46	-0.63	4.053740147
3720	1.22	-0.39	0.60	0.00	-1.02	1.33	-0.80	-0.54	0.09	0.46	-0.59	0.03	-0.22	0.00	0.00	1.14	-1.18	-0.33	0.00	0.12	-0.79	0.92	0.00	-0.33	-0.09	0.46	-0.63	-8.416584921
3721	1.16	-0.46	0.77	-0.79	-1.02	0.27	-0.80	-0.31	0.85	0.28	0.12	0.03	2.99	0.00	0.00	1.14	-0.37	3.02	0.00	0.27	-0.24	0.23	1.26	3.02	0.95	-0.93	-0.54	29.44769736
3722	1.46	-0.23	0.77	-0.79	-1.02	0.27	-0.80	-0.28	0.85	-0.26	-0.03	0.03	2.99	0.00	0.00	1.14	-0.38	3.02	0.00	-0.12	-0.51	0.20	1.26	3.02	0.95	-0.93	-0.54	28.67979308
3723	1.65	-0.41	0.94	-0.79	-1.02	1.33	-0.80	-0.48	0.89	-0.08	0.37	0.03	3.00	0.00	0.00	1.14	-0.34	3.02	0.00	-0.17	-1.07	1.50	1.26	3.02	0.95	-0.93	-0.54	33.79562065
3724	1.35	-0.63	0.62	-0.79	-1.02	0.27	-0.80	-0.51	-0.01	0.46	0.53	0.03	2.66	0.00	0.00	1.14	-1.29	3.02	0.00	0.23	-0.79	0.37	1.26	3.02	0.95	-0.93	-0.54	21.32529316
3725	1.69	-1.07	0.69	-0.79	-0.68	0.27	-0.80	-0.24	0.47	1.01	0.19	0.03	2.84	0.00	0.00	1.14	-0.78	3.02	0.00	0.35	-0.24	-0.21	1.51	3.02	0.95	-0.24	-1.09	20.84422936
3726	1.99	-0.84	0.69	-0.79	-0.68	0.27	-0.80	-0.21	0.47	0.46	0.03	0.03	2.84	0.00	0.00	1.14	-0.78	3.02	0.00	-0.04	-0.51	-0.25	1.51	3.02	0.95	-0.24	-1.09	20.07632676
3727	2.18	-1.01	0.87	-0.79	-0.68	1.86	-0.80	-0.41	1.41	0.65	0.43	0.03	3.20	0.00	0.00	1.14	0.21	3.02	0.00	0.24	-0.51	1.60	1.51	3.02	0.95	-0.24	-1.09	36.28970923
3728	1.88	-1.24	0.55	-0.79	-0.68	0.80	-0.80	-0.44	0.51	1.19	0.59	0.03	2.86	0.00	0.00	1.14	-0.74	3.02	0.00	0.64	-0.24	0.46	1.51	3.02	0.95	-0.24	-1.09	23.81938379
3729	-0.09	0.58	-0.28	-0.79	-1.37	0.27	-0.80	-0.44	-0.02	-0.44	-1.19	0.03	-0.26	0.00	0.00	1.14	-1.30	-0.33	0.00	0.02	-0.24	0.14	-0.50	-0.33	-0.09	-0.93	0.40	-12.89098109
3730	0.20	0.81	-0.28	-0.79	-1.37	0.27	-0.80	-0.41	-0.02	-0.99	-1.35	0.03	-0.26	0.00	0.00	1.14	-1.30	-0.33	0.00	-0.38	-0.51	0.10	-0.50	-0.33	-0.09	-0.93	0.40	-13.65888537
3731	0.39	0.63	-0.11	-0.79	-1.37	1.33	-0.80	-0.61	0.02	-0.81	-0.94	0.03	-0.25	0.00	0.00	1.14	-1.26	-0.33	0.00	-0.42	-1.07	1.40	-0.50	-0.33	-0.09	-0.93	0.40	-8.543057807
3732	0.10	0.41	-0.42	-0.79	-1.37	0.27	-0.80	-0.64	-0.89	-0.26	-0.79	0.03	-0.59	0.00	0.00	1.14	-2.22	-0.33	0.00	-0.03	-0.79	0.27	-0.50	-0.33	-0.09	-0.93	0.40	-21.01338529
3733	0.44	-0.03	-0.36	-0.79	-1.02	0.27																						

3772	1.78	-1.71	0.52	-0.79	-1.02	1.07	-0.80	-0.57	0.49	0.46	-1.28	0.03	-0.07	0.00	0.00	2.23	-2.08	-0.33	0.00	0.29	-0.24	-0.96	0.00	-0.33	-0.09	0.45	1.06	34.42771215
3773	1.83	-2.14	1.98	-1.59	0.71	1.07	-0.80	0.21	1.92	0.28	-1.54	0.03	0.47	0.00	0.00	2.23	-0.58	-0.33	0.00	0.81	-0.24	-0.27	1.26	-0.33	0.95	1.16	-1.61	-13.04156737
3774	2.12	-1.92	1.98	-1.59	0.71	1.07	-0.80	0.24	1.91	-0.26	-1.70	0.03	0.46	0.00	0.00	2.23	-0.58	-0.33	0.00	0.41	-0.51	-0.31	1.26	-0.33	0.95	1.16	-1.61	-13.80946966
3775	2.31	-2.09	2.15	-1.59	0.71	2.13	-0.80	0.04	1.95	-0.08	-1.30	0.03	0.48	0.00	0.00	2.23	-0.54	-0.33	0.00	0.37	-1.07	0.99	1.26	-0.33	0.95	1.16	-1.61	-8.693642404
3776	2.02	-2.31	1.84	-1.59	0.71	1.07	-0.80	0.01	1.05	0.46	-1.14	0.03	0.14	0.00	0.00	2.23	-1.50	-0.33	0.00	0.76	-0.79	-0.14	1.26	-0.33	0.95	1.16	-1.61	-21.16396952
3777	2.47	-1.67	1.16	0.00	0.02	1.60	-0.80	-0.27	1.06	0.83	-1.52	0.03	0.14	0.00	0.00	2.23	-1.49	-0.33	0.00	0.06	-0.24	-1.12	0.50	-0.33	-0.09	1.85	-1.59	-19.04234823
3778	2.77	-1.44	1.16	0.00	0.02	1.60	-0.80	-0.24	1.06	0.28	-1.67	0.03	0.14	0.00	0.00	2.23	-1.49	-0.33	0.00	-0.33	-0.51	-1.16	0.50	-0.33	-0.09	1.85	-1.59	-19.81025251
3779	2.96	-1.62	1.33	0.00	0.02	3.19	-0.80	-0.44	2.00	0.46	-1.27	0.03	0.49	0.00	0.00	2.23	-0.50	-0.33	0.00	-0.05	-0.51	0.69	0.50	-0.33	-0.09	1.85	-1.59	-3.596868172
3780	2.67	-1.84	1.02	0.00	0.02	2.13	-0.80	-0.47	1.09	1.01	-1.11	0.03	0.15	0.00	0.00	2.23	-1.46	-0.33	0.00	0.35	-0.24	-0.44	0.50	-0.33	-0.09	1.85	-1.59	-16.06719529
3781	1.94	-1.09	1.24	-1.59	-1.02	1.60	-0.80	-0.34	1.38	0.10	-1.58	0.03	0.26	0.00	0.00	2.23	-1.14	-0.33	0.00	-0.02	-0.24	-0.74	0.25	-0.33	-0.09	1.16	-1.07	-23.40663262
3782	2.24	-0.87	1.24	-1.59	-1.02	1.60	-0.80	-0.31	1.38	-0.44	-1.74	0.03	0.26	0.00	0.00	2.23	-1.15	-0.33	0.00	-0.42	-0.51	-0.78	0.25	-0.33	-0.09	1.16	-1.07	-24.17453468
3783	2.43	-1.04	1.41	-1.59	-1.02	2.66	-0.80	-0.51	1.42	-0.26	-1.33	0.03	0.28	0.00	0.00	2.23	-1.11	-0.33	0.00	-0.46	-1.07	0.53	0.25	-0.33	-0.09	1.16	-1.07	-19.05870971
3784	2.14	-1.27	1.09	-1.59	-1.02	1.60	-0.80	-0.54	0.51	0.28	-1.17	0.03	-0.06	0.00	0.00	2.23	-2.07	-0.33	0.00	-0.07	-0.79	-0.61	0.25	-0.33	-0.09	1.16	-1.07	-31.5290346
3785	0.98	-0.26	0.11	-0.79	-1.72	0.01	-0.80	-0.59	0.30	0.28	-0.71	0.03	-0.14	0.00	0.00	1.88	-1.86	-0.33	0.00	0.36	-0.24	-0.19	-0.25	-0.33	-0.09	-0.24	0.05	-16.62053635
3786	1.28	-0.03	0.11	-0.79	-1.72	0.01	-0.80	-0.56	0.30	-0.26	-1.72	0.03	-0.14	0.00	0.00	1.88	-1.86	-0.33	0.00	-0.04	-0.51	-0.23	-0.25	-0.33	-0.09	-0.24	0.05	-17.38843858
3787	1.47	-0.20	0.29	-0.79	-1.72	1.07	-0.80	-0.75	0.34	-0.08	-0.46	0.03	-0.13	0.00	0.00	1.88	-1.82	-0.33	0.00	-0.08	-1.07	1.07	-0.25	-0.33	-0.09	-0.24	0.05	-12.27261344
3788	1.17	-0.43	-0.03	-0.79	-1.72	0.01	-0.80	-0.79	-0.56	0.46	-0.31	0.03	-0.47	0.00	0.00	1.88	-2.78	-0.33	0.00	0.31	-0.79	-0.06	-0.25	-0.33	-0.09	-0.24	0.05	-24.7429385
3789	1.51	-0.86	0.04	-0.79	-1.37	0.01	-0.80	-0.52	-0.08	1.01	-0.65	0.03	-0.28	0.00	0.00	1.88	-2.27	-0.33	0.00	0.44	-0.24	-0.64	0.00	-0.33	-0.09	0.46	-0.50	-25.22400267
3790	1.81	-0.64	0.03	-0.79	-1.37	0.01	-0.80	-0.49	-0.08	0.46	-0.81	0.03	-0.28	0.00	0.00	1.88	-2.27	-0.33	0.00	0.05	-0.51	-0.68	0.00	-0.33	-0.09	0.46	-0.50	-25.99190695
3791	2.00	-0.81	0.21	-0.79	-1.37	1.60	-0.80	-0.69	0.86	0.65	-0.40	0.03	0.07	0.00	0.00	1.88	-1.27	-0.33	0.00	0.33	-0.51	1.17	0.00	-0.33	-0.09	0.46	-0.50	-9.778522617
3792	1.70	-1.04	-0.11	-0.79	-1.37	0.54	-0.80	-0.72	-0.04	1.19	-0.24	0.03	-0.27	0.00	0.00	1.88	-2.23	-0.33	0.00	0.72	-0.24	0.03	0.00	-0.33	-0.09	0.46	-0.50	-22.24884973
3793	1.22	-0.94	0.74	-0.79	-1.37	1.07	-0.80	-0.44	0.83	0.65	-0.84	0.03	0.06	0.00	0.00	1.88	-1.31	-0.33	0.00	0.49	-0.24	0.00	-0.25	-0.33	-0.09	-0.24	-0.51	-17.18665999
3794	1.51	-0.71	0.74	-0.79	-1.37	1.07	-0.80	-0.40	0.83	0.10	-1.00	0.03	0.06	0.00	0.00	1.88	-1.31	-0.33	0.00	0.10	-0.51	-0.04	-0.25	-0.33	-0.09	-0.24	-0.51	-17.95456222
3795	1.71	-0.88	0.91	-0.79	-1.37	2.13	-0.80	-0.60	0.87	0.28	-0.59	0.03	0.07	0.00	0.00	1.88	-1.27	-0.33	0.00	0.05	-1.07	1.27	-0.25	-0.33	-0.09	-0.24	-0.51	-12.8387367
3796	1.41	-1.11	0.59	-0.79	-1.37	1.07	-0.80	-0.63	-0.04	0.83	-0.43	0.03	-0.27	0.00	0.00	1.88	-2.23	-0.33	0.00	0.44	-0.79	0.14	-0.25	-0.33	-0.09	-0.24	-0.51	-25.30906197
3797	1.75	-1.54	0.66	-0.79	-1.02	1.07	-0.80	-0.37	0.45	1.37	-0.78	0.03	-0.09	0.00	0.00	1.88	-1.71	-0.33	0.00	0.57	-0.24	-0.44	0.00	-0.33	-0.09	0.46	-1.06	-25.79012613
3798	2.05	-1.32	0.66	-0.79	-1.02	1.07	-0.80	-0.34	0.44	0.83	-0.93	0.03	-0.09	0.00	0.00	1.88	-1.72	-0.33	0.00	0.18	-0.51	-0.48	0.00	-0.33	-0.09	0.46	-1.06	-26.55803061
3799	2.24	-1.49	0.83	-0.79	-1.02	2.66	-0.80	-0.54	1.39	1.01	-0.53	0.03	0.27	0.00	0.00	1.88	-0.72	-0.33	0.00	0.46	-0.51	1.37	0.00	-0.33	-0.09	0.46	-1.06	-10.3446459
3800	1.94	-1.71	0.51	-0.79	-1.02	1.60	-0.80	-0.57	0.48	1.56	-0.37	0.03	-0.07	0.00	0.00	1.88	-1.68	-0.33	0.00	0.86	-0.24	0.23	0.00	-0.33	-0.09	0.46	-1.06	-22.81497339
3801	1.99	-2.14	1.98	-1.59	0.71	1.07	-0.80	0.21	1.91	1.37	-0.64	0.03	0.46	0.00	0.00	1.88	-0.17	-0.33	0.00	1.38	-0.24	0.92	1.26	-0.33	0.95	1.16	-1.61	-2.474765198
3802	2.28	-1.92	1.98	-1.59	0.71	1.07	-0.80	0.24	1.90	0.83	-0.80	0.03	0.46	0.00	0.00	1.88	-0.17	-0.33	0.00	0.99	-0.51	0.88	1.26	-0.33	0.95	1.16	-1.61	-3.242667431
3803	2.47	-2.09	2.15	-1.59	0.71	2.13	-0.80	0.04	1.94	1.01	-0.39	0.03	0.47	0.00	0.00	1.88	-0.13	-0.33	0.00	0.94	-1.07	2.19	1.26	-0.33	0.95	1.16	-1.61	-18.73157718
3804	2.18	-2.31	1.83	-1.59	0.71	1.07	-0.80	0.01	1.04	1.56	-0.23	0.03	0.13	0.00	0.00	1.88	-1.09	-0.33	0.00	1.33	-0.79	1.05	1.26	-0.33	0.95	1.16	-1.61	-10.59716735
3805	2.63	-1.67	1.16	0.00	0.02	1.60	-0.80	-0.27	1.05	1.92	-0.61	0.03	0.14	0.00	0.00	1.88	-1.08	-0.33	0.00	0.63	-0.24	0.08	0.50	-0.33	-0.09	1.85	-1.59	-8.475548296
3806	2.93	-1.44	1.16	0.00	0.02	1.60	-0.80	-0.24	1.05	1.37	-0.77	0.03	0.14	0.00	0.00	1.88	-1.09	-0.33	0.00	0.24	-0.51	0.04	0.50	-0.33	-0.09	1.85	-1.59	-9.243450338
3807	3.12	-1.62	1.33	0.00	0.02	3.19	-0.80	-0.44	1.99	1.56	-0.36	0.03	0.49	0.00	0.00	1.88	-0.09	-0.33	0.00	0.52	-0.51	1.89	0.50	-0.33	-0.09	1.85	-1.59	6.969931759
3808	2.82	-1.84	1.01	0.00	0.02	2.13	-0.80	-0.47	1.08	2.10	-0.21	0.03	0.15	0.00	0.00	1.88	-1.05	-0.33	0.00	0.92	-0.24	0.75	0.50	-0.33	-0.09	1.85	-1.59	-5.500393135
3809	2.10	-1.09	1.24	-1.59	-1.02	1.60	-0.80	-0.34	1.37	1.19	-0.67	0.03	0.26	0.00	0.00	1.88	-0.74	-0.33	0.00	0.55	-0.24	0.45	0.25	-0.33	-0.09	1.16	-1.07	-12.83983028
3810	2.40	-0.87	1.24	-1.59	-1.02	1.60	-0.80	-0.31	1.37	0.65	-0.83	0.03	0.26	0.00	0.00	1.88	-0.74	-0.33	0.00	0.16	-0.51	-0.42	0.25	-0.33	-0.09	1.16	-1.07	-13.60773456
3811	2.59	-1.04	1.41	-1.59	-1.02	2.66	-0.80	-0.51	1.41	0.83	-0.43	0.03	0.27	0.00	0.00	1.88	-0.70	-0.33	0.00	0.11	-1.07	1.72	0.25	-0.33	-0.09	1.16	-1.07	-8.491907362
3812	2.29	-1.27	1.09	-1.59	-1.02	1.60	-0.80	-0.54	0.50	1.37	-0.27	0.03	-0.07	0.00	0.00	1.88	-1.66	-0.33	0.00	0.50	-0.79	0.59	0.25	-0.33	-0.09	1.16	-1.07	-20.96223243
3813	1.10	0.12	0.47	0.00	-0.33	-0.52	1.56	-0.15	0.34	-0.44	1.82	-0.83	2.80	0.00	0.00	-0.70	1.31	3.02	0.00	-0.09	1.71	-0.72	1.01	3.02	0.43	-0.24	0.02	39.23478549
3814	1.40	0.34	0.47	0.00	-0.33	-0.52	1.56	-0.12	0.34	-0.99	1.67	-0.83	2.79	0.00	0.00	-0.70	1.30	3.02	0.00	-0.48	1.43	-0.76	1.01	3.02	0.43	-0.24	0.02	38.46688121
3815	1.59	0.17	0.64	0.00	-0.33	0.54	1.56	-0.32	0.38	-0.81	2.07	-0.83	2.81	0.00	0.00	-0.70	1.34	3.02	0.00	-0.53	0.87	0.55	1.01	3.02	0.43	-0.24	0.02	43.58270841
3816	1.29	-0.06	0.32	0.00	-0.33	-0.52	1.56	-0.35	-0.53	-0.26	2.23	-0.83	2.47	0.00	0.00	-0.70	0.39	3.02	0.00	-0.13	1.15	-0.59	1.01	3.02	0.43	-0.24	0.02	31.11238129
3817	1.63	-0.49	0.39	0.00	0.02	-0.52	1																					

3856	1.16	0.11	0.50	0.80	0.02	0.27	1.56	-0.23	-0.25	-0.26	0.95	-0.83	-0.35	0.00	0.00	-0.70	0.67	-0.33	0.00	-0.26	1.15	0.11	-0.25	-0.33	-0.61	1.15	0.24	1.792305466
3857	-0.15	1.34	-1.06	0.00	-1.02	-1.32	1.56	-0.43	-0.93	-1.35	0.27	-0.83	-0.60	0.00	0.00	-0.67	-0.07	-0.33	0.00	-0.37	1.71	-1.11	-0.75	-0.33	-0.61	1.41	0.24	6.508365739
3858	0.15	1.56	-1.06	0.00	-1.02	-1.32	1.56	-0.40	-0.93	-1.90	0.11	-0.83	-0.60	0.00	0.00	-0.67	-0.07	-0.33	0.00	-0.76	1.43	-1.15	-0.75	-0.33	-0.61	-0.24	1.41	-7.27607002
3859	0.34	1.39	-0.89	0.00	-1.02	-0.26	1.56	-0.59	-0.89	-1.72	0.51	-0.83	-0.59	0.00	0.00	-0.67	-0.03	-0.33	0.00	-0.81	0.87	0.15	-0.75	-0.33	-0.61	-0.24	1.41	-2.160242823
3860	0.04	1.17	-1.21	0.00	-1.02	-1.32	1.56	-0.63	-1.79	-1.17	0.67	-0.83	-0.93	0.00	0.00	-0.67	-0.99	-0.33	0.00	-0.41	1.15	-0.98	-0.75	-0.33	-0.61	-0.24	1.41	-14.63056994
3861	0.38	0.73	-1.14	0.00	-0.68	-1.32	1.56	-0.36	-1.31	-0.63	0.33	-0.83	-0.74	0.00	0.00	-0.67	-0.48	-0.33	0.00	-0.29	1.71	-1.56	-0.50	-0.33	-0.61	0.46	0.86	-15.1116343
3862	0.68	0.96	-1.14	0.00	-0.68	-1.32	1.56	-0.33	-1.31	-1.17	0.17	-0.83	-0.75	0.00	0.00	-0.67	-0.48	-0.33	0.00	-0.68	1.43	-1.60	-0.50	-0.33	-0.61	0.46	0.86	-15.87953653
3863	0.87	0.78	-0.97	0.00	-0.68	0.27	1.56	-0.53	-0.37	-0.99	0.58	-0.83	-0.39	0.00	0.00	-0.67	0.52	-0.33	0.00	-0.40	1.43	0.25	-0.50	-0.33	-0.61	0.46	0.86	0.333845757
3864	0.57	0.56	-1.29	0.00	-0.68	-0.79	1.56	-0.56	-1.27	-0.44	0.73	-0.83	-0.73	0.00	0.00	-0.67	-0.44	-0.33	0.00	0.00	1.71	-0.89	-0.50	-0.33	-0.61	0.46	0.86	-12.13647931
3865	-0.15	1.30	-0.96	1.59	-1.02	-0.52	1.56	-0.43	-0.84	-1.54	0.27	-0.83	-0.57	0.00	0.00	-0.67	0.02	-0.33	0.00	-0.44	1.71	-0.97	-0.75	-0.33	-0.61	-0.24	1.32	5.886063629
3866	0.15	1.53	-0.96	1.59	-1.02	-0.52	1.56	-0.40	-0.85	-2.08	0.11	-0.83	-0.57	0.00	0.00	-0.67	0.01	-0.33	0.00	-0.83	1.43	-1.01	-0.75	-0.33	-0.61	-0.24	1.32	5.118161397
3867	0.34	1.35	-0.79	1.59	-1.02	0.54	1.56	-0.59	-0.81	-1.90	0.51	-0.83	-0.56	0.00	0.00	-0.67	0.05	-0.33	0.00	-0.88	0.87	0.30	-0.75	-0.33	-0.61	-0.24	1.32	10.23398654
3868	0.04	1.13	-1.11	1.59	-1.02	-0.52	1.56	-0.63	-1.71	-1.35	0.67	-0.83	-0.90	0.00	0.00	-0.67	-0.90	-0.33	0.00	-0.48	1.15	-0.83	-0.75	-0.33	-0.61	-0.24	1.32	-2.236338522
3869	0.38	0.69	-1.04	1.59	-0.68	-0.52	1.56	-0.36	-1.23	-0.81	0.33	-0.83	-0.71	0.00	0.00	-0.67	-0.39	-0.33	0.00	-0.35	1.71	-1.41	-0.50	-0.33	-0.61	0.46	0.77	-2.717402693
3870	0.68	0.92	-1.04	1.59	-0.68	-0.52	1.56	-0.33	-1.23	-1.35	0.17	-0.83	-0.72	0.00	0.00	-0.67	-0.39	-0.33	0.00	-0.75	1.43	-1.45	-0.50	-0.33	-0.61	0.46	0.77	-3.485306973
3871	0.87	0.75	-0.87	1.59	-0.68	1.07	1.56	-0.53	-0.29	-1.17	0.58	-0.83	-0.36	0.00	0.00	-0.67	0.60	-0.33	0.00	-0.46	1.43	0.39	-0.50	-0.33	-0.61	0.46	0.77	12.72807717
3872	0.57	0.52	-1.19	1.59	-0.68	0.01	1.56	-0.56	-1.19	-0.63	0.73	-0.83	-0.70	0.00	0.00	-0.67	-0.35	-0.33	0.00	-0.07	1.71	-0.74	-0.50	-0.33	-0.61	0.46	0.77	0.25775023
3873	0.09	0.62	-0.34	1.59	-0.68	0.01	1.56	-0.27	-0.32	-1.17	0.14	-0.83	-0.37	0.00	0.00	-0.67	0.57	-0.33	0.00	-0.30	1.71	-0.77	-0.75	-0.33	-0.61	-0.24	0.76	4.271247121
3874	0.38	0.85	-0.34	1.59	-0.68	0.01	1.56	-0.24	-0.32	-1.72	-0.02	-0.83	-0.37	0.00	0.00	-0.67	0.57	-0.33	0.00	-0.70	1.43	-0.81	-0.75	-0.33	-0.61	-0.24	0.76	3.50344889
3875	0.57	0.68	-0.16	1.59	-0.68	1.07	1.56	-0.44	-0.28	-1.54	0.39	-0.83	-0.36	0.00	0.00	-0.67	0.61	-0.33	0.00	-0.74	0.87	0.50	-0.75	-0.33	-0.61	-0.24	0.76	8.619170404
3876	0.28	0.45	-0.48	1.59	-0.68	0.01	1.56	-0.47	-1.19	-0.99	0.54	-0.83	-0.70	0.00	0.00	-0.67	-0.35	-0.33	0.00	-0.35	1.15	-0.64	-0.75	-0.33	-0.61	-0.24	0.76	-3.851155031
3877	0.62	0.01	-0.42	1.59	-0.33	0.01	1.56	-0.21	-0.70	-0.44	0.20	-0.83	-0.52	0.00	0.00	-0.67	-0.83	-0.33	0.00	-0.22	1.71	-1.21	-0.50	-0.33	-0.61	0.46	0.21	-4.332119023
3878	0.91	0.24	-0.42	1.59	-0.33	0.01	1.56	-0.18	-0.70	-0.99	0.04	-0.83	-0.52	0.00	0.00	-0.67	0.16	-0.33	0.00	-0.62	1.43	-1.25	-0.50	-0.33	-0.61	0.46	0.21	-5.100123671
3879	1.11	0.07	-0.24	1.59	-0.33	1.60	1.56	-0.37	0.24	-0.81	0.45	-0.83	-0.16	0.00	0.00	-0.67	1.16	-0.33	0.00	-0.33	1.43	0.59	-0.50	-0.33	-0.61	0.46	0.21	11.11326103
3880	0.81	-0.16	-0.56	1.59	-0.33	0.54	1.56	-0.41	-0.67	-0.26	0.61	-0.83	-0.50	0.00	0.00	-0.67	0.20	-0.33	0.00	0.06	1.71	-0.54	-0.50	-0.33	-0.61	0.46	0.21	-1.357066278
3881	0.85	-0.58	0.90	0.80	1.40	0.01	1.56	0.37	0.76	-0.44	0.34	-0.83	0.03	0.00	0.00	-0.67	1.71	-0.33	0.00	0.59	1.71	0.15	0.75	-0.33	0.43	1.16	-0.34	18.98314191
3882	1.15	-0.36	0.90	0.80	1.40	0.01	1.56	0.40	0.75	-0.99	0.18	-0.83	0.03	0.00	0.00	-0.67	1.71	-0.33	0.00	0.19	1.43	0.11	0.75	-0.33	0.43	1.16	-0.34	18.21523726
3883	1.34	-0.53	1.07	0.80	1.40	1.07	1.56	0.20	0.79	-0.81	0.59	-0.83	0.04	0.00	0.00	-0.67	1.75	-0.33	0.00	0.15	0.87	1.42	0.75	-0.33	0.43	1.16	-0.34	23.33106483
3884	1.04	-0.76	0.76	0.80	1.40	0.01	1.56	0.17	-0.11	-0.26	0.74	-0.83	-0.30	0.00	0.00	-0.67	0.79	-0.33	0.00	0.54	1.15	0.28	0.75	-0.33	0.43	1.16	-0.34	10.86073976
3885	1.50	-0.11	0.08	2.39	0.71	0.54	1.56	-0.11	-0.10	0.10	0.37	-0.83	-0.29	0.00	0.00	-0.67	0.79	-0.33	0.00	-0.16	1.71	-0.70	0.00	-0.33	-0.61	1.85	-0.33	12.982359
3886	1.80	0.11	0.08	2.39	0.71	0.54	1.56	-0.08	-0.10	-0.44	0.21	-0.83	-0.29	0.00	0.00	-0.67	0.79	-0.33	0.00	-0.56	1.43	-0.73	0.00	-0.33	-0.61	1.85	-0.33	12.21445677
3887	1.99	-0.06	0.25	2.39	0.71	2.13	1.56	-0.28	0.84	-0.26	0.61	-0.83	0.06	0.00	0.00	-0.67	1.79	-0.33	0.00	-0.27	1.43	1.11	0.00	-0.33	-0.61	1.85	-0.33	28.42783906
3888	1.69	-0.28	-0.06	2.39	0.71	1.07	1.56	-0.31	-0.06	0.28	0.77	-0.83	-0.28	0.00	0.00	-0.67	0.83	-0.33	0.00	0.12	1.71	-0.02	0.00	-0.33	-0.61	1.85	-0.33	15.95751399
3889	0.97	0.46	0.16	0.80	-0.33	0.54	1.56	-0.18	0.22	-0.63	0.30	-0.83	-0.17	0.00	0.00	-0.67	1.14	-0.33	0.00	-0.24	1.71	-0.32	-0.25	-0.33	-0.61	1.16	0.20	8.618076831
3890	1.27	0.69	0.16	0.80	-0.33	0.54	1.56	-0.15	0.22	-1.17	0.15	-0.83	-0.17	0.00	0.00	-0.67	1.14	-0.33	0.00	-0.64	1.43	-0.36	-0.25	-0.33	-0.61	1.16	0.20	7.85017255
3891	1.46	0.52	0.33	0.80	-0.33	1.60	1.56	-0.35	0.26	-0.99	0.55	-0.83	-0.16	0.00	0.00	-0.67	1.18	-0.33	0.00	-0.68	0.87	0.95	-0.25	-0.33	-0.61	1.16	0.20	12.96599975
3892	1.16	0.29	0.01	0.80	-0.33	0.54	1.56	-0.38	-0.65	-0.44	0.71	-0.83	-0.50	0.00	0.00	-0.67	0.22	-0.33	0.00	-0.29	1.15	-0.18	-0.25	-0.33	-0.61	1.16	0.20	0.495674678
3893	1.10	0.23	0.18	0.00	-0.33	-0.52	1.56	-0.15	0.11	-0.63	1.42	-0.83	2.71	0.00	0.00	-0.67	1.03	3.02	0.00	-0.14	1.71	-0.87	1.01	3.02	0.43	-0.24	0.29	38.35995491
3894	1.40	0.45	0.18	0.00	-0.33	-0.52	1.56	-0.12	0.11	-1.17	1.26	-0.83	2.71	0.00	0.00	-0.67	1.03	3.02	0.00	-0.53	1.43	-0.91	1.01	3.02	0.43	-0.24	0.29	37.59205268
3895	1.59	0.28	0.36	0.00	-0.33	0.54	1.56	-0.32	0.15	-0.99	1.67	-0.83	2.72	0.00	0.00	-0.67	1.07	3.02	0.00	-0.58	0.87	0.40	1.01	3.02	0.43	-0.24	0.29	42.70787988
3896	1.29	0.05	0.04	0.00	-0.33	-0.52	1.56	-0.35	-0.76	-0.44	1.82	-0.83	2.38	0.00	0.00	-0.67	0.11	3.02	0.00	-0.18	1.15	-0.74	1.01	3.02	0.43	-0.24	0.29	30.23755295
3897	1.63	-0.38	0.10	0.00	0.02	-0.52	1.56	-0.08	-0.27	0.10	1.48	-0.83	2.56	0.00	0.00	-0.67	0.62	3.02	0.00	-0.06	1.71	-1.32	1.26	3.02	0.43	0.46	-0.26	29.75648896
3898	1.93	-0.15	0.10	0.00	0.02	-0.52	1.56	-0.05	-0.27	-0.44	1.32	-0.83	2.56	0.00	0.00	-0.67	0.62	3.02	0.00	-0.45	1.43	-1.35	1.26	3.02	0.43	0.46	-0.26	28.98858431
3899	2.12	-0.33	0.28	0.00	0.02	1.07	1.56	-0.25	0.67	-0.26	1.73	-0.83	2.92	0.00	0.00	-0.67	1.62	3.02	0.00	-0.17	1.43	0.49	1.26	3.02	0.43	0.46	-0.26	45.20196902
3900	1.82	-0.55	-0.04	0.00	0.02	0.01	1.56	-0.28	-0.23	0.28	1.89	-0.83	2.58	0.00	0.00	-0.67	0.66	3.02	0.00	0.23	1.71	-0.64	1.26	3.02	0.43	0.46	-0.26	32.73164153
3901	-0.15	1.27	-0.87	0.00	-0.68	-0.52	1.56																					

3940	1.20	-0.42	0.01	0.00	-0.68	-0.79	1.56	-0.47	-0.77	-1.17	-0.04	-0.83	-0.54	0.00	0.00	0.42	-1.23	-0.33	0.00	-0.54	1.15	-2.16	-0.50	-0.33	-0.61	0.46	29.05968941	
3941	1.53	-0.86	0.08	0.00	-0.33	-0.79	1.56	-0.21	-0.29	-0.63	-0.39	-0.83	-0.36	0.00	0.00	0.42	-0.72	-0.33	0.00	-0.41	1.71	-2.74	-0.25	-0.33	-0.61	1.16	29.54075341	
3942	1.83	-0.63	0.07	0.00	-0.33	-0.79	1.56	-0.18	-0.29	-1.17	-0.54	-0.83	-0.36	0.00	0.00	0.42	-0.72	-0.33	0.00	-0.80	1.43	-2.78	-0.25	-0.33	-0.61	1.16	30.30865805	
3943	2.02	-0.80	0.25	0.00	-0.33	0.80	1.56	-0.37	0.66	-0.99	-0.14	-0.83	-0.01	0.00	0.00	0.42	0.28	-0.33	0.00	-0.52	1.43	-0.93	-0.25	-0.33	-0.61	1.16	14.09527335	
3944	1.73	-1.03	-0.07	0.00	-0.33	-0.26	1.56	-0.41	-0.25	-0.44	0.02	-0.83	-0.35	0.00	0.00	0.42	-0.68	-0.33	0.00	-0.12	1.71	-2.06	-0.25	-0.33	-0.61	1.16	26.56559861	
3945	1.77	-1.46	1.39	-0.79	1.40	-0.26	1.56	0.37	1.17	-0.63	-0.25	-0.83	0.19	0.00	0.00	0.42	0.83	-0.33	0.00	0.40	1.71	-1.38	1.01	-0.33	0.43	1.85	5.179453829	
3946	2.07	-1.23	1.39	-0.79	1.40	-0.26	1.56	0.40	1.17	-1.17	-0.41	-0.83	0.19	0.00	0.00	0.42	0.82	-0.33	0.00	0.01	1.43	-1.42	1.01	-0.33	0.43	1.85	5.947356428	
3947	2.26	-1.40	1.57	-0.79	1.40	0.80	1.56	0.20	1.21	-0.99	0.00	-0.83	0.20	0.00	0.00	0.42	0.86	-0.33	0.00	-0.04	0.87	-0.11	1.01	-0.33	0.43	1.85	0.831530913	
3948	1.96	-1.63	1.25	-0.79	1.40	-0.26	1.56	0.17	0.30	-0.44	0.16	-0.83	-0.14	0.00	0.00	0.42	-0.09	-0.33	0.00	0.35	1.15	-1.24	1.01	-0.33	0.43	1.85	13.30185598	
3949	2.42	-0.98	0.57	0.80	0.71	0.27	1.56	-0.11	0.32	-0.08	-0.22	-0.83	-0.14	0.00	0.00	0.42	-0.09	-0.33	0.00	-0.35	1.71	-2.22	0.25	-0.33	-0.61	2.55	11.18023674	
3950	2.71	-0.76	0.57	0.80	0.71	0.27	1.56	-0.08	0.31	-0.63	-0.38	-0.83	-0.14	0.00	0.00	0.42	-0.09	-0.33	0.00	-0.74	1.43	-2.26	0.25	-0.33	-0.61	2.55	11.94813897	
3951	2.90	-0.93	0.75	0.80	0.71	1.86	1.56	-0.28	1.26	-0.44	0.03	-0.83	0.22	0.00	0.00	0.42	0.90	-0.33	0.00	-0.46	1.43	-0.41	0.25	-0.33	-0.61	2.55	4.265243129	
3952	2.61	-1.16	0.43	0.80	0.71	0.80	1.56	-0.31	0.35	0.10	0.18	-0.83	-0.12	0.00	0.00	0.42	-0.05	-0.33	0.00	-0.06	1.71	-1.55	0.25	-0.33	-0.61	2.55	8.205081938	
3953	1.89	-0.41	0.65	-0.79	-0.33	0.27	1.56	-0.18	0.64	-0.81	-0.28	-0.83	-0.01	0.00	0.00	0.42	0.26	-0.33	0.00	-0.43	1.71	-1.84	0.00	-0.33	-0.61	1.85	15.54451908	
3954	2.18	-0.18	0.65	-0.79	-0.33	0.27	1.56	-0.15	0.63	-1.35	-0.44	-0.83	-0.02	0.00	0.00	0.42	0.26	-0.33	0.00	-0.82	1.43	-1.88	0.00	-0.33	-0.61	1.85	16.31242319	
3955	2.37	-0.35	0.82	-0.79	-0.33	1.33	1.56	-0.35	0.67	-1.17	-0.04	-0.83	0.00	0.00	0.00	0.42	0.29	-0.33	0.00	-0.87	0.87	-0.57	0.00	-0.33	-0.61	1.85	11.19659599	
3956	2.08	-0.58	0.50	-0.79	-0.33	0.27	1.56	-0.38	-0.23	-0.63	0.12	-0.83	-0.34	0.00	0.00	0.42	-0.66	-0.33	0.00	-0.48	1.15	-1.71	0.00	-0.33	-0.61	1.85	23.66692106	
3957	0.92	0.43	-0.47	0.00	-1.02	-1.32	1.56	-0.43	-0.44	-0.63	0.58	-0.83	-0.42	0.00	0.00	0.08	-0.46	-0.33	0.00	-0.05	1.71	-1.30	-0.50	-0.33	-0.61	0.46	0.88	8.758422811
3958	1.22	0.66	-0.47	0.00	-1.02	-1.32	1.56	-0.40	-0.44	-1.17	0.43	-0.83	-0.42	0.00	0.00	0.08	-0.46	-0.33	0.00	-0.45	1.43	-1.34	-0.50	-0.33	-0.61	0.46	0.88	9.526325042
3959	1.41	0.48	-0.30	0.00	-1.02	-0.26	1.56	-0.59	-0.40	-0.99	0.83	-0.83	-0.40	0.00	0.00	0.08	-0.42	-0.33	0.00	-0.49	0.87	-0.03	-0.50	-0.33	-0.61	0.46	0.88	4.410499895
3960	1.12	0.26	-0.62	0.00	-1.02	-1.32	1.56	-0.63	-1.31	-0.44	0.99	-0.83	-0.74	0.00	0.00	0.08	-1.38	-0.33	0.00	-0.10	1.15	-1.16	-0.50	-0.33	-0.61	0.46	0.88	16.88082496
3961	1.46	-0.18	-0.55	0.00	-0.68	-1.32	1.56	-0.36	-0.82	0.10	0.65	-0.83	-0.56	0.00	0.00	0.08	-0.86	-0.33	0.00	0.03	1.71	-1.74	-0.25	-0.33	-0.61	1.16	0.33	17.36189137
3962	1.75	0.05	-0.55	0.00	-0.68	-1.32	1.56	-0.33	-0.82	-0.44	0.49	-0.83	-0.56	0.00	0.00	0.08	-0.87	-0.33	0.00	-0.36	1.43	-1.78	-0.25	-0.33	-0.61	1.16	0.33	18.1297936
3963	1.94	-0.12	-0.38	0.00	-0.68	0.27	1.56	-0.53	0.12	-0.26	0.89	-0.83	-0.21	0.00	0.00	0.08	0.13	-0.33	0.00	-0.08	1.43	0.06	-0.25	-0.33	-0.61	1.16	0.33	19.16409266
3964	1.65	-0.35	-0.70	0.00	-0.68	-0.79	1.56	-0.56	-0.79	0.28	1.05	-0.83	-0.55	0.00	0.00	0.08	-0.83	-0.33	0.00	0.32	1.71	-1.07	-0.25	-0.33	-0.61	1.16	0.33	14.38673638
3965	1.16	-0.25	0.15	0.00	-0.68	-0.26	1.56	-0.27	0.09	-0.26	0.46	-0.83	-0.22	0.00	0.00	0.08	0.10	-0.33	0.00	0.08	1.71	-1.10	-0.50	-0.33	-0.61	0.46	0.32	9.324546638
3966	1.46	-0.02	0.15	0.00	-0.68	-0.26	1.56	-0.24	0.09	-0.81	0.30	-0.83	-0.22	0.00	0.00	0.08	0.09	-0.33	0.00	-0.31	1.43	-1.14	-0.50	-0.33	-0.61	0.46	0.32	10.0924487
3967	1.65	-0.20	0.32	0.00	-0.68	0.80	1.56	-0.44	0.12	-0.63	0.70	-0.83	-0.21	0.00	0.00	0.08	0.13	-0.33	0.00	-0.36	0.87	0.17	-0.50	-0.33	-0.61	0.46	0.32	4.976623354
3968	1.35	-0.42	0.00	0.00	-0.68	-0.26	1.56	-0.47	-0.78	-0.08	0.86	-0.83	-0.55	0.00	0.00	0.08	-0.82	-0.33	0.00	0.04	1.15	-0.97	-0.50	-0.33	-0.61	0.46	0.32	17.44694862
3969	1.69	-0.86	0.07	0.00	-0.33	-0.26	1.56	-0.21	-0.30	0.46	0.52	-0.83	-0.36	0.00	0.00	0.08	-0.31	-0.33	0.00	0.16	1.71	-1.55	-0.25	-0.33	-0.61	1.16	-0.23	17.92801259
3970	1.99	-0.63	0.07	0.00	-0.33	-0.26	1.56	-0.18	-0.30	-0.08	0.36	-0.83	-0.37	0.00	0.00	0.08	-0.31	-0.33	0.00	-0.23	1.43	-1.58	-0.25	-0.33	-0.61	1.16	-0.23	18.69591707
3971	2.18	-0.80	0.24	0.00	-0.33	1.33	1.56	-0.37	0.65	0.10	0.77	-0.83	-0.01	0.00	0.00	0.08	0.68	-0.33	0.00	0.05	1.43	0.26	-0.25	-0.33	-0.61	1.16	-0.23	2.482532363
3972	1.88	-1.03	-0.07	0.00	-0.33	0.27	1.56	-0.41	-0.26	0.65	0.92	-0.83	-0.35	0.00	0.00	0.08	-0.27	-0.33	0.00	0.45	1.71	-0.87	-0.25	-0.33	-0.61	1.16	-0.23	14.95285985
3973	1.93	-1.46	1.39	-0.79	1.40	-0.26	1.56	0.37	1.16	0.46	0.66	-0.83	0.18	0.00	0.00	0.08	1.23	-0.33	0.00	0.97	1.71	-0.18	1.01	-0.33	0.43	1.85	-0.78	5.387348152
3974	2.22	-1.23	1.39	-0.79	1.40	-0.26	1.56	0.40	1.16	-0.08	0.50	-0.83	0.18	0.00	0.00	0.08	1.23	-0.33	0.00	0.58	1.43	-0.22	1.01	-0.33	0.43	1.85	-0.78	4.619443503
3975	2.41	-1.40	1.56	-0.79	1.40	0.80	1.56	0.20	1.20	0.10	0.90	-0.83	0.20	0.00	0.00	0.08	1.27	-0.33	0.00	0.53	0.87	1.08	1.01	-0.33	0.43	1.85	-0.78	9.735271068
3976	2.12	-1.63	1.24	-0.79	1.40	-0.26	1.56	0.17	0.29	0.65	1.06	-0.83	-0.14	0.00	0.00	0.08	0.31	-0.33	0.00	0.93	1.15	-0.05	1.01	-0.33	0.43	1.85	-0.78	2.735056048
3977	2.58	-0.98	0.57	0.80	0.71	0.27	1.56	-0.11	0.31	1.01	0.68	-0.83	-0.14	0.00	0.00	0.08	0.32	-0.33	0.00	0.22	1.71	-1.03	0.25	-0.33	-0.61	2.55	-0.76	0.613434756
3978	2.87	-0.76	0.57	0.80	0.71	0.27	1.56	-0.08	0.30	0.46	0.53	-0.83	-0.14	0.00	0.00	0.08	0.32	-0.33	0.00	-0.17	1.43	-1.07	0.25	-0.33	-0.61	2.55	-0.76	1.381339036
3979	3.06	-0.93	0.74	0.80	0.71	1.86	1.56	-0.28	1.25	0.65	0.93	-0.83	0.21	0.00	0.00	0.08	1.31	-0.33	0.00	0.11	1.43	0.78	0.25	-0.33	-0.61	2.55	-0.76	14.8320453
3980	2.77	-1.16	0.42	0.80	0.71	0.80	1.56	-0.31	0.34	1.19	1.09	-0.83	-0.13	0.00	0.00	0.08	0.36	-0.33	0.00	0.51	1.71	-0.35	0.25	-0.33	-0.61	2.55	-0.76	2.361720405
3981	2.04	-0.41	0.65	-0.79	-0.33	0.27	1.56	-0.18	0.63	0.28	0.62	-0.83	-0.02	0.00	0.00	0.08	0.67	-0.33	0.00	0.14	1.71	-0.65	0.00	-0.33	-0.61	1.85	-0.24	4.977716928
3982	2.34	-0.18	0.65	-0.79	-0.33	0.27	1.56	-0.15	0.62	-0.26	0.46	-0.83	-0.02	0.00	0.00	0.08	0.66	-0.33	0.00	-0.25	1.43	-0.69	0.00	-0.33	-0.61	1.85	-0.24	5.745621209
3983	2.53	-0.35	0.82	-0.79	-0.33	1.33	1.56	-0.35	0.66	-0.08	0.87	-0.83	-0.01	0.00	0.00	0.08	0.70	-0.33	0.00	-0.30	0.87	0.62	0.00	-0.33	-0.61	1.85	-0.24	0.629794012
3984	2.24	-0.58	0.50	-0.79	-0.33	0.27	1.56	-0.38	-0.24	0.46	1.03	-0.83	-0.34	0.00	0.00	0.08	-0.25	-0.33	0.00	0.10	1.15	-0.52	0.00	-0.33	-0.61	1.85	-0.24	13.10012094
3985	0.81	0.35	-0.15	-1.59	-0.33	-0.79	1.56	0.51	-0.16	-0.44	2.43	-0.83	2.61	0.00	0.00	-1.24	1.44	3.02	0.00	-0.11	1.71	-0.90	0.50					

4024	1.40	-0.23	-0.20	0.80	1.06	0.54	1.56	0.49	-0.17	0.46	1.62	-0.83	-0.32	0.00	PUBLIC	0.00	-1.24	1.42	-0.33	0.00	0.13	1.71	0.09	-0.50	-0.33	-1.13	1.85	0.20	7.546037515
4025	0.67	0.52	0.02	-0.79	0.02	0.01	1.56	0.62	0.12	-0.44	1.15	-0.83	-0.21	0.00	0.00	0.00	-1.24	1.73	-0.33	0.00	-0.24	1.71	-0.20	-0.75	-0.33	-1.13	1.16	0.33	0.206600548
4026	0.97	0.75	0.02	-0.79	0.02	0.01	1.56	0.65	0.11	-0.99	1.00	-0.83	-0.21	0.00	0.00	0.00	-1.24	1.72	-0.33	0.00	-0.63	1.43	-0.24	-0.75	-0.33	-1.13	1.16	0.33	-0.561302051
4027	1.16	0.57	0.19	-0.79	0.02	1.07	1.56	0.45	0.15	-0.81	1.40	-0.83	-0.20	0.00	0.00	0.00	-1.24	1.76	-0.33	0.00	-0.68	0.87	1.06	-0.75	-0.33	-1.13	1.16	0.33	4.554523465
4028	0.87	0.35	-0.12	-0.79	0.02	0.01	1.56	0.42	-0.75	-0.26	1.56	-0.83	-0.54	0.00	0.00	0.00	-1.24	0.81	-0.33	0.00	-0.29	1.15	-0.07	-0.75	-0.33	-1.13	1.16	0.33	-7.91580197
4029	-0.45	1.58	-1.68	-1.59	-1.02	-2.11	1.56	0.23	-1.42	-1.35	0.87	-0.83	-0.79	0.00	0.00	0.00	-1.21	0.06	-0.33	0.00	-0.39	1.71	-1.30	-1.25	-0.33	-1.13	-0.24	1.98	-17.27394296
4030	-0.15	1.80	-1.69	-1.59	-1.02	-2.11	1.56	0.26	-1.43	-1.90	0.72	-0.83	-0.79	0.00	0.00	0.00	-1.21	0.06	-0.33	0.00	-0.78	1.43	-1.34	-1.25	-0.33	-1.13	-0.24	1.98	-18.04184519
4031	0.04	1.63	-1.51	-1.59	-1.02	-1.05	1.56	0.06	-1.39	-1.72	1.12	-0.83	-0.77	0.00	0.00	0.00	-1.21	0.10	-0.33	0.00	-0.83	0.87	-0.03	-1.25	-0.33	-1.13	-0.24	1.98	-12.92602004
4032	-0.25	1.40	-1.83	-1.59	-1.02	-2.11	1.56	0.03	-2.29	-1.17	1.28	-0.83	-1.11	0.00	0.00	0.00	-1.21	-0.86	-0.33	0.00	-0.44	1.15	-1.17	-1.25	-0.33	-1.13	-0.24	1.98	-25.39634511
4033	0.08	0.97	-1.76	-1.59	-0.68	-2.11	1.56	0.29	-1.81	-0.63	0.94	-0.83	-0.93	0.00	0.00	0.00	-1.21	-0.34	-0.33	0.00	-0.31	1.71	-1.75	-1.00	-0.33	-1.13	0.46	1.43	-25.8774091
4034	0.38	1.19	-1.76	-1.59	-0.68	-2.11	1.56	0.33	-1.81	-1.17	0.78	-0.83	-0.93	0.00	0.00	0.00	-1.21	-0.34	-0.33	0.00	-0.70	1.43	-1.78	-1.00	-0.33	-1.13	0.46	1.43	-26.64531375
4035	0.57	1.02	-1.59	-1.59	-0.68	-0.52	1.56	0.13	-0.87	-0.99	1.18	-0.83	-0.58	0.00	0.00	0.00	-1.21	0.65	-0.33	0.00	-0.42	1.43	0.06	-1.00	-0.33	-1.13	0.46	1.43	-10.43192904
4036	0.28	0.80	-1.91	-1.59	-0.68	-1.58	1.56	0.10	-1.77	-0.44	1.34	-0.83	-0.92	0.00	0.00	0.00	-1.21	-0.31	-0.33	0.00	-0.02	1.71	-1.07	-1.00	-0.33	-1.13	0.46	1.43	-22.90225653
4037	-0.45	1.54	-1.58	0.00	-1.02	-1.32	1.56	0.23	-1.34	-1.54	0.87	-0.83	-0.76	0.00	0.00	0.00	-1.21	0.15	-0.33	0.00	-0.46	1.71	-1.15	-1.25	-0.33	-1.13	-0.24	1.89	-4.879711539
4038	-0.15	1.76	-1.58	0.00	-1.02	-1.32	1.56	0.26	-1.34	-2.08	0.72	-0.83	-0.76	0.00	0.00	0.00	-1.21	0.15	-0.33	0.00	-0.85	1.43	-1.19	-1.25	-0.33	-1.13	-0.24	1.89	-5.64761582
4039	0.04	1.59	-1.41	0.00	-1.02	-0.26	1.56	0.06	-1.31	-1.90	1.12	-0.83	-0.74	0.00	0.00	0.00	-1.21	0.19	-0.33	0.00	-0.90	0.87	0.11	-1.25	-0.33	-1.13	-0.24	1.89	-0.531788622
4040	-0.25	1.37	-1.73	0.00	-1.02	-1.32	1.56	0.03	-2.21	-1.35	1.28	-0.83	-1.08	0.00	0.00	0.00	-1.21	-0.77	-0.33	0.00	-0.50	1.15	-1.02	-1.25	-0.33	-1.13	-0.24	1.89	-13.00211574
4041	0.08	0.93	-1.66	0.00	-0.68	-1.32	1.56	0.29	-1.73	-0.81	0.94	-0.83	-0.90	0.00	0.00	0.00	-1.21	-0.26	-0.33	0.00	-0.38	1.71	-1.60	-1.00	-0.33	-1.13	0.46	1.33	-13.48317954
4042	0.38	1.16	-1.66	0.00	-0.68	-1.32	1.56	0.33	-1.73	-1.35	0.78	-0.83	-0.90	0.00	0.00	0.00	-1.21	-0.26	-0.33	0.00	-0.77	1.43	-1.64	-1.00	-0.33	-1.13	0.46	1.33	-14.25108214
4043	0.57	0.98	-1.49	0.00	-0.68	0.27	1.56	0.13	-0.78	-1.17	1.18	-0.83	-0.55	0.00	0.00	0.00	-1.21	0.74	-0.33	0.00	-0.49	1.43	0.21	-1.00	-0.33	-1.13	0.46	1.33	1.962300324
4044	0.28	0.76	-1.81	0.00	-0.68	-0.79	1.56	0.10	-1.69	-0.63	1.34	-0.83	-0.89	0.00	0.00	0.00	-1.21	-0.22	-0.33	0.00	-0.09	1.71	-0.93	-1.00	-0.33	-1.13	0.46	1.33	-10.50802494
4045	-0.21	0.86	-0.96	0.00	-0.68	-0.79	1.56	0.38	-0.82	-1.17	0.75	-0.83	-0.56	0.00	0.00	0.00	-1.21	0.71	-0.33	0.00	-0.33	1.71	-0.95	-1.25	-0.33	-1.13	-0.24	1.33	-6.494527679
4046	0.09	1.09	-0.96	0.00	-0.68	-0.79	1.56	0.41	-0.82	-1.72	0.59	-0.83	-0.56	0.00	0.00	0.00	-1.21	0.70	-0.33	0.00	-0.72	1.43	-0.99	-1.25	-0.33	-1.13	-0.24	1.33	-7.262432328
4047	0.28	0.91	-0.79	0.00	-0.68	0.27	1.56	0.21	-0.78	-1.54	0.99	-0.83	-0.55	0.00	0.00	0.00	-1.21	0.74	-0.33	0.00	-0.77	0.87	0.31	-1.25	-0.33	-1.13	-0.24	1.33	-2.146604764
4048	-0.02	0.69	-1.11	0.00	-0.68	-0.79	1.56	0.18	-1.69	-0.99	1.15	-0.83	-0.89	0.00	0.00	0.00	-1.21	-0.22	-0.33	0.00	-0.37	1.15	-0.82	-1.25	-0.33	-1.13	-0.24	1.33	-14.61693225
4049	0.32	0.25	-1.04	0.00	-0.33	-0.79	1.56	0.45	-1.20	-0.44	0.81	-0.83	-0.70	0.00	0.00	0.00	-1.21	0.30	-0.33	0.00	-0.24	1.71	-1.40	-1.00	-0.33	-1.13	0.46	0.77	-15.09799624
4050	0.62	0.48	-1.04	0.00	-0.33	-0.79	1.56	0.48	-1.20	-0.99	0.65	-0.83	-0.71	0.00	0.00	0.00	-1.21	0.30	-0.33	0.00	-0.64	1.43	-1.44	-1.00	-0.33	-1.13	0.46	0.77	-15.86589884
4051	0.81	0.31	-0.87	0.00	-0.33	0.80	1.56	0.28	-0.26	-0.81	1.06	-0.83	-0.35	0.00	0.00	0.00	-1.21	1.29	-0.33	0.00	-0.35	1.43	0.41	-1.00	-0.33	-1.13	0.46	0.77	0.347483817
4052	0.51	0.08	-1.18	0.00	-0.33	-0.26	1.56	0.25	-1.16	-0.26	1.21	-0.83	-0.69	0.00	0.00	0.00	-1.21	0.34	-0.33	0.00	0.04	1.71	-0.73	-1.00	-0.33	-1.13	0.46	0.77	-12.12284145
4053	0.56	-0.35	0.28	-0.79	1.40	-0.79	1.56	1.02	0.26	-0.44	0.95	-0.83	-0.16	0.00	0.00	0.00	-1.21	1.84	-0.33	0.00	0.56	1.71	-0.04	0.25	-0.33	-0.09	1.16	0.23	8.217366742
4054	0.85	-0.12	0.28	-0.79	1.40	-0.79	1.56	1.05	0.26	-0.99	0.79	-0.83	-0.16	0.00	0.00	0.00	-1.21	1.84	-0.33	0.00	0.17	1.43	-0.08	0.25	-0.33	-0.09	1.16	0.23	7.449462462
4055	1.04	-0.29	0.45	-0.79	1.40	0.27	1.56	0.86	0.30	-0.81	1.19	-0.83	-0.14	0.00	0.00	0.00	-1.21	1.88	-0.33	0.00	0.12	0.87	1.23	0.25	-0.33	-0.09	1.16	0.23	12.56528966
4056	0.75	-0.52	0.13	-0.79	1.40	-0.79	1.56	0.83	-0.61	-0.26	1.35	-0.83	-0.48	0.00	0.00	0.00	-1.21	0.92	-0.33	0.00	0.52	1.15	0.10	0.25	-0.33	-0.09	1.16	0.23	0.094962542
4057	1.20	0.13	-0.54	0.80	0.71	-0.26	1.56	0.54	-0.60	0.10	0.97	-0.83	-0.48	0.00	0.00	0.00	-1.21	0.93	-0.33	0.00	-0.18	1.71	-0.88	-0.50	-0.33	-1.13	1.85	0.24	2.216584202
4058	1.50	0.35	-0.54	0.80	0.71	-0.26	1.56	0.57	-0.60	-0.44	0.81	-0.83	-0.48	0.00	0.00	0.00	-1.21	0.92	-0.33	0.00	-0.58	1.43	-0.92	-0.50	-0.33	-1.13	1.85	0.24	1.448679554
4059	1.69	0.18	-0.37	0.80	0.71	1.33	1.56	0.38	0.34	-0.26	1.22	-0.83	-0.13	0.00	0.00	0.00	-1.21	1.92	-0.33	0.00	-0.29	1.43	0.93	-0.50	-0.33	-1.13	1.85	0.24	17.66206426
4060	1.40	-0.05	-0.69	0.80	0.71	0.27	1.56	0.34	-0.56	0.28	1.38	-0.83	-0.47	0.00	0.00	0.00	-1.21	0.96	-0.33	0.00	0.10	1.71	-0.21	-0.50	-0.33	-1.13	1.85	0.24	5.191736774
4061	0.67	0.70	-0.46	-0.79	-0.33	-0.26	1.56	0.48	-0.28	-0.63	0.91	-0.83	-0.36	0.00	0.00	0.00	-1.21	1.27	-0.33	0.00	-0.27	1.71	-0.50	-0.75	-0.33	-1.13	1.16	0.77	-2.147700387
4062	0.97	0.93	-0.46	-0.79	-0.33	-0.26	1.56	0.51	-0.28	-1.17	0.75	-0.83	-0.36	0.00	0.00	0.00	-1.21	1.27	-0.33	0.00	-0.66	1.43	-0.54	-0.75	-0.33	-1.13	1.16	0.77	-2.915602618
4063	1.16	0.76	-0.29	-0.79	-0.33	0.80	1.56	0.31	-0.24	-0.99	1.16	-0.83	-0.35	0.00	0.00	0.00	-1.21	1.31	-0.33	0.00	-0.71	0.87	0.77	-0.75	-0.33	-1.13	1.16	0.77	2.20022529
4064	0.87	0.53	-0.61	-0.79	-0.33	-0.26	1.56	0.28	-1.15	-0.44	1.32	-0.83	-0.68	0.00	0.00	0.00	-1.21	0.35	-0.33	0.00	-0.31	1.15	-0.37	-0.75	-0.33	-1.13	1.16	0.77	-10.27010254
4065	0.81	0.46	-0.44	-1.59	-0.33	-1.32	1.56	0.51	-0.39	-0.63	2.03	-0.83	2.52	0.00	0.00	0.00	-1.21	1.16	3.02	0.00	-0.16	1.71	-1.06	0.50	3.02	-0.09	-0.24	0.86	27.59417994
4066	1.10	0.69	-0.44	-1.59	-0.33	-1.32	1.56	0.54	-0.39	-1.17	1.87	-0.83	2.52	0.00	0.00	0.00	-1.21	1.16	3.02	0.00	-0.55	1.43	-1.09	0.50	3.02	-0.09	-0.24	0.86	26.82627546
4067	1.29	0.52	-0.27	-1.59	-0.33	-0.26	1.56	0.34	-0.35	-0.99	2.27	-0.83	2.53	0.00	0.00	0.00	-1.21	1.20	3.02	0.00	-0.60	0.87	0.21	0.50	3				

4108	0.87	0.46	-0.41	-0.79	0.02	0.01	1.56	0.42	-0.98	-0.44	1.15	-0.83	-0.62	0.00	0.00	-1.21	0.53	-0.33	0.00	-0.34	1.15	-0.22	-0.75	-0.33	-1.13	1.15	0.59	-8.79962971
4109	0.81	-0.57	0.98	-0.79	0.02	-0.79	1.56	-0.86	1.09	-0.81	0.53	0.43	3.08	0.00	0.00	0.09	1.15	3.02	0.00	-0.40	1.71	-0.73	0.75	3.02	0.43	-0.93	-0.81	18.2229709
4110	1.10	-0.34	0.98	-0.79	0.02	-0.79	1.56	-0.83	1.09	-1.35	0.37	0.43	3.08	0.00	0.00	0.09	1.15	3.02	0.00	-0.80	1.43	-0.76	0.75	3.02	0.43	-0.93	-0.81	17.45506867
4111	1.29	-0.51	1.15	-0.79	0.02	0.27	1.56	-1.03	1.13	-1.17	0.78	0.43	3.09	0.00	0.00	0.09	1.19	3.02	0.00	-0.84	0.87	0.54	0.75	3.02	0.43	-0.93	-0.81	22.57089382
4112	1.00	-0.74	0.84	-0.79	0.02	-0.79	1.56	-1.06	0.23	-0.63	0.93	0.43	2.75	0.00	0.00	0.09	0.23	3.02	0.00	-0.45	1.15	-0.59	0.75	3.02	0.43	-0.93	-0.81	10.10056875
4113	1.34	-1.18	0.90	-0.79	0.36	-0.79	1.56	-0.79	0.71	-0.08	0.59	0.43	2.93	0.00	0.00	0.09	0.75	3.02	0.00	-0.32	1.71	-1.17	1.01	3.02	0.43	-0.24	-1.36	9.619504392
4114	1.63	-0.95	0.90	-0.79	0.36	-0.79	1.56	-0.76	0.71	-0.63	0.43	0.43	2.93	0.00	0.00	0.09	0.74	3.02	0.00	-0.71	1.43	-1.21	1.01	3.02	0.43	-0.24	-1.36	8.851600111
4115	1.82	-1.12	1.08	-0.79	0.36	0.80	1.56	-0.96	1.65	-0.44	0.84	0.43	3.29	0.00	0.00	0.09	1.74	3.02	0.00	-0.43	1.43	0.64	1.01	3.02	0.43	-0.24	-1.36	25.06498445
4116	1.53	-1.35	0.76	-0.79	0.36	-0.26	1.56	-0.99	0.75	0.10	1.00	0.43	2.95	0.00	0.00	0.09	0.78	3.02	0.00	-0.03	1.71	-0.50	1.01	3.02	0.43	-0.24	-1.36	12.59465733
4117	-0.45	0.47	-0.07	-0.79	-0.33	-1.32	1.56	-0.99	0.22	-1.54	-0.79	0.43	-0.17	0.00	0.00	0.09	0.23	-0.33	0.00	-0.66	1.71	-0.82	-1.00	-0.33	-0.61	-0.93	0.14	-25.16437848
4118	-0.15	0.70	-0.07	-0.79	-0.33	-1.32	1.56	-0.96	0.22	-2.08	-0.94	0.43	-0.17	0.00	0.00	0.09	0.23	-0.33	0.00	-1.05	1.43	-0.86	-1.00	-0.33	-0.61	-0.93	0.14	-25.93228071
4119	0.04	0.52	0.11	-0.79	-0.33	-0.26	1.56	-1.16	0.26	-1.90	-0.54	0.43	-0.16	0.00	0.00	0.09	0.27	-0.33	0.00	-1.10	0.87	0.45	-1.00	-0.33	-0.61	-0.93	0.14	-20.81645556
4120	-0.25	0.30	-0.21	-0.79	-0.33	-1.32	1.56	-1.19	-0.65	-1.35	-0.38	0.43	-0.50	0.00	0.00	0.09	-0.69	-0.33	0.00	-0.70	1.15	-0.69	-1.00	-0.33	-0.61	-0.93	0.14	-33.28678063
4121	0.08	-0.14	-0.15	-0.79	0.02	-1.32	1.56	-0.93	-0.16	-0.81	-0.72	0.43	-0.31	0.00	0.00	0.09	-0.18	-0.33	0.00	-0.57	1.71	-1.27	-0.75	-0.33	-0.61	-0.24	-0.41	-33.7678448
4122	0.38	0.09	-0.15	-0.79	0.02	-1.32	1.56	-0.89	-0.17	-1.35	-0.88	0.43	-0.31	0.00	0.00	0.09	-0.18	-0.33	0.00	-0.97	1.43	-1.31	-0.75	-0.33	-0.61	-0.24	-0.41	-34.53574908
4123	0.57	-0.08	0.03	-0.79	0.02	0.27	1.56	-1.09	0.78	-1.17	-0.48	0.43	0.04	0.00	0.00	0.09	0.82	-0.33	0.00	-0.68	1.43	0.54	-0.75	-0.33	-0.61	-0.24	-0.41	-18.32236493
4124	0.28	-0.31	-0.29	-0.79	0.02	-0.79	1.56	-1.12	-0.13	-0.63	-0.32	0.43	-0.30	0.00	0.00	0.09	-0.14	-0.33	0.00	-0.29	1.71	-0.59	-0.75	-0.33	-0.61	-0.24	-0.41	-30.79269188
4125	-0.45	0.43	0.03	0.80	-0.33	-1.05	1.56	-0.99	0.30	-1.72	-0.79	0.43	-0.14	0.00	0.00	0.09	0.32	-0.33	0.00	-0.73	1.71	-0.68	-1.00	-0.33	-0.61	-0.93	0.05	-13.82911626
4126	-0.15	0.66	0.03	0.80	-0.33	-1.05	1.56	-0.96	0.30	-2.26	-0.94	0.43	-0.14	0.00	0.00	0.09	0.31	-0.33	0.00	-1.12	1.43	-0.71	-1.00	-0.33	-0.61	-0.93	0.05	-14.59702054
4127	0.04	0.49	0.21	0.80	-0.33	0.01	1.56	-1.16	0.34	-2.08	-0.54	0.43	-0.13	0.00	0.00	0.09	0.35	-0.33	0.00	-1.17	0.87	0.59	-1.00	-0.33	-0.61	-0.93	0.05	-9.481193346
4128	-0.25	0.26	-0.11	0.80	-0.33	-1.05	1.56	-1.19	-0.57	-1.54	-0.38	0.43	-0.47	0.00	0.00	0.09	-0.61	-0.33	0.00	-0.77	1.15	-0.54	-1.00	-0.33	-0.61	-0.93	0.05	-21.95152029
4129	0.08	-0.17	-0.05	0.80	0.02	-1.05	1.56	-0.93	-0.08	-0.99	-0.72	0.43	-0.28	0.00	0.00	0.09	-0.09	-0.33	0.00	-0.64	1.71	-1.12	-0.75	-0.33	-0.61	-0.24	-0.50	-22.43258463
4130	0.38	0.05	-0.05	0.80	0.02	-1.05	1.56	-0.89	-0.08	-1.54	-0.88	0.43	-0.28	0.00	0.00	0.09	-0.09	-0.33	0.00	-1.04	1.43	-1.16	-0.75	-0.33	-0.61	-0.24	-0.50	-23.20048891
4131	0.57	-0.12	0.13	0.80	0.02	0.54	1.56	-1.09	0.86	-1.35	-0.48	0.43	0.07	0.00	0.00	0.09	0.90	-0.33	0.00	-0.75	1.43	0.69	-0.75	-0.33	-0.61	-0.24	-0.50	-6.987104402
4132	0.28	-0.35	-0.19	0.80	0.02	-0.52	1.56	-1.12	-0.04	-0.81	-0.32	0.43	-0.27	0.00	0.00	0.09	-0.05	-0.33	0.00	-0.36	1.71	-0.45	-0.75	-0.33	-0.61	-0.24	-0.50	-19.45742947
4133	-0.21	-0.24	0.66	0.80	0.02	-0.52	1.56	-0.84	0.83	-1.35	-0.91	0.43	0.06	0.00	0.00	0.09	0.87	-0.33	0.00	-0.59	1.71	-0.48	-1.00	-0.33	-0.61	-0.93	-0.51	-15.44393277
4134	0.09	-0.02	0.66	0.80	0.02	-0.52	1.56	-0.81	0.83	-1.90	-1.07	0.43	0.06	0.00	0.00	0.09	0.87	-0.33	0.00	-0.99	1.43	-0.51	-1.00	-0.33	-0.61	-0.93	-0.51	-16.21183705
4135	0.28	-0.19	0.83	0.80	0.02	0.54	1.56	-1.01	0.86	-1.72	-0.67	0.43	0.07	0.00	0.00	0.09	0.91	-0.33	0.00	-1.03	0.87	0.79	-1.00	-0.33	-0.61	-0.93	-0.51	-11.09600985
4136	-0.02	-0.42	0.51	0.80	0.02	-0.52	1.56	-1.04	-0.04	-1.17	-0.51	0.43	-0.27	0.00	0.00	0.09	-0.05	-0.33	0.00	-0.64	1.15	-0.34	-1.00	-0.33	-0.61	-0.93	-0.51	-23.56633697
4137	0.32	-0.85	0.58	0.80	0.36	-0.52	1.56	-0.77	0.44	-0.63	-0.85	0.43	-0.09	0.00	0.00	0.09	0.46	-0.33	0.00	-0.51	1.71	-0.92	-0.75	-0.33	-0.61	-0.24	-1.06	-24.04740096
4138	0.62	-0.63	0.58	0.80	0.36	-0.52	1.56	-0.74	0.44	-1.17	-1.01	0.43	-0.09	0.00	0.00	0.09	0.46	-0.33	0.00	-0.91	1.43	-0.96	-0.75	-0.33	-0.61	-0.24	-1.06	-24.81530542
4139	0.81	-0.80	0.75	0.80	0.36	1.07	1.56	-0.94	1.39	-0.99	-0.60	0.43	0.27	0.00	0.00	0.09	1.46	-0.33	0.00	-0.62	1.43	0.89	-0.75	-0.33	-0.61	-0.24	-1.06	-8.601920906
4140	0.51	-1.02	0.43	0.80	0.36	0.01	1.56	-0.97	0.48	-0.44	-0.45	0.43	-0.07	0.00	0.00	0.09	0.50	-0.33	0.00	-0.23	1.71	-0.25	-0.75	-0.33	-0.61	-0.24	-1.06	-21.07224617
4141	0.56	-1.45	1.90	0.00	2.10	-0.52	1.56	-0.20	1.90	-0.63	-0.71	0.43	0.46	0.00	0.00	0.09	2.01	-0.33	0.00	0.30	1.71	0.44	0.50	-0.33	0.43	0.46	-1.61	-0.732040029
4142	0.85	-1.23	1.90	0.00	2.10	-0.52	1.56	-0.17	1.90	-1.17	-0.87	0.43	0.46	0.00	0.00	0.09	2.01	-0.33	0.00	-0.10	1.43	0.40	0.50	-0.33	0.43	0.46	-1.61	-1.499942628
4143	1.04	-1.40	2.07	0.00	2.10	0.54	1.56	-0.36	1.94	-0.99	-0.47	0.43	0.48	0.00	0.00	0.09	2.05	-0.33	0.00	-0.14	0.87	1.71	0.50	-0.33	0.43	0.46	-1.61	3.615882888
4144	0.75	-1.62	1.75	0.00	2.10	-0.52	1.56	-0.39	1.03	-0.44	-0.31	0.43	0.14	0.00	0.00	0.09	1.09	-0.33	0.00	0.25	1.15	0.57	0.50	-0.33	0.43	0.46	-1.61	-8.85444218
4145	1.20	-0.98	1.08	1.59	1.40	0.01	1.56	-0.68	1.05	-0.08	-0.69	0.43	0.14	0.00	0.00	0.09	1.09	-0.33	0.00	-0.45	1.71	-0.40	-0.25	-0.33	-0.61	1.16	-1.59	-6.732820887
4146	1.50	-0.75	1.08	1.59	1.40	0.01	1.56	-0.65	1.04	-0.63	-0.84	0.43	0.14	0.00	0.00	0.09	1.09	-0.33	0.00	-0.85	1.43	-0.44	-0.25	-0.33	-0.61	1.16	-1.59	-7.500725168
4147	1.69	-0.93	1.25	1.59	1.40	1.60	1.56	-0.84	1.99	-0.44	-0.44	0.43	0.49	0.00	0.00	0.09	2.09	-0.33	0.00	-0.56	1.43	1.41	-0.25	-0.33	-0.61	1.16	-1.59	8.712659168
4148	1.40	-1.15	0.93	1.59	1.40	0.54	1.56	-0.88	1.08	0.10	-0.28	0.43	0.15	0.00	0.00	0.09	1.13	-0.33	0.00	-0.17	1.71	0.27	-0.25	-0.33	-0.61	1.16	-1.59	-3.757667775
4149	0.67	-0.40	1.16	0.00	0.36	0.01	1.56	-0.75	1.37	-0.81	-0.75	0.43	0.26	0.00	0.00	0.09	1.44	-0.33	0.00	-0.53	1.71	-0.02	-0.50	-0.33	-0.61	0.46	-1.07	-11.09710511
4150	0.97	-0.18	1.15	0.00	0.36	0.01	1.56	-0.71	1.36	-1.35	-0.91	0.43	0.26	0.00	0.00	0.09	1.44	-0.33	0.00	-0.93	1.43	-0.06	-0.50	-0.33	-0.61	0.46	-1.07	-11.86500734
4151	1.16	-0.35	1.33	0.00	0.36	1.07	1.56	-0.91	1.40	-1.17	-0.50	0.43	0.27	0.00	0.00	0.09	1.48	-0.33	0.00	-0.97	0.87	1.24	-0.50	-0.33	-0.61	0.46	-1.07	-6.749182193
4152	0.87	-0.58	1.01	0.00	0.36	0.01	1.56	-0.94	0.50	-0.63	-0.34	0.43	-0.07	0.00	0.00	0.09	0.52	-0.33	0.00	-0.58	1.15	0.11	-0.50	-0.33	-0.61	0.46	-1.07	-19.21950726
4153	-0.45	-0.65	-0.55	-0.79	-0.68	-1.58	1																					

4192	1.00	-0.63	0.55	-0.79	0.02	-0.79	1.56	-1.06	-0.01	-0.81	0.53	0.43	2.66	0.00	0.11	-0.04	3.02	0.00	-0.50	1.15	-0.74	0.75	3.02	0.43	-0.93	9.54	9.225740052	
4193	1.34	-1.07	0.61	-0.79	0.36	-0.79	1.56	-0.79	0.48	-0.26	0.19	0.43	2.85	0.00	0.11	0.47	3.02	0.00	-0.37	1.71	-1.32	1.01	3.02	0.43	-1.09	8.744673644	8.744673644	
4194	1.63	-0.84	0.61	-0.79	0.36	-0.79	1.56	-0.76	0.48	-0.81	0.03	0.43	2.85	0.00	0.11	0.47	3.02	0.00	-0.76	1.43	-1.36	1.01	3.02	0.43	-1.09	7.976771412	7.976771412	
4195	1.82	-1.01	0.79	-0.79	0.36	0.80	1.56	-0.96	1.42	-0.63	0.43	0.43	3.20	0.00	0.11	1.46	3.02	0.00	-0.48	1.43	0.49	1.01	3.02	0.43	-1.09	24.1901537	24.1901537	
4196	1.53	-1.24	0.47	-0.79	0.36	-0.26	1.56	-0.99	0.52	-0.08	0.59	0.43	2.86	0.00	0.11	0.51	3.02	0.00	-0.08	1.71	-0.65	1.01	3.02	0.43	-1.09	11.71982881	11.71982881	
4197	-0.45	0.58	-0.36	-0.79	-0.33	-0.79	1.56	-0.99	-0.01	-1.72	-1.19	0.43	-0.26	0.00	0.00	0.11	-0.05	-0.33	0.00	-0.71	1.71	-0.97	-1.00	-0.33	-0.61	-0.93	0.40	-24.99053644
4198	-0.15	0.81	-0.36	-0.79	-0.33	-0.79	1.56	-0.96	-0.01	-2.26	-1.35	0.43	-0.26	0.00	0.00	0.11	-0.05	-0.33	0.00	-1.10	1.43	-1.01	-1.00	-0.33	-0.61	-0.93	0.40	-25.75844072
4199	0.04	0.63	-0.18	-0.79	-0.33	0.27	1.56	-1.16	0.03	-2.08	-0.94	0.43	-0.24	0.00	0.00	0.11	-0.01	-0.33	0.00	-1.15	0.87	0.29	-1.00	-0.33	-0.61	-0.93	0.40	-20.64261352
4200	-0.25	0.41	-0.50	-0.79	-0.33	-0.79	1.56	-1.19	-0.88	-1.54	-0.79	0.43	-0.58	0.00	0.00	0.11	-0.97	-0.33	0.00	-0.75	1.15	-0.84	-1.00	-0.33	-0.61	-0.93	0.40	-33.11294045
4201	0.08	-0.03	-0.43	-0.79	0.02	-0.79	1.56	-0.93	-0.39	-0.99	-1.13	0.43	-0.40	0.00	0.00	0.11	-0.46	-0.33	0.00	-0.62	1.71	-1.42	-0.75	-0.33	-0.61	-0.24	-0.15	-33.59400481
4202	0.38	0.20	-0.44	-0.79	0.02	-0.79	1.56	-0.89	-0.40	-1.54	-1.29	0.43	-0.40	0.00	0.00	0.11	-0.46	-0.33	0.00	-1.02	1.43	-1.46	-0.75	-0.33	-0.61	-0.24	-0.15	-34.36190704
4203	0.57	0.03	-0.26	-0.79	0.02	0.80	1.56	-1.09	0.55	-1.35	-0.88	0.43	-0.05	0.00	0.00	0.11	0.54	-0.33	0.00	-0.73	1.43	0.39	-0.75	-0.33	-0.61	-0.24	-0.15	-18.14852475
4204	0.28	-0.20	-0.58	-0.79	0.02	-0.26	1.56	-1.12	-0.36	-0.81	-0.72	0.43	-0.39	0.00	0.00	0.11	-0.42	-0.33	0.00	-0.34	1.71	-0.75	-0.75	-0.33	-0.61	-0.24	-0.15	-30.61884965
4205	-0.45	0.54	-0.26	0.80	-0.33	-0.52	1.56	-0.99	0.07	-1.90	-1.19	0.43	-0.23	0.00	0.00	0.11	0.04	-0.33	0.00	-0.78	1.71	-0.83	-1.00	-0.33	-0.61	-0.93	0.31	-13.65527627
4206	-0.15	0.77	-0.26	0.80	-0.33	-0.52	1.56	-0.96	0.07	-2.44	-1.35	0.43	-0.23	0.00	0.00	0.11	0.03	-0.33	0.00	-1.17	1.43	-0.87	-1.00	-0.33	-0.61	-0.93	0.31	-14.42317831
4207	0.04	0.60	-0.08	0.80	-0.33	0.54	1.56	-1.16	0.11	-2.26	-0.94	0.43	-0.21	0.00	0.00	0.11	0.07	-0.33	0.00	-1.21	0.87	0.44	-1.00	-0.33	-0.61	-0.93	0.31	-9.307353164
4208	-0.25	0.37	-0.40	0.80	-0.33	-0.52	1.56	-1.19	-0.80	-1.72	-0.79	0.43	-0.55	0.00	0.00	0.11	-0.88	-0.33	0.00	-0.82	1.15	-0.69	-1.00	-0.33	-0.61	-0.93	0.31	-21.77767823
4209	0.08	-0.06	-0.33	0.80	0.02	-0.52	1.56	-0.93	-0.31	-1.17	-1.13	0.43	-0.37	0.00	0.00	0.11	-0.37	-0.33	0.00	-0.69	1.71	-1.27	-0.75	-0.33	-0.61	-0.24	-0.24	-22.25874259
4210	0.38	0.16	-0.34	0.80	0.02	-0.52	1.56	-0.89	-0.31	-1.72	-1.29	0.43	-0.37	0.00	0.00	0.11	-0.37	-0.33	0.00	-1.09	1.43	-1.31	-0.75	-0.33	-0.61	-0.24	-0.24	-23.02664687
4211	0.57	-0.01	-0.16	0.80	0.02	1.07	1.56	-1.09	0.63	-1.54	-0.88	0.43	-0.02	0.00	0.00	0.11	0.62	-0.33	0.00	-0.80	1.43	0.53	-0.75	-0.33	-0.61	-0.24	-0.24	-6.813262535
4212	0.28	-0.24	-0.48	0.80	0.02	0.01	1.56	-1.12	-0.28	-0.99	-0.72	0.43	-0.36	0.00	0.00	0.11	-0.33	-0.33	0.00	-0.41	1.71	-0.60	-0.75	-0.33	-0.61	-0.24	-0.24	-19.28358948
4213	-0.21	-0.13	0.37	0.80	0.02	0.01	1.56	-0.84	0.60	-1.54	-1.32	0.43	-0.03	0.00	0.00	0.11	0.59	-0.33	0.00	-0.64	1.71	-0.63	-1.00	-0.33	-0.61	-0.93	-0.25	-15.27009278
4214	0.09	0.09	0.37	0.80	0.02	0.01	1.56	-0.81	0.59	-2.08	-1.48	0.43	-0.03	0.00	0.00	0.11	0.59	-0.33	0.00	-1.04	1.43	-0.67	-1.00	-0.33	-0.61	-0.93	-0.25	-16.03799501
4215	0.28	-0.08	0.54	0.80	0.02	1.07	1.56	-1.01	0.63	-1.90	-1.07	0.43	-0.02	0.00	0.00	0.11	0.63	-0.33	0.00	-1.08	0.87	0.64	-1.00	-0.33	-0.61	-0.93	-0.25	-10.92216986
4216	-0.02	-0.31	0.22	0.80	0.02	0.01	1.56	-1.04	-0.27	-1.35	-0.91	0.43	-0.36	0.00	0.00	0.11	-0.33	-0.33	0.00	-0.69	1.15	-0.50	-1.00	-0.33	-0.61	-0.93	-0.25	-23.39249493
4217	0.32	-0.74	0.29	0.80	0.36	0.01	1.56	-0.77	0.21	-0.81	-1.26	0.43	-0.17	0.00	0.00	0.11	0.18	-0.33	0.00	-0.56	1.71	-1.08	-0.75	-0.33	-0.61	-0.24	-0.80	-23.87355873
4218	0.62	-0.52	0.29	0.80	0.36	0.01	1.56	-0.74	0.21	-1.35	-1.41	0.43	-0.17	0.00	0.00	0.11	0.18	-0.33	0.00	-0.95	1.43	-1.11	-0.75	-0.33	-0.61	-0.24	-0.80	-24.64146338
4219	0.81	-0.69	0.46	0.80	0.36	1.60	1.56	-0.94	1.16	-1.17	-1.01	0.43	0.18	0.00	0.00	0.11	1.18	-0.33	0.00	-0.67	1.43	0.73	-0.75	-0.33	-0.61	-0.24	-0.80	-8.428078675
4220	0.51	-0.91	0.14	0.80	0.36	0.54	1.56	-0.97	0.25	-0.63	-0.85	0.43	-0.16	0.00	0.00	0.11	0.22	-0.33	0.00	-0.28	1.71	-0.40	-0.75	-0.33	-0.61	-0.24	-0.80	-20.89840599
4221	0.56	-1.34	1.61	0.00	2.10	0.01	1.56	-0.20	1.67	-0.81	-1.12	0.43	0.37	0.00	0.00	0.11	1.73	-0.33	0.00	0.25	1.71	0.29	0.50	-0.33	0.43	0.46	-1.34	-0.558197987
4222	0.85	-1.12	1.61	0.00	2.10	0.01	1.56	-0.17	1.67	-1.35	-1.28	0.43	0.37	0.00	0.00	0.11	1.73	-0.33	0.00	-0.15	1.43	0.25	0.50	-0.33	0.43	0.46	-1.34	-1.326102636
4223	1.04	-1.29	1.78	0.00	2.10	1.07	1.56	-0.36	1.71	-1.17	-0.87	0.43	0.39	0.00	0.00	0.11	1.77	-0.33	0.00	-0.19	0.87	1.56	0.50	-0.33	0.43	0.46	-1.34	3.789724928
4224	0.75	-1.51	1.46	0.00	2.10	0.01	1.56	-0.39	0.80	-0.63	-0.71	0.43	0.05	0.00	0.00	0.11	0.81	-0.33	0.00	0.20	1.15	0.42	0.50	-0.33	0.43	0.46	-1.34	-8.680600139
4225	1.20	-0.87	0.79	1.59	1.40	0.54	1.56	-0.68	0.81	-0.26	-1.09	0.43	0.05	0.00	0.00	0.11	0.81	-0.33	0.00	-0.50	1.71	-0.56	-0.25	-0.33	-0.61	1.16	-1.33	-6.558980895
4226	1.50	-0.64	0.79	1.59	1.40	0.54	1.56	-0.65	0.81	-0.81	-1.25	0.43	0.05	0.00	0.00	0.11	0.81	-0.33	0.00	-0.89	1.43	-0.59	-0.25	-0.33	-0.61	1.16	-1.33	-7.326883127
4227	1.69	-0.82	0.96	1.59	1.40	2.13	1.56	-0.84	1.76	-0.63	-0.84	0.43	0.40	0.00	0.00	0.11	1.81	-0.33	0.00	-0.61	1.43	1.25	-0.25	-0.33	-0.61	1.16	-1.33	8.88649916
4228	1.40	-1.04	0.64	1.59	1.40	1.07	1.56	-0.88	0.85	-0.08	-0.69	0.43	0.06	0.00	0.00	0.11	0.85	-0.33	0.00	-0.22	1.71	0.12	-0.25	-0.33	-0.61	1.16	-1.33	-3.583825908
4229	0.67	-0.29	0.87	0.00	0.36	0.54	1.56	-0.75	1.14	-0.99	-1.15	0.43	0.17	0.00	0.00	0.11	1.16	-0.33	0.00	-0.58	1.71	-0.18	-0.50	-0.33	-0.61	0.46	-0.81	-10.92326307
4230	0.97	-0.07	0.87	0.00	0.36	0.54	1.56	-0.71	1.13	-1.54	-1.31	0.43	0.17	0.00	0.00	0.11	1.16	-0.33	0.00	-0.98	1.43	-0.22	-0.50	-0.33	-0.61	0.46	-0.81	-11.69116735
4231	1.16	-0.24	1.04	0.00	0.36	1.60	1.56	-0.91	1.17	-1.35	-0.91	0.43	0.19	0.00	0.00	0.11	1.20	-0.33	0.00	-1.02	0.87	1.09	-0.50	-0.33	-0.61	0.46	-0.81	-6.575340151
4232	0.87	-0.47	0.72	0.00	0.36	0.54	1.56	-0.94	0.27	-0.81	-0.75	0.43	-0.15	0.00	0.00	0.11	0.24	-0.33	0.00	-0.63	1.15	-0.04	-0.50	-0.33	-0.61	0.46	-0.81	-19.04566727
4233	0.71	-0.94	0.66	-0.79	-0.33	-0.52	1.56	-0.99	0.85	-1.72	-1.74	0.43	0.07	0.00	0.00	1.21	-0.46	-0.33	0.00	-0.80	1.71	-2.30	-0.75	-0.33	-0.61	-0.24	-0.51	-40.8985391
4234	1.00	-0.71	0.66	-0.79	-0.33	-0.52	1.56	-0.95	0.85	-2.26	-1.90	0.43	0.06	0.00	0.00	1.21	-0.47	-0.33	0.00	-1.20	1.43	-2.34	-0.75	-0.33	-0.61	-0.24	-0.51	-41.66685802
4235	1.19	-0.88	0.84	-0.79	-0.33	0.54	1.56	-1.15	0.89	-2.08	-1.50	0.43	0.08	0.00	0.00	1.21	-0.43	-0.33	0.00	-1.24	0.87	-1.03	-0.75	-0.33	-0.61	-0.24	-0.51	-36.551031
4236	0.90	-1.11	0.52	-0.79	-0.33	-0.52	1.56	-1.18	-0.02	-1.54	-1.34	0.43	-0.26	0.00	0.00	1.21	-1.38	-0.33	0.00	-0.85	1.15	-2.17	-0.75	-0.33	-0.61	-0.24	-0.51	-49.02135589
4237	1.24	-1.54	0.59	-0.79	0.02	-0.52	1.56	-0.92																				

4276	2.47	-1.84	0.93	0.00	1.06	1.07	1.56	-1.02	1.09	0.83	-0.21	0.43	0.15	0.00	0.00	0.86	0.20	-0.33	0.00	0.19	1.71	-0.36	0.00	-0.33	-0.61	1.85	1.59	17.59994829	
4277	1.75	-1.09	1.16	-1.59	0.02	0.54	1.56	-0.89	1.38	-0.08	-0.67	0.43	0.26	0.00	0.00	0.86	0.51	-0.33	0.00	-0.17	1.71	-0.66	-0.25	-0.33	-0.61	1.16	-1.07	-24.93938563	
4278	2.04	-0.87	1.16	-1.59	0.02	0.54	1.56	-0.86	1.37	-0.63	-0.83	0.43	0.26	0.00	0.00	0.86	0.51	-0.33	0.00	-0.57	1.43	-0.69	-0.25	-0.33	-0.61	1.16	-1.07	-25.70728823	
4279	2.24	-1.04	1.33	-1.59	0.02	1.60	1.56	-1.06	1.41	-0.44	-0.43	0.43	0.28	0.00	0.00	0.86	0.55	-0.33	0.00	-0.61	0.87	0.61	-0.25	-0.33	-0.61	1.16	-1.07	-20.59146271	
4280	1.94	-1.27	1.01	-1.59	0.02	0.54	1.56	-1.09	0.51	0.10	-0.27	0.43	-0.06	0.00	0.00	0.86	-0.41	-0.33	0.00	-0.22	1.15	-0.52	-0.25	-0.33	-0.61	1.16	-1.07	-33.06178815	
4281	1.16	-0.57	1.06	-0.79	-1.02	0.27	1.09	-0.63	1.10	0.10	0.53	0.03	3.08	0.00	0.00	1.11	-0.08	3.02	0.00	0.24	1.71	0.36	1.51	3.02	0.95	-0.24	-0.81	35.34483461	
4282	1.46	-0.34	1.06	-0.79	-1.02	0.27	1.09	-0.60	1.10	-0.44	0.37	0.03	3.08	0.00	0.00	1.11	-0.09	3.02	0.00	-0.16	1.43	0.32	1.51	3.02	0.95	-0.24	-0.81	34.5769305	
4283	1.65	-0.51	1.24	-0.79	-1.02	1.33	1.09	-0.80	1.13	-0.26	0.78	0.03	3.09	0.00	0.00	1.11	-0.05	3.02	0.00	-0.20	0.87	1.62	1.51	3.02	0.95	-0.24	-0.81	39.69275753	
4284	1.35	-0.74	0.92	-0.79	-1.02	0.27	1.09	-0.83	0.23	0.28	0.93	0.03	2.75	0.00	0.00	1.11	-1.00	3.02	0.00	0.19	1.15	0.49	1.51	3.02	0.95	-0.24	-0.81	27.22243058	
4285	1.69	-1.18	0.99	-0.79	-0.68	0.27	1.09	-0.56	0.71	0.83	0.59	0.03	2.93	0.00	0.00	1.11	-0.49	3.02	0.00	0.32	1.71	-0.09	1.76	3.02	0.95	0.46	-1.36	26.74136642	
4286	1.99	-0.95	0.98	-0.79	-0.68	0.27	1.09	-0.53	0.71	0.28	0.43	0.03	2.93	0.00	0.00	1.11	-0.49	3.02	0.00	-0.08	1.43	-0.13	1.76	3.02	0.95	0.46	-1.36	25.97346399	
4287	2.18	-1.12	1.16	-0.79	-0.68	1.86	1.09	-0.73	1.66	0.46	-0.68	0.84	0.03	3.29	0.00	0.00	1.11	0.50	3.02	0.00	0.21	1.43	1.72	1.76	3.02	0.95	0.46	-1.36	42.18684665
4288	1.88	-1.35	0.84	-0.79	-0.68	0.80	1.09	-0.76	0.75	1.01	1.00	0.03	2.95	0.00	0.00	1.11	-0.45	3.02	0.00	0.60	1.71	0.58	1.76	3.02	0.95	0.46	-1.36	29.71652121	
4289	-0.09	0.47	0.01	-0.79	-1.37	-0.26	1.09	-0.76	0.22	-0.63	-0.79	0.03	-0.17	0.00	0.00	1.11	-1.01	-0.33	0.00	-0.02	1.71	0.26	-0.25	-0.33	-0.09	-0.24	0.14	-8.042514599	
4290	0.20	0.70	0.01	-0.79	-1.37	-0.26	1.09	-0.73	0.22	-1.17	-0.94	0.03	-0.17	0.00	0.00	1.11	-1.01	-0.33	0.00	-0.41	1.43	0.22	-0.25	-0.33	-0.09	-0.24	0.14	-8.81041869	
4291	0.39	0.52	0.19	-0.79	-1.37	0.80	1.09	-0.93	0.26	-0.99	-0.54	0.03	-0.16	0.00	0.00	1.11	-0.97	-0.33	0.00	-0.46	0.87	1.53	-0.25	-0.33	-0.09	-0.24	0.14	-3.694591493	
4292	0.10	0.30	-0.13	-0.79	-1.37	-0.26	1.09	-0.96	-0.64	-0.44	-0.38	0.03	-0.50	0.00	0.00	1.11	-1.93	-0.33	0.00	-0.06	1.15	0.39	-0.25	-0.33	-0.09	-0.24	0.14	-16.16491861	
4293	0.44	-0.14	-0.06	-0.79	-1.02	-0.26	1.09	-0.70	-0.16	0.10	-0.72	0.03	-0.31	0.00	0.00	1.11	-1.41	-0.33	0.00	0.06	1.71	-0.19	0.00	-0.33	-0.09	0.46	-0.41	-16.6459826	
4294	0.73	0.09	-0.06	-0.79	-1.02	-0.26	1.09	-0.67	-0.16	-0.44	-0.88	0.03	-0.31	0.00	0.00	1.11	-1.42	-0.33	0.00	-0.33	1.43	-0.22	0.00	-0.33	-0.09	0.46	-0.41	-17.41388725	
4295	0.93	-0.08	0.11	-0.79	-1.02	1.33	1.09	-0.86	0.78	-0.26	-0.48	0.03	0.04	0.00	0.00	1.11	-0.42	-0.33	0.00	-0.05	1.43	1.62	0.00	-0.33	-0.09	0.46	-0.41	-1.200502545	
4296	0.63	-0.31	-0.21	-0.79	-1.02	0.27	1.09	-0.90	-0.12	0.28	-0.32	0.03	-0.30	0.00	0.00	1.11	-1.38	-0.33	0.00	0.35	1.71	0.49	0.00	-0.33	-0.09	0.46	-0.41	-13.67082781	
4297	-0.09	0.43	0.12	0.80	-1.37	0.01	1.09	-0.76	0.31	-0.81	-0.79	0.03	-0.14	0.00	0.00	1.11	-0.92	-0.33	0.00	-0.09	1.71	0.41	-0.25	-0.33	-0.09	-0.24	0.05	3.29274576	
4298	0.20	0.66	0.11	0.80	-1.37	0.01	1.09	-0.73	0.30	-1.35	-0.94	0.03	-0.14	0.00	0.00	1.11	-0.92	-0.33	0.00	-0.48	1.43	0.37	-0.25	-0.33	-0.09	-0.24	0.05	2.52484148	
4299	0.39	0.49	0.29	0.80	-1.37	1.07	1.09	-0.93	0.34	-1.17	-0.54	0.03	-0.13	0.00	0.00	1.11	-0.89	-0.33	0.00	-0.53	0.87	1.67	-0.25	-0.33	-0.09	-0.24	0.05	7.640668676	
4300	0.10	0.26	-0.03	0.80	-1.37	0.01	1.09	-0.96	-0.56	-0.63	-0.38	0.03	-0.47	0.00	0.00	1.11	-1.84	-0.33	0.00	-0.13	1.15	0.54	-0.25	-0.33	-0.09	-0.24	0.05	-4.82965639	
4301	0.44	-0.17	0.04	0.80	-1.02	0.01	1.09	-0.70	-0.08	-0.08	-0.72	0.03	-0.28	0.00	0.00	1.11	-1.33	-0.33	0.00	0.00	1.71	-0.04	0.00	-0.33	-0.09	0.46	-0.50	-5.310722433	
4302	0.73	0.05	0.04	0.80	-1.02	0.01	1.09	-0.67	-0.08	-0.63	-0.88	0.03	-0.28	0.00	0.00	1.11	-1.33	-0.33	0.00	-0.40	1.43	-0.08	0.00	-0.33	-0.09	0.46	-0.50	-6.078625032	
4303	0.93	-0.12	0.21	0.80	-1.02	1.60	1.09	-0.86	0.86	-0.44	-0.48	0.03	0.07	0.00	0.00	1.11	-0.33	-0.33	0.00	-0.11	1.43	1.77	0.00	-0.33	-0.09	0.46	-0.50	10.13475762	
4304	0.63	-0.35	-0.11	0.80	-1.02	0.54	1.09	-0.90	-0.04	0.10	-0.32	0.03	-0.27	0.00	0.00	1.11	-1.29	-0.33	0.00	0.28	1.71	0.63	0.00	-0.33	-0.09	0.46	-0.50	-2.33567639	
4305	0.14	-0.24	0.74	0.80	-1.02	0.54	1.09	-0.61	0.83	-0.44	-0.91	0.03	0.06	0.00	0.00	1.11	-0.37	-0.33	0.00	0.05	1.71	0.60	-0.25	-0.33	-0.09	-0.24	-0.51	1.677929429	
4306	0.44	-0.02	0.74	0.80	-1.02	0.54	1.09	-0.58	0.83	-0.99	-1.07	0.03	0.06	0.00	0.00	1.11	-0.37	-0.33	0.00	-0.35	1.43	0.57	-0.25	-0.33	-0.09	-0.24	-0.51	0.910027021	
4307	0.63	-0.19	0.91	0.80	-1.02	1.60	1.09	-0.67	0.87	-0.81	-0.91	0.03	0.07	0.00	0.00	1.11	-0.33	-0.33	0.00	-0.39	0.87	1.87	-0.25	-0.33	-0.09	-0.24	-0.51	6.025852536	
4308	0.34	-0.42	0.59	0.80	-1.02	0.54	1.09	-0.81	-0.04	-0.26	-0.51	0.03	-0.27	0.00	0.00	1.11	-1.29	-0.33	0.00	0.00	1.15	0.74	-0.25	-0.33	-0.09	-0.24	-0.51	-6.444472898	
4309	0.68	-0.85	0.66	0.80	-0.68	0.54	1.09	-0.54	0.45	0.28	-0.85	0.03	-0.09	0.00	0.00	1.11	-0.77	-0.33	0.00	0.13	1.71	0.16	0.00	-0.33	-0.09	0.46	-1.06	-6.925538941	
4310	0.97	-0.63	0.66	0.80	-0.68	0.54	1.09	-0.51	0.45	-0.26	-1.01	0.03	-0.09	0.00	0.00	1.11	-0.78	-0.33	0.00	-0.27	1.43	0.12	0.00	-0.33	-0.09	0.46	-1.06	-7.69344154	
4311	1.16	-0.80	0.83	0.80	-0.68	2.13	1.09	-0.71	1.39	-0.08	-0.60	0.03	0.27	0.00	0.00	1.11	0.22	-0.33	0.00	0.02	1.43	1.97	0.00	-0.33	-0.09	0.46	-1.06	8.519943166	
4312	0.87	-1.02	0.51	0.80	-0.68	1.07	1.09	-0.74	0.48	0.46	-0.45	0.03	-0.07	0.00	0.00	1.11	-0.74	-0.33	0.00	0.41	1.71	0.83	0.00	-0.33	-0.09	0.46	-1.06	-3.950383779	
4313	0.91	-1.45	1.98	0.00	1.06	0.54	1.09	0.03	1.91	0.28	-0.71	0.03	0.46	0.00	0.00	1.11	0.77	-0.33	0.00	0.94	1.71	1.52	1.26	-0.33	0.95	1.16	-1.61	16.38982385	
4314	1.21	-1.23	1.98	0.00	1.06	0.54	1.09	0.06	1.90	-0.26	-0.87	0.03	0.46	0.00	0.00	1.11	0.77	-0.33	0.00	0.54	1.43	1.48	1.26	-0.33	0.95	1.16	-1.61	15.62191976	
4315	1.40	-1.40	2.15	0.00	1.06	1.60	1.09	-0.13	1.94	-0.08	-0.47	0.03	0.48	0.00	0.00	1.11	0.81	-0.33	0.00	0.50	0.87	2.79	1.26	-0.33	0.95	1.16	-1.61	20.73774696	
4316	1.10	-1.62	1.83	0.00	1.06	0.54	1.09	-0.17	1.04	0.46	-0.31	0.03	0.14	0.00	0.00	1.11	-0.15	-0.33	0.00	0.89	1.15	1.65	1.26	-0.33	0.95	1.16	-1.61	8.267419842	
4317	1.56	-0.98	1.16	1.59	0.36	1.07	1.09	-0.45	1.05	0.83	-0.69	0.03	0.14	0.00	0.00	1.11	-0.14	-0.33	0.00	0.19	1.71	0.68	0.50	-0.33	-0.09	1.85	-1.59	10.38904131	
4318	1.85	-0.75	1.16	1.59	0.36	1.07	1.09	-0.42	1.05	0.28	-0.84	0.03	0.14	0.00	0.00	1.11	-0.15	-0.33	0.00	-0.21	1.43	0.64	0.50	-0.33	-0.09	1.85	-1.59	9.621136663	
4319	2.05	-0.93	1.33	1.59	0.36	2.66	1.09	-0.62	1.99	0.46	-0.44	0.03	0.49	0.00	0.00	1.11	0.85	-0.33	0.00	0.08	1.43	2.49	0.50	-0.33	-0.09	1.85	-1.59	25.83452137	
4320	1.75	-1.15	1.01	1.59	0.36	1.60	1.09	-0.65	1.09	1.01	-0.28	0.03	0.15	0.00	0.00	1.11	-0.11	-0.33	0.00	0.47	1.71	1.35	0.50	-0.33	-0.09	1.85	-1.59	13.36419593	
4321	1.03	-0.40	1.24	0.00	-0.68	1.07</																							

4360	1.22	-0.39	0.61	0.00	-1.02	1.33	1.09	-0.86	0.11	0.10	-0.59	0.03	-0.21	0.00	0.00	1.14	-1.17	-0.33	0.00	0.03	1.15	0.89	0.25	-0.33	-0.09	1.16	-0.63	3.394278248
4361	1.16	-0.46	0.78	-0.79	-1.02	0.27	1.09	-0.63	0.87	-0.08	-0.12	0.03	2.99	0.00	0.00	1.14	-0.36	3.02	0.00	0.19	1.71	0.21	1.51	3.02	0.95	-0.24	-0.54	34.47000404
4362	1.46	-0.23	0.77	-0.79	-1.02	0.27	1.09	-0.60	0.86	-0.63	-0.03	0.03	2.99	0.00	0.00	1.14	-0.36	3.02	0.00	-0.21	1.43	0.17	1.51	3.02	0.95	-0.24	-0.54	33.7021018
4363	1.65	-0.41	0.95	-0.79	-1.02	1.33	1.09	-0.80	0.90	-0.44	0.37	0.03	3.00	0.00	0.00	1.14	-0.32	3.02	0.00	-0.25	0.87	1.47	1.51	3.02	0.95	-0.24	-0.54	38.81792695
4364	1.35	-0.63	0.63	-0.79	-1.02	0.27	1.09	-0.83	0.00	0.10	0.53	0.03	2.67	0.00	0.00	1.14	-1.28	3.02	0.00	0.14	1.15	0.34	1.51	3.02	0.95	-0.24	-0.54	26.34760188
4365	1.69	-1.07	0.70	-0.79	-0.68	0.27	1.09	-0.56	0.48	0.65	0.19	0.03	2.85	0.00	0.00	1.14	-0.77	3.02	0.00	0.27	1.71	-0.24	1.76	3.02	0.95	0.46	-1.09	25.86653808
4366	1.99	-0.84	0.70	-0.79	-0.68	0.27	1.09	-0.53	0.48	0.10	0.03	0.03	2.85	0.00	0.00	1.14	-0.77	3.02	0.00	-0.12	1.43	-0.28	1.76	3.02	0.95	0.46	-1.09	25.09863343
4367	2.18	-1.01	0.87	-0.79	-0.68	1.86	1.09	-0.73	1.42	0.28	0.43	0.03	3.20	0.00	0.00	1.14	0.23	3.02	0.00	0.16	1.43	1.57	1.76	3.02	0.95	0.46	-1.09	41.31201795
4368	1.88	-1.24	0.55	-0.79	-0.68	0.80	1.09	-0.76	0.52	0.83	0.59	0.03	2.86	0.00	0.00	1.14	-0.73	3.02	0.00	0.55	1.71	0.43	1.76	3.02	0.95	0.46	-1.09	28.84169083
4369	-0.09	0.58	-0.27	-0.79	-1.37	0.27	1.09	-0.76	-0.01	-0.81	-1.19	0.03	-0.26	0.00	0.00	1.14	-1.29	-0.33	0.00	-0.07	1.71	0.11	-0.25	-0.33	-0.09	-0.24	0.40	-7.868674417
4370	0.20	0.81	-0.27	-0.79	-1.37	0.27	1.09	-0.73	-0.01	-1.35	-1.35	0.03	-0.26	0.00	0.00	1.14	-1.29	-0.33	0.00	-0.46	1.43	0.07	-0.25	-0.33	-0.09	-0.24	0.40	-8.636576648
4371	0.39	0.63	-0.10	-0.79	-1.37	1.33	1.09	-0.93	0.03	-1.17	-1.35	0.03	-0.24	0.00	0.00	1.14	-1.25	-0.33	0.00	-0.51	0.87	1.37	-0.25	-0.33	-0.09	-0.24	0.40	-3.520751501
4372	0.10	0.41	-0.42	-0.79	-1.37	0.27	1.09	-0.96	-0.88	-0.63	-0.79	0.03	-0.58	0.00	0.00	1.14	-2.21	-0.33	0.00	-0.11	1.15	0.24	-0.25	-0.33	-0.09	-0.24	0.40	-15.99107657
4373	0.44	-0.03	-0.35	-0.79	-1.02	0.27	1.09	-0.70	-0.39	-0.08	-1.13	0.03	-0.40	0.00	0.00	1.14	-1.69	-0.33	0.00	0.01	1.71	-0.34	0.00	-0.33	-0.09	0.46	-0.15	-16.47214056
4374	0.73	0.20	-0.35	-0.79	-1.02	0.27	1.09	-0.67	-0.39	-0.63	-1.29	0.03	-0.40	0.00	0.00	1.14	-1.70	-0.33	0.00	-0.38	1.43	-0.38	0.00	-0.33	-0.09	0.46	-0.15	-17.24004521
4375	0.93	0.03	-0.18	-0.79	-1.02	1.86	1.09	-0.86	0.55	-0.44	-0.88	0.03	-0.05	0.00	0.00	1.14	-0.70	-0.33	0.00	-0.10	1.43	1.47	0.00	-0.33	-0.09	0.46	-0.15	-10.26660505
4376	0.63	-0.20	-0.50	-0.79	-1.02	0.80	1.09	-0.90	-0.35	0.10	-0.72	0.03	-0.39	0.00	0.00	1.14	-1.66	-0.33	0.00	0.30	1.71	0.33	0.00	-0.33	-0.09	0.46	-0.15	-13.49698799
4377	-0.09	0.54	-0.17	0.80	-1.37	0.54	1.09	-0.76	0.08	-0.99	-1.19	0.03	-0.23	0.00	0.00	1.14	-1.20	-0.33	0.00	-0.14	1.71	0.25	-0.25	-0.33	-0.09	-0.24	0.31	3.466587801
4378	0.20	0.77	-0.17	0.80	-1.37	0.54	1.09	-0.73	0.07	-1.54	-1.35	0.03	-0.23	0.00	0.00	1.14	-1.20	-0.33	0.00	-0.53	1.43	0.22	-0.25	-0.33	-0.09	-0.24	0.31	2.698683521
4379	0.39	0.60	0.00	0.80	-1.37	1.60	1.09	-0.93	0.11	-1.35	-0.94	0.03	-0.21	0.00	0.00	1.14	-1.16	-0.33	0.00	-0.58	0.87	1.52	-0.25	-0.33	-0.09	-0.24	0.31	7.814510717
4380	0.10	0.37	-0.32	0.80	-1.37	0.54	1.09	-0.96	-0.79	-0.81	-0.79	0.03	-0.55	0.00	0.00	1.14	-2.12	-0.33	0.00	-0.18	1.15	0.39	-0.25	-0.33	-0.09	-0.24	0.31	-4.6558164
4381	0.44	-0.06	-0.25	0.80	-1.02	0.54	1.09	-0.70	-0.31	-0.26	-1.13	0.03	-0.37	0.00	0.00	1.14	-1.61	-0.33	0.00	-0.05	1.71	-0.19	0.00	-0.33	-0.09	0.46	-0.24	-5.136880392
4382	0.73	0.16	-0.25	0.80	-1.02	0.54	1.09	-0.67	-0.31	-0.81	-1.29	0.03	-0.37	0.00	0.00	1.14	-1.61	-0.33	0.00	-0.45	1.43	-0.23	0.00	-0.33	-0.09	0.46	-0.24	-5.90478504
4383	0.93	-0.01	-0.08	0.80	-1.02	2.13	1.09	-0.86	0.63	-0.63	-0.88	0.03	-0.02	0.00	0.00	1.14	-0.61	-0.33	0.00	-0.16	1.43	1.62	0.00	-0.33	-0.09	0.46	-0.24	10.30859966
4384	0.63	-0.24	-0.40	0.80	-1.02	1.07	1.09	-0.90	-0.27	-0.08	-0.72	0.03	-0.36	0.00	0.00	1.14	-1.57	-0.33	0.00	0.23	1.71	0.48	0.00	-0.33	-0.09	0.46	-0.24	-2.161725598
4385	0.14	-0.13	0.45	0.80	-1.02	1.07	1.09	-0.61	0.60	-0.63	-1.32	0.03	-0.03	0.00	0.00	1.14	-0.65	-0.33	0.00	0.00	1.71	0.45	-0.25	-0.33	-0.09	-0.24	-0.25	1.851771662
4386	0.44	0.09	0.45	0.80	-1.02	1.07	1.09	-0.58	0.60	-1.17	-1.48	0.03	-0.03	0.00	0.00	1.14	-0.65	-0.33	0.00	-0.40	1.43	0.41	-0.25	-0.33	-0.09	-0.24	-0.25	1.083867013
4387	0.63	-0.08	0.62	0.80	-1.02	2.13	1.09	-0.78	0.64	-0.99	-1.07	0.03	-0.02	0.00	0.00	1.14	-0.61	-0.33	0.00	-0.44	0.87	1.72	-0.25	-0.33	-0.09	-0.24	-0.25	6.199694577
4388	0.34	-0.31	0.30	0.80	-1.02	1.07	1.09	-0.81	-0.27	-0.44	-0.91	0.03	-0.36	0.00	0.00	1.14	-1.57	-0.33	0.00	-0.05	1.15	0.59	-0.25	-0.33	-0.09	-0.24	-0.25	-6.270632907
4389	0.68	-0.74	0.37	0.80	-0.68	1.07	1.09	-0.54	0.22	0.10	-1.26	0.03	-0.17	0.00	0.00	1.14	-1.05	-0.33	0.00	0.08	1.71	0.01	0.00	-0.33	-0.09	0.46	-0.80	-6.751696899
4390	0.97	-0.52	0.37	0.80	-0.68	1.07	1.09	-0.51	0.22	-0.44	-1.41	0.03	-0.17	0.00	0.00	1.14	-1.05	-0.33	0.00	-0.32	1.43	-0.03	0.00	-0.33	-0.09	0.46	-0.80	-7.519599498
4391	1.16	-0.69	0.55	0.80	-0.68	2.66	1.09	-0.71	1.16	-0.26	-1.01	0.03	0.18	0.00	0.00	1.14	-0.06	-0.33	0.00	-0.03	1.43	1.81	0.00	-0.33	-0.09	0.46	-0.80	8.693783156
4392	0.87	-0.91	0.23	0.80	-0.68	1.60	1.09	-0.74	0.25	0.28	-0.85	0.03	-0.16	0.00	0.00	1.14	-1.02	-0.33	0.00	0.36	1.71	0.68	0.00	-0.33	-0.09	0.46	-0.80	-3.776541912
4393	0.91	-1.34	1.69	0.00	1.06	1.07	1.09	0.03	1.68	0.10	-1.12	0.03	0.38	0.00	0.00	1.14	0.49	-0.33	0.00	0.89	1.71	1.37	1.26	-0.33	0.95	1.16	-1.34	16.56366386
4394	1.21	-1.12	1.69	0.00	1.06	1.07	1.09	0.06	1.67	-0.44	-1.28	0.03	0.37	0.00	0.00	1.14	0.49	-0.33	0.00	0.49	1.43	1.33	1.26	-0.33	0.95	1.16	-1.34	15.7957618
4395	1.40	-1.29	1.86	0.00	1.06	2.13	1.09	-0.13	1.71	-0.26	-0.87	0.03	0.39	0.00	0.00	1.14	0.53	-0.33	0.00	0.45	0.87	2.64	1.26	-0.33	0.95	1.16	-1.34	20.91158695
4396	1.10	-1.51	1.54	0.00	1.06	1.07	1.09	-0.17	0.81	0.28	-0.71	0.03	0.05	0.00	0.00	1.14	-0.43	-0.33	0.00	0.84	1.15	1.50	1.26	-0.33	0.95	1.16	-1.34	8.441261882
4397	1.56	-0.87	0.87	1.59	0.36	1.60	1.09	-0.45	0.82	0.65	-1.09	0.03	0.05	0.00	0.00	1.14	-0.42	-0.33	0.00	0.14	1.71	0.53	0.50	-0.33	-0.09	1.85	-1.33	10.56288354
4398	1.85	-0.64	0.87	1.59	0.36	1.60	1.09	-0.42	0.82	0.10	-1.25	0.03	0.05	0.00	0.00	1.14	-0.43	-0.33	0.00	-0.26	1.43	0.49	0.50	-0.33	-0.09	1.85	-1.33	9.794978895
4399	2.05	-0.82	1.04	1.59	0.36	3.19	1.09	-0.62	1.76	0.28	-0.84	0.03	0.40	0.00	0.00	1.14	0.57	-0.33	0.00	0.03	1.43	2.33	0.50	-0.33	-0.09	1.85	-1.33	26.00836341
4400	1.75	-1.04	0.72	1.59	0.36	2.13	1.09	-0.65	0.85	0.83	-0.69	0.03	0.06	0.00	0.00	1.14	-0.39	-0.33	0.00	0.42	1.71	1.20	0.50	-0.33	-0.09	1.85	-1.33	13.53803592
4401	1.03	-0.29	0.95	0.00	-0.68	1.60	1.09	-0.52	1.14	-0.88	-1.15	0.03	0.17	0.00	0.00	1.14	-0.08	-0.33	0.00	0.06	1.71	0.90	0.25	-0.33	-0.09	1.16	-0.81	6.198598781
4402	1.32	-0.07	0.95	0.00	-0.68	1.60	1.09	-0.49	1.14	-0.63	-1.31	0.03	0.17	0.00	0.00	1.14	-0.08	-0.33	0.00	-0.34	1.43	0.87	0.25	-0.33	-0.09	1.16	-0.81	5.430696721
4403	1.51	-0.24	1.12	0.00	-0.68	2.66	1.09	-0.68	1.18	-0.44	-0.91	0.03	0.19	0.00	0.00	1.14	-0.04	-0.33	0.00	-0.38	0.87	2.17	0.25	-0.33	-0.09	1.16	-0.81	10.5465217
4404	1.22	-0.47	0.80	0.00	-0.68	1.60	1.09	-0.71	0.27	0.10	-0.75	0.03	-0.15	0.00	0.00	1.14	-1.00	-0.33	0.00	0.01	1.15	1.04	0.25	-0.33	-0.09	1.16	-0.81	-1.923803198
4405	1.06	-0.94	0.75	-0.79	-1.37	0.54	1.0																					

4444	2.18	-2.31	1.84	-1.59	0.71	1.07	1.09	-0.31	1.05	1.19	-0.23	0.03	0.14	0.00	1.88	-1.08	-0.33	0.00	1.25	1.15	1.02	1.51	-0.33	0.95	1.85	-1.61	5.574860677
4445	2.63	-1.67	1.16	0.00	0.02	1.60	1.09	-0.60	1.06	1.56	-0.61	0.03	0.14	0.00	1.88	-1.07	-0.33	0.00	0.55	1.71	0.05	0.75	-0.33	-0.09	2.55	-1.59	3.453239574
4446	2.93	-1.44	1.16	0.00	0.02	1.60	1.09	-0.56	1.06	1.01	-0.77	0.03	0.14	0.00	1.88	-1.07	-0.33	0.00	0.15	1.43	0.01	0.75	-0.33	-0.09	2.55	-1.59	-4.221143666
4447	3.12	-1.62	1.33	0.00	0.02	3.19	1.09	-0.76	2.00	1.19	-0.36	0.03	0.49	0.00	1.88	-0.08	-0.33	0.00	0.44	1.43	1.86	0.75	-0.33	-0.09	2.55	-1.59	11.99224065
4448	2.82	-1.84	1.02	0.00	0.02	2.13	1.09	-0.79	1.10	1.74	-0.21	1.88	0.03	0.15	1.88	-1.03	-0.33	0.00	0.83	1.71	0.72	0.75	-0.33	-0.09	2.55	-1.59	-0.478084413
4449	2.10	-1.09	1.24	-1.59	-1.02	1.60	1.09	-0.66	1.38	0.83	-0.67	0.03	0.26	0.00	1.88	-0.72	-0.33	0.00	0.47	1.71	0.43	0.50	-0.33	-0.09	1.85	-1.07	-7.817521557
4450	2.40	-0.87	1.24	-1.59	-1.02	1.60	1.09	-0.63	1.38	0.28	-0.83	0.03	0.26	0.00	1.88	-0.73	-0.33	0.00	0.07	1.43	0.39	0.50	-0.33	-0.09	1.85	-1.07	-8.585425838
4451	2.59	-1.04	1.41	-1.59	-1.02	2.66	1.09	-0.83	1.42	0.46	-0.43	0.03	0.28	0.00	1.88	-0.69	-0.33	0.00	0.03	0.87	1.69	0.50	-0.33	-0.09	1.85	-1.07	-3.46959864
4452	2.29	-1.27	1.09	-1.59	-1.02	1.60	1.09	-0.86	0.51	1.01	-0.27	0.03	-0.06	0.00	1.88	-1.65	-0.33	0.00	0.42	1.15	0.56	0.50	-0.33	-0.09	1.85	-1.07	-15.93992576
4453	0.18	0.12	0.47	0.00	0.02	-1.05	-0.34	0.37	0.34	0.46	1.82	0.74	2.79	0.00	-0.70	1.30	3.02	0.00	1.59	-0.24	-0.19	0.50	3.02	-0.09	-0.24	0.02	44.10498412
4454	0.48	0.34	0.47	0.00	0.02	-1.05	-0.34	0.41	0.34	-0.08	1.67	0.74	2.79	0.00	-0.70	1.30	3.02	0.00	1.20	-0.51	-0.23	0.50	3.02	-0.09	-0.24	0.02	43.33707965
4455	0.67	0.17	0.64	0.00	0.02	0.01	-0.34	0.21	0.38	0.10	2.07	0.74	2.81	0.00	-0.70	1.34	3.02	0.00	1.15	-1.07	1.08	0.50	3.02	-0.09	-0.24	0.02	48.45290704
4456	0.37	-0.06	0.32	0.00	0.02	-1.05	-0.34	0.18	-0.53	0.65	2.23	0.74	2.47	0.00	-0.70	0.38	3.02	0.00	1.55	-0.79	-0.06	0.50	3.02	-0.09	-0.24	0.02	35.98258178
4457	0.71	-0.49	0.39	0.00	0.36	-1.05	-0.34	0.44	-0.05	1.19	1.89	0.74	2.65	0.00	-0.70	0.90	3.02	0.00	1.67	-0.24	-0.64	0.75	3.02	-0.09	0.46	-0.53	35.50151556
4458	1.01	-0.26	0.39	0.00	0.36	-1.05	-0.34	0.47	-0.05	0.65	0.36	0.74	2.65	0.00	-0.70	0.89	3.02	0.00	1.28	-0.51	-0.68	0.75	3.02	-0.09	0.46	-0.53	34.73361314
4459	1.20	-0.44	0.56	0.00	0.36	0.54	-0.34	0.27	0.90	0.83	2.13	0.74	3.00	0.00	-0.70	1.89	3.02	0.00	1.56	-0.51	1.17	0.75	3.02	-0.09	0.46	-0.53	50.94699579
4460	0.91	-0.66	0.24	0.00	0.36	-0.52	-0.34	0.24	-0.01	1.37	2.29	0.74	2.66	0.00	-0.70	0.93	3.02	0.00	1.96	-0.24	0.04	0.75	3.02	-0.09	0.46	-0.53	38.47667036
4461	-1.07	1.16	-0.58	0.00	-0.33	-1.58	-0.34	0.24	-0.54	-0.26	0.51	0.74	-0.45	0.00	-0.70	0.38	-0.33	0.00	1.34	-0.24	-0.29	-1.25	-0.33	-1.13	-0.24	0.97	0.717634913
4462	-0.77	1.38	-0.58	0.00	-0.33	-1.58	-0.34	0.27	-0.54	-0.81	0.35	0.74	-0.45	0.00	-0.70	0.38	-0.33	0.00	0.94	-0.51	-0.33	-1.25	-0.33	-1.13	-0.24	0.97	-0.050269736
4463	-0.58	1.21	-0.41	0.00	-0.33	-0.52	-0.34	0.07	-0.50	-0.63	0.76	0.74	-0.44	0.00	-0.70	0.42	-0.33	0.00	0.90	-1.07	0.98	-1.25	-0.33	-1.13	-0.24	0.97	5.06557829
4464	-0.88	0.98	-0.73	0.00	-0.33	-1.58	-0.34	0.04	-1.40	-0.08	0.91	0.74	-0.78	0.00	-0.70	-0.54	-0.33	0.00	1.29	-0.79	-0.15	-1.25	-0.33	-1.13	-0.24	0.97	-7.404769656
4465	-0.54	0.55	-0.66	0.00	0.02	-1.58	-0.34	0.31	-0.92	0.46	0.57	0.74	-0.60	0.00	-0.70	-0.03	-0.33	0.00	1.42	-0.24	-0.73	-1.00	-0.33	-1.13	0.46	0.42	-7.885833458
4466	-0.24	0.78	-0.66	0.00	0.02	-1.58	-0.34	0.34	-0.92	-0.08	0.41	0.74	-0.60	0.00	-0.70	-0.03	-0.33	0.00	1.02	-0.51	-0.77	-1.00	-0.33	-1.13	0.46	0.42	-8.653736056
4467	-0.05	0.60	-0.49	0.00	0.02	0.01	-0.34	0.14	0.02	0.10	0.82	0.74	-0.24	0.00	-0.70	0.97	-0.33	0.00	1.31	-0.51	1.07	-1.00	-0.33	-1.13	0.46	0.42	7.559646408
4468	-0.35	0.38	-0.80	0.00	0.02	-1.05	-0.34	0.11	-0.88	0.65	0.98	0.74	-0.58	0.00	-0.70	0.01	-0.33	0.00	1.70	-0.24	-0.06	-1.00	-0.33	-1.13	0.46	0.42	-4.910679027
4469	-1.07	1.12	-0.48	1.59	-0.33	-1.32	-0.34	0.24	-0.45	-0.44	0.51	0.74	-0.42	0.00	-0.70	0.46	-0.33	0.00	1.27	-0.24	-0.14	-1.25	-0.33	-1.13	-0.24	0.88	12.05289508
4470	-0.77	1.35	-0.48	1.59	-0.33	-1.32	-0.34	0.27	-0.46	-0.99	0.35	0.74	-0.42	0.00	-0.70	0.46	-0.33	0.00	0.87	-0.51	-0.18	-1.25	-0.33	-1.13	-0.24	0.88	11.28499248
4471	-0.58	1.17	-0.31	1.59	-0.33	-0.26	-0.34	0.07	-0.42	-0.81	0.76	0.74	-0.41	0.00	-0.70	0.50	-0.33	0.00	0.83	-1.07	1.13	-1.25	-0.33	-1.13	-0.24	0.88	16.400818
4472	-0.88	0.95	-0.63	1.59	-0.33	-1.32	-0.34	0.04	-1.32	-0.26	0.91	0.74	-0.75	0.00	-0.70	-0.46	-0.33	0.00	1.22	-0.79	-0.01	-1.25	-0.33	-1.13	-0.24	0.88	3.930492753
4473	-0.54	0.51	-0.56	1.59	0.02	-1.32	-0.34	0.31	-0.84	0.28	0.57	0.74	-0.57	0.00	-0.70	0.06	-0.33	0.00	1.35	-0.24	-0.59	-1.00	-0.33	-1.13	0.46	0.33	3.449428761
4474	-0.24	0.74	-0.56	1.59	0.02	-1.32	-0.34	0.34	-0.84	-0.26	0.41	0.74	-0.57	0.00	-0.70	0.06	-0.33	0.00	0.96	-0.51	-0.63	-1.00	-0.33	-1.13	0.46	0.33	2.681524113
4475	-0.05	0.57	-0.39	1.59	0.02	0.27	-0.34	0.14	0.11	-0.08	0.82	0.74	-0.21	0.00	-0.70	1.05	-0.33	0.00	1.24	-0.51	1.22	-1.00	-0.33	-1.13	0.46	0.33	18.89490882
4476	-0.35	0.34	-0.70	1.59	0.02	-0.79	-0.34	0.11	-0.80	0.46	0.98	0.74	-0.55	0.00	-0.70	0.10	-0.33	0.00	1.64	-0.24	0.09	-1.00	-0.33	-1.13	0.46	0.33	6.424581332
4477	-0.83	0.44	0.15	1.59	0.02	-0.79	-0.34	0.39	0.07	-0.08	0.38	0.74	-0.23	0.00	-0.70	1.02	-0.33	0.00	1.40	-0.24	0.06	-1.25	-0.33	-1.13	-0.24	0.32	10.43807857
4478	-0.54	0.67	0.14	1.59	0.02	-0.79	-0.34	0.43	0.07	-0.63	0.22	0.74	-0.23	0.00	-0.70	1.02	-0.33	0.00	1.01	-0.51	0.02	-1.25	-0.33	-1.13	-0.24	0.32	9.670175975
4479	-0.35	0.49	0.32	1.59	0.02	0.27	-0.34	0.23	0.11	-0.44	0.63	0.74	-0.21	0.00	-0.70	1.06	-0.33	0.00	0.96	-1.07	1.33	-1.25	-0.33	-1.13	-0.24	0.32	14.78600149
4480	-0.64	0.27	0.00	1.59	0.02	-0.79	-0.34	0.20	-0.80	0.10	0.79	0.74	-0.55	0.00	-0.70	0.10	-0.33	0.00	1.36	-0.79	0.19	-1.25	-0.33	-1.13	-0.24	0.32	2.315676055
4481	-0.30	-0.17	0.07	1.59	0.36	-0.79	-0.34	0.46	-0.31	0.65	0.44	0.74	-0.37	0.00	-0.70	0.61	-0.33	0.00	1.48	-0.24	-0.39	-1.00	-0.33	-1.13	0.46	-0.23	1.834612253
4482	-0.01	0.06	0.07	1.59	0.36	-0.79	-0.34	0.49	-0.31	0.10	0.29	0.74	-0.37	0.00	-0.70	0.61	-0.33	0.00	1.09	-0.51	-0.43	-1.00	-0.33	-1.13	0.46	-0.23	1.066707605
4483	0.19	-0.11	0.24	1.59	0.36	0.80	-0.34	0.29	0.63	0.28	0.69	0.74	-0.02	0.00	-0.70	1.61	-0.33	0.00	1.37	-0.51	1.42	-1.00	-0.33	-1.13	0.46	-0.23	17.28009212
4484	-0.11	-0.34	-0.08	1.59	0.36	-0.26	-0.34	0.26	-0.27	0.83	0.85	0.74	-0.36	0.00	-0.70	0.65	-0.33	0.00	1.77	-0.24	0.29	-1.00	-0.33	-1.13	0.46	-0.23	4.809765001
4485	-0.07	-0.77	1.38	0.80	2.10	-0.79	-0.34	1.04	1.15	0.65	0.58	0.74	0.18	0.00	-0.70	2.16	-0.33	0.00	2.29	-0.24	0.97	0.25	-0.33	-0.09	1.16	-0.78	25.14997282
4486	0.23	-0.54	1.38	0.80	2.10	-0.79	-0.34	1.07	1.15	0.10	0.42	0.74	0.18	0.00	-0.70	2.16	-0.33	0.00	1.90	-0.51	0.94	0.25	-0.33	-0.09	1.16	-0.78	24.38206871
4487	0.42	-0.71	1.56	0.80	2.10	0.27	-0.34	0.87	1.18	0.28	0.83	0.74	0.19	0.00	-0.70	2.20	-0.33	0.00	1.85	-1.07	2.24	0.25	-0.33	-0.09	1.16	-0.78	29.49789611
4488	0.12	-0.94	1.24	0.80	2.10	-0.79	-0.34	0.84	0.28	0.83	0.99	0.74	-0.15	0.00	-0.70	1.24	-0.33	0.00	2.25	-0.79	1.11	0.25	-0.33	-0.09	1.16	-0.78	17.02757084
4489	0.58	-0.29	0.56	2.39	1.40	-0.26	-0.34	0.56	0.29	1.19	0.61	0.74	-0.15	0.00	-0.70	1.24	-0.33	0.00	1.54	-0.24	0.13	-0.50	-0.33	-1.13	1.85	-0.76	19.14919046
4490	0.88	-0.07	0.56	2.39	1.40	-0.26	-0.34	0.59	0.29	0.65	0.45	0.74	-0.15	0.00	-0.70	1.24	-0.33	0.00	1.15	-0.51	0.09	-0.50					

4528	0.77	-0.28	-0.07	2.39	1.06	0.54	-0.34	0.21	-0.07	1.19	0.77	0.74	-0.28	0.00	0.00	-0.67	0.83	-0.33	0.00	1.80	-0.24	0.51	-0.50	-0.33	-1.13	1.85	0.20	20.82771224
4529	0.05	0.46	0.16	0.80	0.02	0.01	-0.34	0.34	0.22	0.28	0.30	0.74	-0.17	0.00	0.00	-0.67	1.14	-0.33	0.00	1.44	-0.24	0.21	-0.75	-0.33	-1.13	1.16	0.20	13.48827491
4530	0.35	0.69	0.16	0.80	0.02	0.01	-0.34	0.37	0.21	-0.26	0.15	0.74	-0.17	0.00	0.00	-0.67	1.13	-0.33	0.00	1.04	-0.51	0.17	-0.75	-0.33	-1.13	1.16	0.20	12.72037082
4531	0.54	0.52	0.33	0.80	0.02	1.07	-0.34	0.18	0.25	-0.08	0.55	0.74	-0.16	0.00	0.00	-0.67	1.17	-0.33	0.00	1.00	-1.07	1.48	-0.75	-0.33	-1.13	1.16	0.20	17.83619801
4532	0.24	0.29	0.01	0.80	0.02	0.01	-0.34	0.15	-0.65	0.46	0.71	0.74	-0.50	0.00	0.00	-0.67	0.22	-0.33	0.00	1.39	-0.79	0.34	-0.75	-0.33	-1.13	1.16	0.20	5.365872945
4533	0.18	0.23	0.18	0.00	0.02	-1.05	-0.34	0.37	0.11	0.28	1.42	0.74	2.71	0.00	0.00	-0.67	1.03	3.02	0.00	1.54	-0.24	-0.34	0.50	3.02	-0.09	-0.24	0.29	43.2301556
4534	0.48	0.45	0.18	0.00	0.02	-1.05	-0.34	0.41	0.10	-0.26	1.26	0.74	2.71	0.00	0.00	-0.67	1.02	3.02	0.00	1.15	-0.51	-0.38	0.50	3.02	-0.09	-0.24	0.29	42.46225095
4535	0.67	0.28	0.35	0.00	0.02	0.01	-0.34	0.21	0.14	-0.08	1.67	0.74	2.72	0.00	0.00	-0.67	1.06	3.02	0.00	1.10	-1.07	0.93	0.50	3.02	-0.09	-0.24	0.29	47.57807851
4536	0.37	0.05	0.03	0.00	0.02	-1.05	-0.34	0.18	-0.76	0.46	1.82	0.74	2.38	0.00	0.00	-0.67	0.11	3.02	0.00	1.50	-0.79	-0.21	0.50	3.02	-0.09	-0.24	0.29	35.10775103
4537	0.71	-0.38	0.10	0.00	0.36	-1.05	-0.34	0.44	-0.28	1.01	1.48	0.74	2.56	0.00	0.00	-0.67	0.62	3.02	0.00	1.62	-0.24	-0.79	0.75	3.02	-0.09	0.46	-0.26	34.62668704
4538	1.01	-0.15	0.10	0.00	0.36	-1.05	-0.34	0.47	-0.28	0.46	1.32	0.74	2.56	0.00	0.00	-0.67	0.62	3.02	0.00	1.23	-0.51	-0.83	0.75	3.02	-0.09	0.46	-0.26	33.85878239
4539	1.20	-0.33	0.27	0.00	0.36	0.54	-0.34	0.27	0.67	0.65	1.73	0.74	2.92	0.00	0.00	-0.67	1.61	3.02	0.00	1.51	-0.51	1.02	0.75	3.02	-0.09	0.46	-0.26	50.07216709
4540	0.91	-0.55	-0.04	0.00	0.36	-0.52	-0.34	0.24	-0.24	1.19	1.89	0.74	2.58	0.00	0.00	-0.67	0.66	3.02	0.00	1.91	-0.24	-0.11	0.75	3.02	-0.09	0.46	-0.26	37.60184166
4541	-1.07	1.27	-0.87	0.00	-0.33	-1.05	-0.34	0.24	-0.77	-0.44	0.10	0.74	-0.54	0.00	0.00	-0.67	0.10	-0.33	0.00	1.29	-0.24	-0.44	-1.25	-0.33	-1.13	-0.24	1.23	0.891474904
4542	-0.77	1.49	-0.87	0.00	-0.33	-1.05	-0.34	0.27	-0.77	-0.99	-0.05	0.74	-0.54	0.00	0.00	-0.67	0.10	-0.33	0.00	0.89	-0.51	-0.48	-1.25	-0.33	-1.13	-0.24	1.23	0.123572305
4543	-0.58	1.32	-0.70	0.00	-0.33	0.01	-0.34	0.07	-0.73	-0.81	0.35	0.74	-0.53	0.00	0.00	-0.67	0.14	-0.33	0.00	0.85	-1.07	0.83	-1.25	-0.33	-1.13	-0.24	1.23	5.239398011
4544	-0.88	1.09	-1.02	0.00	-0.33	-1.05	-0.34	0.04	-1.63	-0.26	0.51	0.74	-0.87	0.00	0.00	-0.67	-0.82	-0.33	0.00	1.24	-0.79	-0.31	-1.25	-0.33	-1.13	-0.24	1.23	-7.230927424
4545	-0.54	0.66	-0.95	0.00	0.02	-1.05	-0.34	0.31	-1.15	0.28	0.17	0.74	-0.68	0.00	0.00	-0.67	-0.31	-0.33	0.00	1.37	-0.24	-0.89	-1.00	-0.33	-1.13	0.46	0.68	-7.711991416
4546	-0.24	0.88	-0.95	0.00	0.02	-1.05	-0.34	0.34	-1.15	-0.26	0.01	0.74	-0.69	0.00	0.00	-0.67	-0.31	-0.33	0.00	0.97	-0.51	-0.92	-1.00	-0.33	-1.13	0.46	0.68	-8.479896066
4547	-0.05	0.71	-0.77	0.00	0.02	0.54	-0.34	0.14	-0.21	-0.08	0.41	0.74	-0.33	0.00	0.00	-0.67	0.69	-0.33	0.00	1.26	-0.51	0.92	-1.00	-0.33	-1.13	0.46	0.68	7.733488639
4548	-0.35	0.49	-1.09	0.00	0.02	-0.52	-0.34	0.11	-1.11	0.46	0.57	0.74	-0.67	0.00	0.00	-0.67	-0.27	-0.33	0.00	1.65	-0.24	-0.21	-1.00	-0.33	-1.13	0.46	0.68	-4.736838845
4549	-1.07	1.23	-0.77	1.59	-0.33	-0.79	-0.34	0.24	-0.68	-0.63	0.10	0.74	-0.51	0.00	0.00	-0.67	0.19	-0.33	0.00	1.22	-0.24	-0.29	-1.25	-0.33	-1.13	-0.24	1.14	12.22673731
4550	-0.77	1.46	-0.77	1.59	-0.33	-0.79	-0.34	0.27	-0.69	-1.17	-0.05	0.74	-0.51	0.00	0.00	-0.67	0.18	-0.33	0.00	0.82	-0.51	-0.33	-1.25	-0.33	-1.13	-0.24	1.14	11.45883266
4551	-0.58	1.28	-0.60	1.59	-0.33	0.27	-0.34	0.07	-0.65	-0.99	0.35	0.74	-0.50	0.00	0.00	-0.67	0.22	-0.33	0.00	0.78	-1.07	0.97	-1.25	-0.33	-1.13	-0.24	1.14	16.57466023
4552	-0.88	1.06	-0.91	1.59	-0.33	-0.79	-0.34	0.04	-1.55	-0.44	0.51	0.74	-0.84	0.00	0.00	-0.67	-0.73	-0.33	0.00	1.17	-0.79	-0.16	-1.25	-0.33	-1.13	-0.24	1.14	4.10432745
4553	-0.54	0.62	-0.85	1.59	0.02	-0.79	-0.34	0.31	-1.07	0.10	0.17	0.74	-0.65	0.00	0.00	-0.67	-0.22	-0.33	0.00	1.30	-0.24	-0.74	-1.00	-0.33	-1.13	0.46	0.59	3.623268753
4554	-0.24	0.85	-0.85	1.59	0.02	-0.79	-0.34	0.34	-1.07	-0.44	0.01	0.74	-0.65	0.00	0.00	-0.67	-0.22	-0.33	0.00	0.91	-0.51	-0.78	-1.00	-0.33	-1.13	0.46	0.59	2.855366153
4555	-0.05	0.68	-0.67	1.59	0.02	0.80	-0.34	0.14	-0.13	-0.26	0.41	0.74	-0.30	0.00	0.00	-0.67	0.77	-0.33	0.00	1.19	-0.51	1.07	-1.00	-0.33	-1.13	0.46	0.59	19.06874881
4556	-0.35	0.45	-0.99	1.59	0.02	-0.26	-0.34	0.11	-1.03	0.28	0.57	0.74	-0.64	0.00	0.00	-0.67	-0.18	-0.33	0.00	1.59	-0.24	-0.07	-1.00	-0.33	-1.13	0.46	0.59	6.598423373
4557	-0.83	0.55	-0.14	1.59	0.02	-0.26	-0.34	0.39	-0.16	-0.26	-0.02	0.74	-0.31	0.00	0.00	-0.67	0.74	-0.33	0.00	1.35	-0.24	-0.10	-1.25	-0.33	-1.13	-0.24	0.58	10.61192061
4558	-0.54	0.78	-0.14	1.59	0.02	-0.26	-0.34	0.43	-0.16	-0.81	-0.18	0.74	-0.31	0.00	0.00	-0.67	0.74	-0.33	0.00	0.96	-0.51	-0.13	-1.25	-0.33	-1.13	-0.24	0.58	9.844015966
4559	-0.35	0.60	0.03	1.59	0.02	0.80	-0.34	0.23	-0.12	-0.63	0.20	0.74	-0.30	0.00	0.00	-0.67	0.78	-0.33	0.00	0.91	-1.07	1.17	-1.25	-0.33	-1.13	-0.24	0.58	14.95984353
4560	-0.64	0.38	-0.29	1.59	0.02	-0.26	-0.34	0.20	-1.03	-0.08	0.38	0.74	-0.64	0.00	0.00	-0.67	-0.18	-0.33	0.00	1.31	-0.79	0.04	-1.25	-0.33	-1.13	-0.24	0.58	2.489518287
4561	-0.30	-0.06	-0.22	1.59	0.36	-0.26	-0.34	0.46	-0.54	0.46	0.04	0.74	-0.46	0.00	0.00	-0.67	0.33	-0.33	0.00	1.43	-0.24	-0.54	-1.00	-0.33	-1.13	0.46	0.03	2.008452244
4562	-0.01	0.17	-0.22	1.59	0.36	-0.26	-0.34	0.49	-0.54	-0.08	-0.12	0.74	-0.46	0.00	0.00	-0.67	0.33	-0.33	0.00	1.04	-0.51	-0.58	-1.00	-0.33	-1.13	0.46	0.03	1.240549645
4563	0.19	0.00	-0.05	1.59	0.36	1.33	-0.34	0.29	0.40	0.10	0.29	0.74	-0.10	0.00	0.00	-0.67	1.33	-0.33	0.00	1.32	-0.51	1.27	-1.00	-0.33	-1.13	0.46	0.03	17.4539323
4564	-0.11	-0.23	-0.37	1.59	0.36	0.27	-0.34	0.26	-0.51	0.65	0.44	0.74	-0.44	0.00	0.00	-0.67	0.37	-0.33	0.00	1.72	-0.24	0.13	-1.00	-0.33	-1.13	0.46	0.03	4.983607233
4565	-0.07	-0.66	1.10	0.80	2.10	-0.26	-0.34	1.04	0.92	0.46	0.18	0.74	0.09	0.00	0.00	-0.67	1.88	-0.33	0.00	2.24	-0.24	0.82	0.25	-0.33	-0.09	1.16	-0.51	25.32381486
4566	0.23	-0.43	1.10	0.80	2.10	-0.26	-0.34	1.07	0.91	-0.08	0.02	0.74	0.09	0.00	0.00	-0.67	1.88	-0.33	0.00	1.85	-0.51	0.78	0.25	-0.33	-0.09	1.16	-0.51	24.55591076
4567	0.42	-0.60	1.27	0.80	2.10	0.80	-0.34	0.87	0.95	0.10	0.42	0.74	0.10	0.00	0.00	-0.67	1.92	-0.33	0.00	1.80	-1.07	2.09	0.25	-0.33	-0.09	1.16	-0.51	29.67173834
4568	0.12	-0.83	0.95	0.80	2.10	-0.26	-0.34	0.84	0.05	0.65	0.58	0.74	-0.24	0.00	0.00	-0.67	0.96	-0.33	0.00	2.20	-0.79	0.95	0.25	-0.33	-0.09	1.16	-0.51	17.20141103
4569	0.58	-0.18	0.28	2.39	1.40	0.27	-0.34	0.56	0.06	1.01	0.20	0.74	-0.23	0.00	0.00	-0.67	0.96	-0.33	0.00	1.49	-0.24	-0.02	-0.50	-0.33	-1.13	1.85	-0.50	19.32303232
4570	0.88	0.04	0.27	2.39	1.40	0.27	-0.34	0.59	0.06	0.46	0.05	0.74	-0.23	0.00	0.00	-0.67	0.96	-0.33	0.00	1.10	-0.51	-0.06	-0.50	-0.33	-1.13	1.85	-0.50	18.5512785
4571	1.07	-0.13	0.45	2.39	1.40	1.86	-0.34	0.39	1.00	0.65	0.45	0.74	0.12	0.00	0.00	-0.67	1.96	-0.33	0.00	1.38	-0.51	1.79	-0.50	-0.33	-1.13	1.85	-0.50	34.76851255
4572	0.77	-0.36	0.13	2.39	1.40	0.80	-0.34	0.36	0.09	1.19	0.61	0.74	-0.22	0.00	0.00	-0.67	1.00	-0.33	0.00	1.78	-0.24	0.65	-0.50	-0.33	-1.13	1.85	-0.50	22.29818507
4573	0.05	0.39	0.35	0.80	0.36	0.27																						

4612	0.96	-1.03	-0.08	0.00	0.02	-0.26	-0.34	0.12	-0.26	1.56	0.92	0.74	-0.35	0.00	0.00	0.08	-0.28	-0.33	0.00	2.13	-0.24	-0.34	-0.75	-0.33	-1.13	1.16	0.23	10.08266177
4613	1.01	-1.46	1.39	-0.79	1.75	-0.79	-0.34	0.89	1.16	1.37	0.66	0.74	0.18	0.00	0.00	0.08	1.23	-0.33	0.00	2.65	-0.24	0.34	0.50	-0.33	-0.09	1.85	-0.78	10.25754642
4614	1.30	-1.23	1.39	-0.79	1.75	-0.79	-0.34	0.92	1.16	0.83	0.50	0.74	0.18	0.00	0.00	0.08	1.23	-0.33	0.00	2.26	-0.51	0.31	0.50	-0.33	-0.09	1.85	-0.78	9.489642137
4615	1.49	-1.40	1.56	-0.79	1.75	0.27	-0.34	0.72	1.19	1.01	0.90	0.74	0.20	0.00	0.00	0.08	1.27	-0.33	0.00	2.21	-1.07	1.61	0.50	-0.33	-0.09	1.85	-0.78	14.60546933
4616	1.20	-1.63	1.24	-0.79	1.75	-0.79	-0.34	0.69	0.29	1.56	1.06	0.74	-0.14	0.00	0.00	0.08	0.31	-0.33	0.00	2.61	-0.79	0.48	0.50	-0.33	-0.09	1.85	-0.78	2.135144441
4617	1.66	-0.98	0.57	0.80	1.06	-0.26	-0.34	0.41	0.30	1.92	0.68	0.74	-0.14	0.00	0.00	0.08	0.31	-0.33	0.00	1.90	-0.24	-0.50	-0.25	-0.33	-1.13	2.55	-0.76	4.256763878
4618	1.95	-0.76	0.57	0.80	1.06	-0.26	-0.34	0.44	0.30	1.37	0.53	0.74	-0.14	0.00	0.00	0.08	0.31	-0.33	0.00	1.51	-0.51	-0.54	-0.25	-0.33	-1.13	2.55	-0.76	3.488861452
4619	2.14	-0.93	0.74	0.80	1.06	1.33	-0.34	0.24	1.24	1.56	0.93	0.74	0.21	0.00	0.00	0.08	1.31	-0.33	0.00	1.79	-0.51	1.31	-0.25	-0.33	-1.13	2.55	-0.76	19.70224411
4620	1.85	-1.16	0.42	0.80	1.06	0.27	-0.34	0.21	0.34	2.10	1.09	0.74	-0.13	0.00	0.00	0.08	0.35	-0.33	0.00	2.19	-0.24	0.17	-0.25	-0.33	-1.13	2.55	-0.76	7.231918672
4621	1.12	-0.41	0.65	-0.79	0.02	-0.26	-0.34	0.34	0.62	1.19	0.62	0.74	-0.02	0.00	0.00	0.08	0.66	-0.33	0.00	1.82	-0.24	-0.12	-0.50	-0.33	-1.13	1.85	-0.24	-0.107518662
4622	1.42	-0.18	0.65	-0.79	0.02	-0.26	-0.34	0.37	0.62	0.65	0.46	0.74	-0.02	0.00	0.00	0.08	0.66	-0.33	0.00	1.43	-0.51	-0.16	-0.50	-0.33	-1.13	1.85	-0.24	-0.875422943
4623	1.61	-0.35	0.82	-0.79	0.02	0.80	-0.34	0.18	0.66	0.83	0.87	0.74	-0.01	0.00	0.00	0.08	0.70	-0.33	0.00	1.38	-1.07	1.15	-0.50	-0.33	-1.13	1.85	-0.24	4.240404254
4624	1.32	-0.58	0.50	-0.79	0.02	-0.26	-0.34	0.15	-0.25	1.37	1.03	0.74	-0.35	0.00	0.00	0.08	-0.26	-0.33	0.00	1.78	-0.79	0.01	-0.50	-0.33	-1.13	1.85	-0.24	-8.229922863
4625	-0.11	0.35	-0.15	-1.59	0.02	-1.32	-0.34	1.03	-0.16	0.46	2.43	0.74	2.61	0.00	0.00	-1.24	1.44	3.02	0.00	1.57	-0.24	-0.38	0.00	3.02	-0.61	-0.24	0.59	34.39687464
4626	0.18	0.58	-0.15	-1.59	0.02	-1.32	-0.34	1.06	-0.16	-0.08	2.27	0.74	2.61	0.00	0.00	-1.24	1.43	3.02	0.00	1.18	-0.51	-0.41	0.00	3.02	-0.61	-0.24	0.59	33.62897204
4627	0.37	0.41	0.02	-1.59	0.02	-0.26	-0.34	0.86	-0.12	0.10	2.68	0.74	2.62	0.00	0.00	-1.24	1.47	3.02	0.00	1.13	-1.07	0.89	0.00	3.02	-0.61	-0.24	0.59	38.74479755
4628	0.08	0.18	-0.30	-1.59	0.02	-1.32	-0.34	0.83	-1.03	0.65	2.84	0.74	2.28	0.00	0.00	-1.24	0.52	3.02	0.00	1.53	-0.79	-0.24	0.00	3.02	-0.61	-0.24	0.59	26.27447212
4629	0.42	-0.25	-0.23	-1.59	0.36	-1.32	-0.34	1.10	-0.54	1.19	2.49	0.74	2.46	0.00	0.00	-1.24	1.03	3.02	0.00	1.65	-0.24	-0.82	0.25	3.02	-0.61	0.46	0.04	25.79340832
4630	0.71	-0.03	-0.23	-1.59	0.36	-1.32	-0.34	1.13	-0.55	0.65	2.34	0.74	2.46	0.00	0.00	-1.24	1.03	3.02	0.00	1.26	-0.51	-0.86	0.25	3.02	-0.61	0.46	0.04	25.02550367
4631	0.90	-0.20	-0.06	-1.59	0.36	0.27	-0.34	0.93	0.40	0.83	2.74	0.74	2.82	0.00	0.00	-1.24	2.02	3.02	0.00	1.54	-0.51	0.99	0.25	3.02	-0.61	0.46	0.04	41.23888837
4632	0.61	-0.43	-0.38	-1.59	0.36	-0.79	-0.34	0.90	-0.51	1.37	2.90	0.74	2.48	0.00	0.00	-1.24	1.07	3.02	0.00	1.94	-0.24	-0.15	0.25	3.02	-0.61	0.46	0.04	28.76856143
4633	-1.37	1.39	-1.20	-1.59	-0.33	-1.85	-0.34	0.90	-1.03	-0.26	1.12	0.74	-0.64	0.00	0.00	-1.24	0.51	-0.33	0.00	1.32	-0.24	-0.47	-1.75	-0.33	-1.65	-0.24	1.54	-8.990474556
4634	-1.07	1.62	-1.20	-1.59	-0.33	-1.85	-0.34	0.93	-1.04	-0.81	0.96	0.74	-0.64	0.00	0.00	-1.24	0.51	-0.33	0.00	0.92	-0.51	-0.51	-1.75	-0.33	-1.65	-0.24	1.54	-9.758376982
4635	-0.88	1.45	-1.03	-1.59	-0.33	-0.79	-0.34	0.73	-1.00	-0.63	1.36	0.74	-0.63	0.00	0.00	-1.24	0.55	-0.33	0.00	0.88	-1.07	0.79	-1.75	-0.33	-1.65	-0.24	1.54	-4.64255164
4636	-1.17	1.22	-1.35	-1.59	-0.33	-1.85	-0.34	0.70	-1.90	-0.08	1.52	0.74	-0.97	0.00	0.00	-1.24	-0.41	-0.33	0.00	1.27	-0.79	-0.34	-1.75	-0.33	-1.65	-0.24	1.54	-17.1128769
4637	-0.84	0.79	-1.28	-1.59	0.02	-1.85	-0.34	0.96	-1.42	0.46	1.18	0.74	-0.78	0.00	0.00	-1.24	0.11	-0.33	0.00	1.40	-0.24	-0.92	-1.50	-0.33	-1.65	0.46	0.99	-17.59394089
4638	-0.54	1.01	-1.28	-1.59	0.02	-1.85	-0.34	0.99	-1.42	-0.08	1.02	0.74	-0.79	0.00	0.00	-1.24	0.10	-0.33	0.00	1.00	-0.51	-0.96	-1.50	-0.33	-1.65	0.46	0.99	-18.36184554
4639	-0.35	0.84	-1.11	-1.59	0.02	-0.26	-0.34	0.80	-0.48	0.10	1.43	0.74	-0.43	0.00	0.00	-1.24	1.10	-0.33	0.00	1.29	-0.51	0.89	-1.50	-0.33	-1.65	0.46	0.99	-2.148460838
4640	-0.64	0.61	-1.43	-1.59	0.02	-1.32	-0.34	0.77	-1.38	0.65	1.58	0.74	-0.77	0.00	0.00	-1.24	0.14	-0.33	0.00	1.68	-0.24	-0.25	-1.50	-0.33	-1.65	0.46	0.99	-14.61878796
4641	-1.37	1.36	-1.10	0.00	-0.33	-1.58	-0.34	0.90	-0.95	-0.44	1.12	0.74	-0.61	0.00	0.00	-1.24	0.60	-0.33	0.00	1.25	-0.24	-0.33	-1.75	-0.33	-1.65	-0.24	1.45	2.344787836
4642	-1.07	1.58	-1.10	0.00	-0.33	-1.58	-0.34	0.93	-0.95	-0.99	0.96	0.74	-0.61	0.00	0.00	-1.24	0.60	-0.33	0.00	0.85	-0.51	-0.37	-1.75	-0.33	-1.65	-0.24	1.45	1.576883187
4643	-0.88	1.41	-0.93	0.00	-0.33	-1.52	-0.34	0.73	-0.91	-0.81	1.36	-0.74	-0.60	0.00	0.00	-1.24	0.64	-0.33	0.00	0.81	-1.07	0.94	-1.75	-0.33	-1.65	-0.24	1.45	6.692710752
4644	-1.17	1.18	-1.25	0.00	-0.33	-1.58	-0.34	0.70	-1.82	-0.26	1.52	0.74	-0.94	0.00	0.00	-1.24	-0.32	-0.33	0.00	1.20	-0.79	-0.19	-1.75	-0.33	-1.65	-0.24	1.45	-5.777616733
4645	-0.84	0.75	-1.18	0.00	0.02	-1.58	-0.34	0.96	-1.34	0.28	1.18	0.74	-0.75	0.00	0.00	-1.24	0.19	-0.33	0.00	1.33	-0.24	-0.77	-1.50	-0.33	-1.65	0.46	0.90	-6.258680725
4646	-0.54	0.97	-1.18	0.00	0.02	-1.58	-0.34	0.99	-1.34	-0.26	1.02	0.74	-0.76	0.00	0.00	-1.24	0.19	-0.33	0.00	0.94	-0.51	-0.81	-1.50	-0.33	-1.65	0.46	0.90	-7.026585183
4647	-0.35	0.80	-1.01	0.00	0.02	0.01	-0.34	0.80	-0.39	-0.08	1.43	0.74	-0.40	0.00	0.00	-1.24	1.19	-0.33	0.00	1.22	-0.51	1.04	-1.50	-0.33	-1.65	0.46	0.90	9.186799331
4648	-0.64	0.58	-1.33	0.00	0.02	-1.05	-0.34	0.77	-1.30	0.46	1.58	0.74	-0.74	0.00	0.00	-1.24	0.23	-0.33	0.00	1.61	-0.24	-0.10	-1.50	-0.33	-1.65	0.46	0.90	-3.283525737
4649	-1.13	0.68	-0.48	0.00	0.02	-1.05	-0.34	1.05	-0.43	-0.08	0.99	0.74	-0.41	0.00	0.00	-1.24	1.15	-0.33	0.00	1.38	-0.24	-0.13	-1.75	-0.33	-1.65	-0.24	0.89	0.729971155
4650	-0.83	0.90	-0.48	0.00	0.02	-1.05	-0.34	1.08	-0.43	-0.63	0.83	0.74	-0.41	0.00	0.00	-1.24	1.15	-0.33	0.00	0.99	-0.51	-0.17	-1.75	-0.33	-1.65	-0.24	0.89	-0.037933321
4651	-0.64	0.73	-0.30	0.00	0.02	0.01	-0.34	0.88	-0.39	-0.44	1.24	0.74	-0.40	0.00	0.00	-1.24	1.19	-0.33	0.00	0.94	-1.07	1.14	-1.75	-0.33	-1.65	-0.24	0.89	5.077894071
4652	-0.94	0.51	-0.62	0.00	0.02	-1.05	-0.34	0.85	-1.30	0.10	1.39	0.74	-0.74	0.00	0.00	-1.24	0.23	-0.33	0.00	1.33	-0.79	0.01	-1.75	-0.33	-1.65	-0.24	0.89	-7.392432873
4653	-0.60	0.07	-0.56	0.00	0.36	-1.05	-0.34	1.12	-0.81	0.65	1.05	0.74	-0.56	0.00	0.00	-1.24	0.75	-0.33	0.00	1.46	-0.24	-0.57	-1.50	-0.33	-1.65	0.46	0.33	-7.873497406
4654	-0.30	0.30	-0.56	0.00	0.36	-1.05	-0.34	1.15	-0.81	0.10	0.89	0.74	-0.56	0.00	0.00	-1.24	0.75	-0.33	0.00	1.07	-0.51	-0.61	-1.50	-0.33	-1.65	0.46	0.33	-8.641401513
4655	-0.11	0.12	-0.38	0.00	0.36	0.54	-0.34	0.95	0.13	0.28	1.30	0.74	-0.20	0.00	0.00	-1.24	1.74	-0.33	0.00	1.35	-0.51	1.23	-1.50	-0.33	-1.65	0.46	0.33	7.571982823
4656	-0.41	-0.10	-0.70	0.00	0.36	-0.52	-0.34	0.92	-0.77	0.83	1.46	0.74	-0.54	0.00	0.00	-1.24	0.78	-0.33	0.00	1.75	-0.24	0.10	-1.50	-0.33	-1.65	0.46	0.33	-4.898342245
4657	-0.36	-0.53	0.76	-0.79	2.10	-1.05																						

4696	-0.17	-0.52	0.13	-0.79	1.75	-1.32	-0.34	1.35	-0.62	0.65	1.35	0.74	-0.48	0.00	0.00	-1.21	0.92	-0.33	0.00	2.20	-0.79	0.62	-0.25	-0.33	-0.61	1.16	1.85	0.24	4.965160809
4697	0.28	0.13	-0.54	0.80	1.06	-0.79	-0.34	1.07	-0.60	1.01	0.97	0.74	-0.48	0.00	0.00	-1.21	0.92	-0.33	0.00	1.50	-0.24	-0.35	-1.00	-0.33	-1.65	1.85	0.24	7.086782278	
4698	0.58	0.35	-0.54	0.80	1.06	-0.79	-0.34	1.10	-0.61	0.46	0.81	0.74	-0.48	0.00	0.00	-1.21	0.92	-0.33	0.00	1.10	-0.51	-0.39	-1.00	-0.33	-1.65	1.85	0.24	6.31887763	
4699	0.77	0.18	-0.37	0.80	1.06	0.80	-0.34	0.90	0.34	0.65	1.22	0.74	-0.13	0.00	0.00	-1.21	1.92	-0.33	0.00	1.39	-0.51	1.46	-1.00	-0.33	-1.65	1.85	0.24	22.53226234	
4700	0.48	-0.05	-0.69	0.80	1.06	-0.26	-0.34	0.87	-0.57	1.19	1.38	0.74	-0.47	0.00	0.00	-1.21	0.96	-0.33	0.00	1.78	-0.24	0.32	-1.00	-0.33	-1.65	1.85	0.24	10.06193502	
4701	-0.25	0.70	-0.46	-0.79	0.02	-0.79	-0.34	1.00	-0.28	0.28	0.91	0.74	-0.36	0.00	0.00	-1.21	1.27	-0.33	0.00	1.41	-0.24	0.03	-1.25	-0.33	-1.65	1.16	0.77	2.722497879	
4702	0.05	0.93	-0.46	-0.79	0.02	-0.79	-0.34	1.03	-0.29	-0.26	0.75	0.74	-0.36	0.00	0.00	-1.21	1.27	-0.33	0.00	1.02	-0.51	-0.01	-1.25	-0.33	-1.65	1.16	0.77	1.954595648	
4703	0.24	0.76	-0.29	-0.79	0.02	0.27	-0.34	0.83	-0.25	-0.08	1.16	0.74	-0.35	0.00	0.00	-1.21	1.31	-0.33	0.00	0.97	-1.07	1.29	-1.25	-0.33	-1.65	1.16	0.77	7.070421163	
4704	-0.05	0.53	-0.61	-0.79	0.02	-0.79	-0.34	0.80	-1.15	0.46	1.32	0.74	-0.69	0.00	0.00	-1.21	0.35	-0.33	0.00	1.37	-0.79	0.16	-1.25	-0.33	-1.65	1.16	0.77	-5.399904272	
4705	-0.11	0.46	-0.44	-1.59	0.02	-1.85	-0.34	1.03	-0.39	0.28	2.03	0.74	2.52	0.00	0.00	-1.21	1.16	3.02	0.00	1.52	-0.24	-0.53	0.00	3.02	-0.61	-0.24	0.86	32.46437838	
4706	0.18	0.69	-0.44	-1.59	0.02	-1.85	-0.34	1.06	-0.39	-0.26	1.87	0.74	2.52	0.00	0.00	-1.21	1.16	3.02	0.00	1.13	-0.51	-0.57	0.00	3.02	-0.61	-0.24	0.86	31.69647373	
4707	0.37	0.52	-0.27	-1.59	0.02	-0.79	-0.34	0.86	-0.35	-0.08	2.27	0.74	2.53	0.00	0.00	-1.21	1.20	3.02	0.00	1.08	-1.07	0.74	0.00	3.02	-0.61	-0.24	0.86	36.8123013	
4708	0.08	0.29	-0.59	-1.59	0.02	-1.85	-0.34	0.83	-1.26	0.46	2.43	0.74	2.19	0.00	0.00	-1.21	0.24	3.02	0.00	1.48	-0.79	-0.39	0.00	3.02	-0.61	-0.24	0.86	24.34197586	
4709	0.42	-0.14	-0.52	-1.59	0.36	-1.85	-0.34	1.10	-0.77	1.01	2.09	0.74	2.38	0.00	0.00	-1.21	0.75	3.02	0.00	1.60	-0.24	-0.97	0.25	3.02	-0.61	0.46	0.30	23.86090982	
4710	0.71	0.08	-0.52	-1.59	0.36	-1.85	-0.34	1.13	-0.78	0.46	2.38	0.74	2.38	0.00	0.00	-1.21	0.75	3.02	0.00	1.21	-0.51	-1.01	0.25	3.02	-0.61	0.46	0.30	23.09300722	
4711	0.90	-0.09	-0.35	-1.59	0.36	-0.26	-0.34	0.93	0.17	0.65	2.34	0.74	2.73	0.00	0.00	-1.21	1.75	3.02	0.00	1.49	-0.51	0.84	0.25	3.02	-0.61	0.46	0.30	39.30638988	
4712	0.61	-0.32	-0.67	-1.59	0.36	-1.32	-0.34	0.90	-0.74	1.19	2.49	0.74	2.39	0.00	0.00	-1.21	0.79	3.02	0.00	1.89	-0.24	-0.30	0.25	3.02	-0.61	0.46	0.30	26.83606481	
4713	-1.37	1.50	-1.49	-1.59	-0.33	-1.85	-0.34	0.90	-1.27	-0.44	0.71	0.74	-0.73	0.00	0.00	-1.21	0.23	-0.33	0.00	1.27	-0.24	-0.63	-1.75	-0.33	-1.65	-0.24	1.80	-9.874300437	
4714	-1.07	1.73	-1.49	-1.59	-0.33	-1.85	-0.34	0.93	-1.27	-0.99	0.55	0.74	-0.73	0.00	0.00	-1.21	0.23	-0.33	0.00	0.87	-0.51	-0.66	-1.75	-0.33	-1.65	-0.24	1.80	-10.64220472	
4715	-0.88	1.56	-1.32	-1.59	-0.33	-0.79	-0.34	0.73	-1.23	-0.81	0.96	0.74	-0.71	0.00	0.00	-1.21	0.27	-0.33	0.00	0.83	-1.07	0.64	-1.75	-0.33	-1.65	-0.24	1.80	-5.526377157	
4716	-1.17	1.33	-1.64	-1.59	-0.33	-1.85	-0.34	0.70	-2.13	-0.26	1.12	0.74	-1.05	0.00	0.00	-1.21	-0.69	-0.33	0.00	1.22	-0.79	-0.49	-1.75	-0.33	-1.65	-0.24	1.80	-17.99670464	
4717	-0.84	0.90	-1.57	-1.59	0.02	-1.85	-0.34	0.96	-1.65	0.28	0.77	0.74	-0.87	0.00	0.00	-1.21	-0.17	-0.33	0.00	1.35	-0.24	-1.07	-1.50	-0.33	-1.65	0.46	1.25	-18.4776863	
4718	-0.54	1.12	-1.57	-1.59	0.02	-1.85	-0.34	0.99	-1.65	-0.26	0.62	0.74	-0.87	0.00	0.00	-1.21	-0.18	-0.33	0.00	0.95	-0.51	-1.11	-1.50	-0.33	-1.65	0.46	1.25	-19.24567123	
4719	-0.35	0.95	-1.40	-1.59	0.02	-0.26	-0.34	0.80	-0.71	-0.08	1.02	0.74	-0.52	0.00	0.00	-1.21	0.82	-0.33	0.00	1.24	-0.51	0.74	-1.50	-0.33	-1.65	0.46	1.25	-3.032288578	
4720	-0.64	0.72	-1.72	-1.59	0.02	-1.32	-0.34	0.77	-1.61	0.46	1.18	0.74	-0.86	0.00	0.00	-1.21	-0.14	-0.33	0.00	1.63	-0.24	-0.40	-1.50	-0.33	-1.65	0.46	1.25	-15.50261365	
4721	-1.37	1.47	-1.39	0.00	-0.33	-1.58	-0.34	0.90	-1.18	-0.63	0.71	0.74	-0.70	0.00	0.00	-1.21	0.32	-0.33	0.00	1.20	-0.24	-0.48	-1.75	-0.33	-1.65	-0.24	1.71	1.460960095	
4722	-1.07	1.69	-1.39	0.00	-0.33	-1.58	-0.34	0.93	-1.19	-1.17	0.55	0.74	-0.70	0.00	0.00	-1.21	0.32	-0.33	0.00	0.80	-0.51	-0.52	-1.75	-0.33	-1.65	-0.24	1.71	0.693057496	
4723	-0.88	1.52	-1.22	0.00	-0.33	-0.52	-0.34	0.73	-1.15	-0.99	0.96	0.74	-0.68	0.00	0.00	-1.21	0.36	-0.33	0.00	0.76	-1.07	0.79	-1.75	-0.33	-1.65	-0.24	1.71	5.808883012	
4724	-1.17	1.29	-1.54	0.00	-0.33	-1.58	-0.34	0.70	-2.05	-0.44	1.12	0.74	-1.02	0.00	0.00	-1.21	-0.60	-0.33	0.00	1.15	-0.79	-0.35	-1.75	-0.33	-1.65	-0.24	1.71	-6.661442423	
4725	-0.84	0.86	-1.47	0.00	0.02	-1.58	-0.34	0.96	-1.57	0.10	0.77	0.74	-0.84	0.00	0.00	-1.21	-0.09	-0.33	0.00	1.28	-0.24	-0.93	-1.50	-0.33	-1.65	0.46	1.16	-7.142506415	
4726	-0.54	1.08	-1.47	0.00	0.02	-1.58	-0.34	0.99	-1.57	-0.44	0.62	0.74	-0.84	0.00	0.00	-1.21	-0.09	-0.33	0.00	0.89	-0.51	-0.96	-1.50	-0.33	-1.65	0.46	1.16	-7.910411064	
4727	-0.35	0.91	-1.30	0.00	0.02	0.01	-0.34	0.80	-0.62	-0.26	1.02	0.74	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	1.17	-0.51	0.88	-1.50	-0.33	-1.65	0.46	1.16	8.302973641	
4728	-0.64	0.69	-1.62	0.00	0.02	-1.05	-0.34	0.77	-1.53	0.28	1.18	0.74	-0.83	0.00	0.00	-1.21	-0.05	-0.33	0.00	1.56	-0.24	-0.25	-1.50	-0.33	-1.65	0.46	1.16	-4.167353477	
4729	-1.13	0.79	-0.77	0.00	0.02	-1.05	-0.34	1.05	-0.66	-0.26	0.58	0.74	-0.50	0.00	0.00	-1.21	0.87	-0.33	0.00	1.33	-0.24	-0.28	-1.75	-0.33	-1.65	-0.24	1.15	-0.153856776	
4730	-0.83	1.01	-0.77	0.00	0.02	-1.05	-0.34	1.08	-0.66	-0.81	0.43	0.74	-0.50	0.00	0.00	-1.21	0.87	-0.33	0.00	0.94	-0.51	-0.32	-1.75	-0.33	-1.65	-0.24	1.15	-0.921759202	
4731	-0.64	0.84	-0.59	0.00	0.02	0.01	-0.34	0.88	-0.62	-0.63	0.83	0.74	-0.49	0.00	0.00	-1.21	0.91	-0.33	0.00	0.89	-1.07	0.99	-1.75	-0.33	-1.65	-0.24	1.15	4.194066505	
4732	-0.94	0.62	-0.91	0.00	0.02	-1.05	-0.34	0.85	-1.53	-0.08	0.99	0.74	-0.83	0.00	0.00	-1.21	-0.05	-0.33	0.00	1.28	-0.79	-0.15	-1.75	-0.33	-1.65	-0.24	1.15	-8.276258563	
4733	-0.60	0.18	-0.84	0.00	0.36	-1.05	-0.34	1.12	-1.04	0.46	0.65	0.74	-0.64	0.00	0.00	-1.21	0.47	-0.33	0.00	1.41	-0.24	-0.73	-1.50	-0.33	-1.65	0.46	0.60	-8.757322923	
4734	-0.30	0.41	-0.85	0.00	0.36	-1.05	-0.34	1.15	-1.04	-0.08	0.49	0.74	-0.65	0.00	0.00	-1.21	0.47	-0.33	0.00	1.02	-0.51	-0.76	-1.50	-0.33	-1.65	0.46	0.60	-9.525227204	
4735	-0.11	0.23	-0.67	0.00	0.36	0.54	-0.34	0.95	-0.10	0.10	0.89	0.74	-0.29	0.00	0.00	-1.21	1.46	-0.33	0.00	1.30	-0.51	1.08	-1.50	-0.33	-1.65	0.46	0.60	6.688157133	
4736	-0.41	0.01	-0.99	0.00	0.36	-0.52	-0.34	0.92	-1.00	0.65	1.05	0.74	-0.63	0.00	0.00	-1.21	0.51	-0.33	0.00	1.70	-0.24	-0.05	-1.50	-0.33	-1.65	0.46	0.60	-5.782169984	
4737	-0.36	-0.42	0.47	-0.79	2.10	-1.05	-0.34	1.69	0.42	0.46	0.78	0.74	-0.10	0.00	0.00	-1.21	2.01	-0.33	0.00	2.22	-0.24	0.64	-0.25	-0.33	-0.61	1.16	0.05	14.55803801	
4738	-0.07	-0.19	0.47	-0.79	2.10	-1.05	-0.34	1.72	0.42	-0.08	0.63	0.74	-0.10	0.00	0.00	-1.21	2.01	-0.33	0.00	1.83	-0.51	0.60	-0.25	-0.33	-0.61	1.16	0.05	13.79013337	
4739	0.12	-0.37	0.65	-0.79	2.10	0.01	-0.34	1.53	0.45	0.10	1.03	0.74	-0.08	0.00	0.00	-1.21	2.05	-0.33	0.00	1.78	-1.07	1.90	-0.25	-0.33	-0.61	1.16	0.05	18.90596112	
4740	-0.17	-0.59	0.33	-0.79	2.10	-1.05	-0.34	1.49	-0.45	0.65	1.19	0.74	-0.42	0.00	0.00	-1.21	1.09	-0.33	0.00	2.18	-0.79	0.77	-0.25	-0.33	-0.61	1.16	0.05	6.435635859	
4741	0.28	0.05	-0.35	0.80	1.40																								

4780	-0.41	-1.02	0.43	0.80	0.71	-0.52	-0.34	-0.45	0.48	0.46	-0.45	2.00	-0.07	0.00	0.09	0.50	-0.33	0.00	1.45	-0.24	0.28	-1.25	-0.33	-1.13	-0.24	1.06	16.20205353
4781	-0.36	-1.45	1.90	0.00	2.45	-1.05	-0.34	0.33	1.90	0.28	-0.71	2.00	0.46	0.00	0.09	2.01	-0.33	0.00	1.98	-0.24	0.97	0.00	-0.33	-0.09	-0.46	4.138152607	
4782	-0.07	-1.23	1.89	0.00	2.45	-1.05	-0.34	0.36	1.90	-0.26	-0.87	2.00	0.46	0.00	0.09	2.00	-0.33	0.00	1.58	-0.51	0.93	0.00	-0.33	-0.09	0.46	-1.61	3.370250375
4783	0.12	-1.40	2.07	0.00	2.45	0.01	-0.34	0.16	1.94	-0.08	-0.47	2.00	0.47	0.00	0.09	2.04	-0.33	0.00	1.54	-1.07	2.24	0.00	-0.33	-0.09	0.46	-1.61	8.486075524
4784	-0.17	-1.62	1.75	0.00	2.45	-1.05	-0.34	0.13	1.03	0.46	-0.31	2.00	0.13	0.00	0.09	1.09	-0.33	0.00	1.93	-0.79	1.10	0.00	-0.33	-0.09	0.46	-1.61	-3.984249544
4785	0.28	-0.98	1.07	1.59	1.75	-0.52	-0.34	-0.16	1.04	0.83	-0.69	2.00	0.14	0.00	0.09	1.09	-0.33	0.00	1.23	-0.24	0.12	-0.75	-0.33	-1.13	1.16	-1.59	-1.862628442
4786	0.58	-0.75	1.07	1.59	1.75	-0.52	-0.34	-0.12	1.04	0.28	-0.84	2.00	0.13	0.00	0.09	1.09	-0.33	0.00	0.83	-0.51	0.09	-0.75	-0.33	-1.13	1.16	-1.59	-2.630532533
4787	0.77	-0.93	1.25	1.59	1.75	1.07	-0.34	-0.32	1.98	0.46	-0.44	2.00	0.49	0.00	0.09	2.08	-0.33	0.00	1.12	-0.51	1.93	-0.75	-0.33	-1.13	1.16	-1.59	13.58285198
4788	0.48	-1.15	0.93	1.59	1.75	0.01	-0.34	-0.35	1.08	1.01	-0.28	2.00	0.15	0.00	0.09	1.13	-0.33	0.00	1.51	-0.24	0.80	-0.75	-0.33	-1.13	1.16	-1.59	1.112524671
4789	-0.25	-0.40	1.15	0.00	0.71	-0.52	-0.34	-0.22	1.36	0.10	-0.75	2.00	0.26	0.00	0.09	1.44	-0.33	0.00	1.15	-0.24	0.50	-1.00	-0.33	-1.13	0.46	-1.07	-6.226912474
4790	0.05	-0.18	1.15	0.00	0.71	-0.52	-0.34	-0.19	1.36	-0.44	-0.91	2.00	0.26	0.00	0.09	1.43	-0.33	0.00	0.75	-0.51	0.46	-1.00	-0.33	-1.13	0.46	-1.07	-6.994814705
4791	0.24	-0.35	1.33	0.00	0.71	0.54	-0.34	-0.39	1.40	-0.26	-0.50	2.00	0.27	0.00	0.09	1.47	-0.33	0.00	0.71	-1.07	1.77	-1.00	-0.33	-1.13	0.46	-1.07	-1.878989558
4792	-0.05	-0.58	1.01	0.00	0.71	-0.52	-0.34	-0.42	0.49	0.28	-0.34	2.00	-0.07	0.00	0.09	0.52	-0.33	0.00	1.10	-0.79	0.64	-1.00	-0.33	-1.13	0.46	-1.07	-14.34931463
4793	-1.37	0.65	-0.55	-0.79	-0.33	-2.11	-0.34	-0.62	-0.18	-0.81	-1.03	2.00	-0.32	0.00	0.11	-0.23	-0.33	0.00	1.00	-0.24	-0.59	-1.50	-0.33	-1.13	-0.93	0.58	-22.64978805
4794	-1.07	0.88	-0.55	-0.79	-0.33	-2.11	-0.34	-0.58	-0.18	-1.35	-1.19	2.00	-0.32	0.00	0.11	-0.23	-0.33	0.00	0.60	-0.51	-0.59	-1.50	-0.33	-1.13	-0.93	0.58	-23.41769048
4795	-0.88	0.71	-0.38	-0.79	-0.33	-1.05	-0.34	-0.78	-0.14	-1.17	-0.78	2.00	-0.31	0.00	0.11	-0.19	-0.33	0.00	0.56	-1.07	0.68	-1.50	-0.33	-1.13	-0.93	0.58	-18.30186291
4796	-1.17	0.48	-0.70	-0.79	-0.33	-2.11	-0.34	-0.81	-1.05	-0.63	-0.62	2.00	-0.65	0.00	0.11	-1.15	-0.33	0.00	0.95	-0.79	-0.46	-1.50	-0.33	-1.13	-0.93	0.58	-30.77219003
4797	-0.84	0.05	-0.63	-0.79	0.02	-2.11	-0.34	-0.55	-0.56	-0.08	-0.97	2.00	-0.46	0.00	0.11	-0.63	-0.33	0.00	1.08	-0.24	-1.04	-1.25	-0.33	-1.13	-0.24	0.03	-31.25325439
4798	-0.54	0.27	-0.63	-0.79	0.02	-2.11	-0.34	-0.52	-0.57	-0.63	-1.12	2.00	-0.46	0.00	0.11	-0.64	-0.33	0.00	0.69	-0.51	-1.08	-1.25	-0.33	-1.13	-0.24	0.03	-32.02115867
4799	-0.35	0.10	-0.46	-0.79	0.02	-0.52	-0.34	-0.72	0.38	-0.44	-0.72	2.00	-0.11	0.00	0.11	0.36	-0.33	0.00	0.97	-0.51	0.77	-1.25	-0.33	-1.13	-0.24	0.03	-15.807747433
4800	-0.64	-0.13	-0.78	-0.79	0.02	-1.58	-0.34	-0.75	-0.53	0.10	-0.56	2.00	-0.45	0.00	0.11	-0.60	-0.33	0.00	1.36	-0.24	-0.36	-1.25	-0.33	-1.13	-0.24	0.03	-28.27810145
4801	-1.37	0.62	-0.45	0.80	-0.33	-1.32	-0.34	-0.62	-0.10	-0.99	-1.03	2.00	-0.29	0.00	0.11	-0.14	-0.33	0.00	0.93	-0.24	-0.45	-1.50	-0.33	-1.13	-0.93	0.49	-10.25555646
4802	-1.07	0.84	-0.45	0.80	-0.33	-1.32	-0.34	-0.58	-0.10	-1.54	-1.19	2.00	-0.29	0.00	0.11	-0.14	-0.33	0.00	0.53	-0.51	-0.48	-1.50	-0.33	-1.13	-0.93	0.49	-11.02346111
4803	-0.88	0.67	-0.28	0.80	-0.33	-0.26	-0.34	-0.78	-0.06	-1.35	-0.78	2.00	-0.28	0.00	0.11	-0.10	-0.33	0.00	0.49	-1.07	0.82	-1.50	-0.33	-1.13	-0.93	0.49	-5.907633546
4804	-1.17	0.44	-0.60	0.80	-0.33	-1.32	-0.34	-0.81	-0.97	-0.81	-0.62	2.00	-0.62	0.00	0.11	-1.06	-0.33	0.00	0.88	-0.79	-0.31	-1.50	-0.33	-1.13	-0.93	0.49	-18.37795861
4805	-0.84	0.01	-0.53	0.80	0.02	-1.32	-0.34	-0.55	-0.48	-0.26	-0.97	2.00	-0.43	0.00	0.11	-0.55	-0.33	0.00	1.01	-0.24	-0.89	-1.25	-0.33	-1.13	-0.24	-0.06	-18.85902483
4806	-0.54	0.23	-0.53	0.80	0.02	-1.32	-0.34	-0.52	-0.48	-0.81	-1.12	2.00	-0.43	0.00	0.11	-0.55	-0.33	0.00	0.62	-0.51	-0.93	-1.25	-0.33	-1.13	-0.24	-0.06	-19.62692706
4807	-0.35	0.06	-0.36	0.80	0.02	0.27	-0.34	-0.72	0.46	-0.63	-0.72	2.00	-0.08	0.00	0.11	0.45	-0.33	0.00	0.90	-0.51	0.92	-1.25	-0.33	-1.13	-0.24	-0.06	-3.413544967
4808	-0.64	-0.16	-0.68	0.80	0.02	-0.79	-0.34	-0.75	-0.45	-0.08	-0.56	2.00	-0.42	0.00	0.11	-0.51	-0.33	0.00	1.30	-0.24	0.22	-1.25	-0.33	-1.13	-0.24	-0.06	-15.888387003
4809	-1.13	-0.06	0.17	0.80	0.02	-0.79	-0.34	-0.46	0.43	-0.63	-1.16	2.00	-0.09	0.00	0.11	0.41	-0.33	0.00	1.06	-0.24	-0.25	-1.50	-0.33	-1.13	-0.93	-0.07	-11.87037297
4810	-0.83	0.16	0.17	0.80	0.02	-0.79	-0.34	-0.43	0.42	-1.17	-1.31	2.00	-0.09	0.00	0.11	0.41	-0.33	0.00	0.67	-0.51	-0.29	-1.50	-0.33	-1.13	-0.93	-0.07	-12.63827725
4811	-0.64	-0.01	0.34	0.80	0.02	0.27	-0.34	-0.63	0.46	-0.99	-0.63	2.00	-0.08	0.00	0.11	0.45	-0.33	0.00	0.62	-1.07	1.02	-1.50	-0.33	-1.13	-0.93	-0.07	-7.522450053
4812	-0.94	-0.24	0.02	0.80	0.02	-0.79	-0.34	-0.66	-0.44	-0.44	-0.75	2.00	-0.42	0.00	0.11	-0.51	-0.33	0.00	1.02	-0.79	-0.11	-1.50	-0.33	-1.13	-0.93	-0.07	-19.99277512
4813	-0.60	-0.67	0.09	0.80	0.36	-0.79	-0.34	-0.40	0.04	0.10	-1.09	2.00	-0.24	0.00	0.11	0.01	-0.33	0.00	1.14	-0.24	-0.69	-1.25	-0.33	-1.13	-0.24	-0.62	-20.47384153
4814	-0.30	-0.44	0.09	0.80	0.36	-0.79	-0.34	-0.36	0.04	-0.44	-1.25	2.00	-0.24	0.00	0.11	0.01	-0.33	0.00	0.75	-0.51	-0.73	-1.25	-0.33	-1.13	-0.24	-0.62	-21.24174376
4815	-0.11	-0.62	0.27	0.80	0.36	0.80	-0.34	-0.56	0.99	-0.26	-0.85	2.00	0.12	0.00	0.11	1.00	-0.33	0.00	1.03	-0.51	1.12	-1.25	-0.33	-1.13	-0.24	-0.62	-5.028361107
4816	-0.41	-0.84	-0.05	0.80	0.36	-0.26	-0.34	-0.59	0.08	0.28	-0.69	2.00	-0.22	0.00	0.11	0.05	-0.33	0.00	1.43	-0.24	-0.02	-1.25	-0.33	-1.13	-0.24	-0.62	-17.49868654
4817	-0.36	-1.27	1.41	0.00	2.10	-0.79	-0.34	0.18	1.50	0.10	-0.96	2.00	0.31	0.00	0.11	1.55	-0.33	0.00	1.95	-0.24	0.67	0.00	-0.33	-0.09	0.46	-1.17	2.841521647
4818	-0.07	-1.04	1.41	0.00	2.10	-0.79	-0.34	0.21	1.50	-0.44	-1.11	2.00	0.31	0.00	0.11	1.55	-0.33	0.00	1.56	-0.51	0.63	0.00	-0.33	-0.09	0.46	-1.17	2.073617172
4819	0.12	-1.22	1.58	0.00	2.10	0.27	-0.34	0.01	1.54	-0.26	-0.71	2.00	0.33	0.00	0.11	1.59	-0.33	0.00	1.51	-1.07	1.94	0.00	-0.33	-0.09	0.46	-1.17	7.189444563
4820	-0.17	-1.44	1.26	0.00	2.10	-0.79	-0.34	-0.02	0.63	0.28	-0.55	2.00	-0.01	0.00	0.11	0.63	-0.33	0.00	1.91	-0.79	0.80	0.00	-0.33	-0.09	0.46	-1.17	-5.280882381
4821	0.28	-0.80	0.59	1.59	1.40	-0.26	-0.34	-0.30	0.64	0.65	-0.93	2.00	-0.01	0.00	0.11	0.64	-0.33	0.00	1.20	-0.24	-0.17	-0.75	-0.33	-1.13	1.16	-1.15	-3.15926126
4822	0.58	-0.57	0.59	1.59	1.40	-0.26	-0.34	-0.27	0.64	0.10	-1.09	2.00	-0.01	0.00	0.11	0.63	-0.33	0.00	0.81	-0.51	-0.21	-0.75	-0.33	-1.13	1.16	-1.15	-3.927165369
4823	0.77	-0.74	0.76	1.59	1.40	1.33	-0.34	-0.47	1.59	0.28	-0.68	2.00	0.34	0.00	0.11	1.63	-0.33	0.00	1.09	-0.51	1.63	-0.75	-0.33	-1.13	1.16	-1.15	12.28621897
4824	0.48	-0.97	0.44	1.59	1.40	0.27	-0.34	-0.50	0.68	0.83	-0.52	2.00	0.00	0.00	0.11	0.67	-0.33	0.00	1.49	-0.24	0.50	-0.75	-0.33	-1.13	1.16	-1.15	-0.184108149
4825	-0.25	-0.22	0.67	0.00	0.36	-0.26	-0.34	-0.37	0.97	-0.83	-0.99	2.00	0.11	0.00	0.11	0.98	-0.33	0.00	1.12	-0.24	0.20	-1.00	-0.33	-1.13	0.46	-0.63	-7.523545483
4826	0.05	0.01	0.67	0.00	0.36	-0.26	-0.34	-0.34	0.96	-0.63	-1.15	2.00	0.11	0.00	0.11	0.98	-0.33	0.00	0.73	-0.51	0.17	-1.00	-0.				

4864	-0.17	-1.51	1.46	0.00	2.45	-0.52	-0.34	0.13	0.80	0.28	-0.71	2.00	0.05	0.00	0.00	0.11	0.81	-0.33	0.00	1.88	-0.79	0.95	0.00	-0.33	-0.09	0.46	-1.34	3.810407504
4865	0.28	-0.87	0.79	1.59	1.75	0.01	-0.34	-0.16	0.81	0.65	-1.09	2.00	0.05	0.00	0.00	0.11	0.81	-0.33	0.00	1.18	-0.24	-0.03	-0.75	-0.33	-1.13	1.16	-1.33	-1.68878826
4866	0.58	-0.64	0.79	1.59	1.75	0.01	-0.34	-0.12	0.81	0.10	-1.25	2.00	0.05	0.00	0.00	0.11	0.81	-0.33	0.00	0.79	-0.51	-0.07	-0.75	-0.33	-1.13	1.16	-1.33	-2.456690491
4867	0.77	-0.82	0.96	1.59	1.75	1.60	-0.34	-0.32	1.75	0.28	-0.84	2.00	0.40	0.00	0.00	0.11	1.80	-0.33	0.00	1.07	-0.51	1.78	-0.75	-0.33	-1.13	1.16	-1.33	13.75669216
4868	0.48	-1.04	0.64	1.59	1.75	0.54	-0.34	-0.35	0.85	0.83	-0.69	2.00	0.06	0.00	0.00	0.11	0.85	-0.33	0.00	1.46	-0.24	0.65	-0.75	-0.33	-1.13	1.16	-1.33	1.286366901
4869	-0.25	-0.29	0.86	0.00	0.71	0.01	-0.34	-0.22	1.13	-0.08	-1.15	2.00	0.17	0.00	0.00	0.11	1.16	-0.33	0.00	1.10	-0.24	0.35	-1.00	-0.33	-1.13	0.46	-0.81	-6.053070432
4870	0.05	-0.07	0.86	0.00	0.71	0.01	-0.34	-0.19	1.13	-0.63	-1.31	2.00	0.17	0.00	0.00	0.11	1.15	-0.33	0.00	0.70	-0.51	0.31	-1.00	-0.33	-1.13	0.46	-0.81	-6.820974714
4871	0.24	-0.24	1.04	0.00	0.71	1.07	-0.34	-0.39	1.17	-0.44	-0.91	2.00	0.18	0.00	0.00	0.11	1.19	-0.33	0.00	0.66	-1.07	1.62	-1.00	-0.33	-1.13	0.46	-0.81	-1.705147516
4872	-0.05	-0.47	0.72	0.00	0.71	0.01	-0.34	-0.42	0.26	0.10	-0.75	2.00	-0.16	0.00	0.00	0.11	0.24	-0.33	0.00	1.05	-0.79	0.48	-1.00	-0.33	-1.13	0.46	-0.81	-14.17547258
4873	-0.21	-0.94	0.66	-0.79	0.02	-1.05	-0.34	-0.46	0.84	-0.81	-1.74	2.00	0.06	0.00	0.00	1.21	-0.47	-0.33	0.00	0.88	-0.24	-1.77	-1.25	-0.33	-1.13	-0.24	-0.51	-36.02876147
4874	0.08	-0.71	0.66	-0.79	0.02	-1.05	-0.34	-0.43	0.84	-1.35	-1.90	2.00	0.06	0.00	0.00	1.21	-0.47	-0.33	0.00	0.48	-0.51	-1.81	-1.25	-0.33	-1.13	-0.24	-0.51	-36.79666353
4875	0.27	-0.88	0.84	-0.79	0.02	0.01	-0.34	-0.63	0.88	-1.17	-1.50	2.00	0.08	0.00	0.00	1.21	-0.43	-0.33	0.00	0.44	-1.07	-0.50	-1.25	-0.33	-1.13	-0.24	-0.51	-31.68083855
4876	-0.02	-1.11	0.52	-0.79	0.02	-1.05	-0.34	-0.66	-0.03	-0.63	-1.34	2.00	-0.26	0.00	0.00	1.21	-1.39	-0.33	0.00	0.83	-0.79	-1.64	-1.25	-0.33	-1.13	-0.24	-0.51	-44.15116345
4877	0.32	-1.54	0.58	-0.79	0.36	-1.05	-0.34	-0.40	0.46	-0.08	-1.68	2.00	-0.08	0.00	0.00	1.21	-0.87	-0.33	0.00	0.96	-0.24	-2.22	-1.00	-0.33	-1.13	0.46	-1.06	-44.63222984
4878	0.61	-1.32	0.58	-0.79	0.36	-1.05	-0.34	-0.36	0.46	-0.63	-1.84	2.00	-0.08	0.00	0.00	1.21	-0.88	-0.33	0.00	0.56	-0.51	-2.26	-1.00	-0.33	-1.13	0.46	-1.06	-45.4001319
4879	0.81	-1.49	0.76	-0.79	0.36	0.54	-0.34	-0.56	1.40	-0.44	-1.43	2.00	0.27	0.00	0.00	1.21	0.12	-0.33	0.00	0.85	-0.51	-0.41	-1.00	-0.33	-1.13	0.46	-1.06	-29.18674719
4880	0.51	-1.71	0.44	-0.79	0.36	-0.52	-0.34	-0.59	0.50	0.10	-1.28	2.00	-0.07	0.00	0.00	1.21	-0.84	-0.33	0.00	1.24	-0.24	-1.54	-1.00	-0.33	-1.13	0.46	-1.06	-41.65707468
4881	0.55	-2.14	1.90	-1.59	2.10	-0.52	-0.34	0.18	1.92	-0.08	-1.54	2.00	0.47	0.00	0.00	1.21	0.67	-0.33	0.00	1.77	-0.24	-0.86	0.25	-0.33	-0.09	1.16	-1.61	-20.27092803
4882	0.85	-1.92	1.90	-1.59	2.10	-0.52	-0.34	0.21	1.92	-0.63	-1.70	2.00	0.47	0.00	0.00	1.21	0.67	-0.33	0.00	1.37	-0.51	-0.90	0.25	-0.33	-0.09	1.16	-1.61	-21.03883268
4883	1.04	-2.09	2.07	-1.59	2.10	0.54	-0.34	0.01	1.96	-0.44	-1.30	2.00	0.48	0.00	0.00	1.21	0.71	-0.33	0.00	1.33	-1.07	0.41	0.25	-0.33	-0.09	1.16	-1.61	-15.92300512
4884	0.75	-2.31	1.76	-1.59	2.10	-0.52	-0.34	-0.02	1.05	0.10	-1.14	2.00	0.14	0.00	0.00	1.21	-0.25	-0.33	0.00	1.72	-0.79	-0.72	0.25	-0.33	-0.09	1.16	-1.61	-28.39333223
4885	1.20	-1.67	1.08	0.00	1.40	0.01	-0.34	-0.30	1.06	0.46	-1.52	2.00	0.14	0.00	0.00	1.21	-0.25	-0.33	0.00	1.02	-0.24	-1.70	-0.50	-0.33	-1.13	1.85	-1.59	-26.27171094
4886	1.50	-1.44	1.08	0.00	1.40	0.01	-0.34	-0.27	1.06	-0.08	-1.67	2.00	0.14	0.00	0.00	1.21	-0.25	-0.33	0.00	0.62	-0.51	-1.74	-0.50	-0.33	-1.13	1.85	-1.59	-27.03961522
4887	1.69	-1.62	1.25	0.00	1.40	1.60	-0.34	-0.47	2.00	0.10	-1.27	2.00	0.50	0.00	0.00	1.21	0.75	-0.33	0.00	0.91	-0.51	0.11	-0.50	-0.33	-1.13	1.85	-1.59	-10.82623089
4888	1.39	-1.84	0.94	0.00	1.40	0.54	-0.34	-0.50	1.10	0.65	-1.11	2.00	0.16	0.00	0.00	1.21	-0.21	-0.33	0.00	1.30	-0.24	-1.03	-0.50	-0.33	-1.13	1.85	-1.59	-23.29655578
4889	0.67	-1.09	1.16	-1.59	0.36	0.01	-0.34	-0.37	1.38	-0.26	-1.58	2.00	0.27	0.00	0.00	1.21	0.10	-0.33	0.00	0.94	-0.24	-1.32	-0.75	-0.33	-1.13	1.16	-1.07	-30.63599311
4890	0.97	-0.87	1.16	-1.59	0.36	0.01	-0.34	-0.34	1.38	-0.81	-1.74	2.00	0.27	0.00	0.00	1.21	0.10	-0.33	0.00	0.54	-0.51	-1.36	-0.75	-0.33	-1.13	1.16	-1.07	-31.40389776
4891	1.16	-1.04	1.33	-1.59	0.36	1.07	-0.34	-0.53	1.42	-0.63	-1.33	2.00	0.28	0.00	0.00	1.21	0.14	-0.33	0.00	0.50	-1.07	-0.05	-0.75	-0.33	-1.13	1.16	-1.07	-26.2880702
4892	0.86	-1.27	1.01	-1.59	0.36	0.01	-0.34	-0.57	0.51	-0.08	-1.17	2.00	-0.06	0.00	0.00	1.21	-0.82	-0.33	0.00	0.89	-0.79	-1.19	-0.75	-0.33	-1.13	1.16	-1.07	-38.75839731
4893	-0.29	-0.26	0.03	-0.79	-0.33	-1.58	-0.34	-0.62	0.31	-0.08	-0.71	2.00	-0.14	0.00	0.00	0.86	-0.61	-0.33	0.00	1.31	-0.24	-0.78	-1.25	-0.33	-1.13	-0.24	0.05	-23.84989702
4894	0.00	-0.03	0.03	-0.79	-0.33	-1.58	-0.34	-0.58	0.31	-0.63	-0.87	2.00	-0.14	0.00	0.00	0.86	-0.62	-0.33	0.00	0.92	-0.51	-0.82	-1.25	-0.33	-1.13	-0.24	0.05	-24.61780147
4895	0.20	-0.20	0.21	-0.79	-0.33	-0.52	-0.34	-0.48	0.34	-0.44	-0.78	2.00	-0.12	0.00	0.00	0.86	-0.58	-0.33	0.00	0.88	-1.07	-0.49	-1.25	-0.33	-1.13	-0.24	0.05	-19.50197391
4896	-0.10	-0.43	-0.11	-0.79	-0.33	-1.58	-0.34	-0.81	-0.56	0.10	-0.31	2.00	-0.46	0.00	0.00	0.86	-1.53	-0.33	0.00	1.27	-0.79	-0.64	-1.25	-0.33	-1.13	-0.24	0.05	-31.97230103
4897	0.24	-0.86	-0.04	-0.79	0.02	-1.58	-0.34	-0.55	-0.08	0.65	-0.65	2.00	-0.28	0.00	0.00	0.86	-1.02	-0.33	0.00	1.40	-0.24	-1.22	-1.00	-0.33	-1.13	0.46	-0.50	-32.45336539
4898	0.53	-0.64	-0.04	-0.79	0.02	-1.58	-0.34	-0.52	-0.08	0.10	-0.81	2.00	-0.28	0.00	0.00	0.86	-1.02	-0.33	0.00	1.00	-0.51	-1.26	-1.00	-0.33	-1.13	0.46	-0.50	-33.22126967
4899	0.73	-0.81	0.13	-0.79	0.02	0.01	-0.34	-0.72	0.87	0.28	-0.40	2.00	0.07	0.00	0.00	0.86	-0.03	-0.33	0.00	1.29	-0.51	0.59	-1.00	-0.33	-1.13	0.46	-0.50	-17.00788533
4900	0.43	-1.04	-0.19	-0.79	0.02	-1.05	-0.34	-0.75	-0.04	0.83	-0.24	2.00	-0.27	0.00	0.00	0.86	-0.98	-0.33	0.00	1.68	-0.24	-0.55	-1.00	-0.33	-1.13	0.46	-0.50	-29.47821022
4901	-0.05	-0.94	0.66	-0.79	0.02	-0.52	-0.34	-0.46	0.83	0.28	-0.84	2.00	0.06	0.00	0.00	0.86	-0.06	-0.33	0.00	1.45	-0.24	-0.58	-1.25	-0.33	-1.13	-0.24	-0.51	-24.41602048
4902	0.24	-0.71	0.66	-0.79	0.02	-0.52	-0.34	-0.43	0.83	-0.26	-1.00	2.00	0.06	0.00	0.00	0.86	-0.06	-0.33	0.00	1.05	-0.51	-0.62	-1.25	-0.33	-1.13	-0.24	-0.51	-25.18392476
4903	0.43	-0.88	0.83	-0.79	0.02	0.54	-0.34	-0.63	0.87	-0.08	-0.59	2.00	0.07	0.00	0.00	0.86	-0.02	-0.33	0.00	1.01	-1.07	0.69	-1.25	-0.33	-1.13	-0.24	-0.51	-20.06809756
4904	0.14	-1.11	0.51	-0.79	0.02	-0.52	-0.34	-0.66	-0.04	0.46	-0.43	2.00	-0.27	0.00	0.00	0.86	-0.98	-0.33	0.00	1.40	-0.79	-0.45	-1.25	-0.33	-1.13	-0.24	-0.51	-32.53842468
4905	0.48	-1.54	0.58	-0.79	0.36	-0.52	-0.34	-0.40	0.45	1.01	-0.78	2.00	-0.08	0.00	0.00	0.86	-0.47	-0.33	0.00	1.53	-0.24	-1.03	-1.00	-0.33	-1.13	0.46	-1.06	-33.01948904
4906	0.77	-1.32	0.58	-0.79	0.36	-0.52	-0.34	-0.36	0.45	0.46	-0.93	2.00	-0.09	0.00	0.00	0.86	-0.47	-0.33	0.00	1.14	-0.51	-1.06	-1.00	-0.33	-1.13	0.46	-1.06	-33.78739127
4907	0.96	-1.49	0.75	-0.79	0.36	1.07	-0.34	-0.56	1.39	0.65	-0.53	2.00	0.27	0.00	0.00	0.86	0.53	-0.33	0.00	1.42	-0.51	0.78	-1.00	-0.33	-1.13	0.46	-1.06	-17.57400862
4908	0.67	-1.71	0.43	-0.79	0.36	0.01	-0.34	-0.59	0.49	1.19	-0.37	2.00	-0.07	0.00	0.00	0.86	-0.43	-0.33	0.00	1.81	-0.24	-0.35	-1.00	-0.33	-1.13	0.46	-1.06	-30.04433405
4909	0.71	-2.14	1.90	-1.59	2.10	-0.52	-																					

4948	-0.58	-0.42	0.59	0.80	-0.68	0.01	-0.80	-0.29	-0.04	0.65	-0.51	1.60	-0.27	0.00	0.00	1.11	-1.29	-0.33	0.00	1.68	-0.79	1.27	-0.75	-0.33	-0.61	-0.24	0.51	1.574274824
4949	-0.24	-0.85	0.66	0.80	-0.33	0.01	-0.80	-0.02	0.44	1.19	-0.85	1.60	-0.09	0.00	0.00	1.11	-0.78	-0.33	0.00	1.81	-0.24	0.69	-0.50	-0.33	-0.61	-0.66	1.06	2.055338818
4950	0.05	-0.63	0.66	0.80	-0.33	0.01	-0.80	0.01	0.44	0.65	-1.01	1.60	-0.09	0.00	0.00	1.11	-0.78	-0.33	0.00	1.41	-0.51	0.65	-0.50	-0.33	-0.61	0.46	-1.06	-2.823243275
4951	0.24	-0.80	0.83	0.80	-0.33	1.60	-0.80	-0.19	1.38	0.83	-0.60	1.60	0.27	0.00	0.00	1.11	0.22	-0.33	0.00	1.70	-0.51	2.50	-0.50	-0.33	-0.61	0.46	-1.06	13.39014124
4952	-0.05	-1.02	0.51	0.80	-0.33	0.54	-0.80	-0.22	0.48	1.37	-0.45	1.60	-0.07	0.00	0.00	1.11	-0.74	-0.33	0.00	2.09	-0.24	1.36	-0.50	-0.33	-0.61	0.46	-1.06	0.919814295
4953	-0.01	-1.45	1.98	0.00	1.40	0.01	-0.80	0.55	1.90	1.19	-0.71	1.60	0.46	0.00	0.00	1.11	0.77	-0.33	0.00	2.62	-0.24	2.05	0.75	-0.33	0.43	1.16	-1.61	21.26002212
4954	0.29	-1.23	1.98	0.00	1.40	0.01	-0.80	0.59	1.90	0.65	-0.87	1.60	0.46	0.00	0.00	1.11	0.77	-0.33	0.00	2.22	-0.51	2.01	0.75	-0.33	0.43	1.16	-1.61	20.49211783
4955	0.48	-1.40	2.15	0.00	1.40	1.07	-0.80	0.39	1.94	0.83	-0.47	1.60	0.47	0.00	0.00	1.11	0.80	-0.33	0.00	2.18	-1.07	3.32	0.75	-0.33	0.43	1.16	-1.61	25.6079454
4956	0.18	-1.62	1.83	0.00	1.40	0.01	-0.80	0.36	1.03	1.37	-0.31	1.60	0.13	0.00	0.00	1.11	-0.15	-0.33	0.00	2.57	-0.79	2.18	0.75	-0.33	0.43	1.16	-1.61	13.13761997
4957	0.64	-0.98	1.16	1.59	0.71	0.54	-0.80	0.07	1.04	1.74	-0.69	1.60	0.14	0.00	0.00	1.11	-0.15	-0.33	0.00	1.87	-0.24	1.21	0.00	-0.33	-0.61	1.85	-1.59	15.25923958
4958	0.93	-0.75	1.16	1.59	0.71	0.54	-0.80	0.10	1.04	1.19	-0.84	1.60	0.14	0.00	0.00	1.11	-0.15	-0.33	0.00	1.47	-0.51	1.17	0.00	-0.33	-0.61	1.85	-1.59	14.49133698
4959	1.13	-0.93	1.33	1.59	0.71	2.13	-0.80	-0.09	1.99	1.37	-0.44	1.60	0.49	0.00	0.00	1.11	0.85	-0.33	0.00	1.76	-0.51	3.01	0.00	-0.33	-0.61	1.85	-1.59	30.70471963
4960	0.83	-1.15	1.01	1.59	0.71	1.07	-0.80	-0.12	1.08	1.92	-0.28	1.60	0.15	0.00	0.00	1.11	-0.11	-0.33	0.00	2.15	-0.24	1.88	0.00	-0.33	-0.61	1.85	-1.59	18.2343942
4961	0.11	-0.40	1.24	0.00	-0.33	0.54	-0.80	0.01	1.37	1.01	-0.75	1.60	0.26	0.00	0.00	1.11	0.20	-0.33	0.00	1.79	-0.24	1.58	-0.25	-0.33	-0.61	1.16	-1.07	10.8949574
4962	0.40	-0.18	1.23	0.00	-0.33	0.54	-0.80	0.04	1.36	0.46	-0.91	1.60	0.26	0.00	0.00	1.11	0.20	-0.33	0.00	1.39	-0.51	1.55	-0.25	-0.33	-0.61	1.16	-1.07	10.12705275
4963	0.59	-0.35	1.41	0.00	-0.33	1.60	-0.80	-0.16	1.40	0.65	-0.50	1.60	0.27	0.00	0.00	1.11	0.24	-0.33	0.00	1.35	-1.07	2.85	-0.25	-0.33	-0.61	1.16	-1.07	15.24288032
4964	0.30	-0.58	1.09	0.00	-0.33	0.54	-0.80	-0.19	0.50	1.19	-0.34	1.60	-0.07	0.00	0.00	1.11	-0.72	-0.33	0.00	1.74	-0.79	1.72	-0.25	-0.33	-0.61	1.16	-1.07	2.772552835
4965	-1.01	0.65	-0.47	-0.79	-1.37	-1.05	-0.80	-0.39	-0.18	0.10	-1.03	1.60	-0.32	0.00	0.00	1.14	-1.46	-0.33	0.00	1.64	-0.24	0.49	-0.75	-0.33	-0.61	-0.24	0.58	-5.527918542
4966	-0.72	0.88	-0.47	-0.79	-1.37	-1.05	-0.80	-0.36	-0.18	-0.44	-1.19	1.60	-0.32	0.00	0.00	1.14	-1.47	-0.33	0.00	1.24	-0.51	0.45	-0.75	-0.33	-0.61	-0.24	0.58	-6.295822652
4967	-0.53	0.71	-0.30	-0.79	-1.37	0.01	-0.80	-0.55	-0.14	-0.26	-0.78	1.60	-0.31	0.00	0.00	1.14	-1.43	-0.33	0.00	1.20	-1.07	1.76	-0.75	-0.33	-0.61	-0.24	0.58	-1.179995626
4968	-0.82	0.48	-0.62	-0.79	-1.37	-1.05	-0.80	-0.58	-1.04	0.28	-0.62	1.60	-0.65	0.00	0.00	1.14	-2.38	-0.33	0.00	1.59	-0.79	0.62	-0.75	-0.33	-0.61	-0.24	0.58	-13.65032052
4969	-0.48	0.05	-0.55	-0.79	-1.02	-1.05	-0.80	-0.32	-0.56	0.83	-1.02	1.60	-0.46	0.00	0.00	1.14	-1.87	-0.33	0.00	1.72	-0.24	0.04	-0.50	-0.33	-0.61	0.46	0.03	-14.1313871
4970	-0.19	0.27	-0.55	-0.79	-1.02	-1.05	-0.80	-0.29	-0.56	0.28	-1.12	1.60	-0.46	0.00	0.00	1.14	-1.87	-0.33	0.00	1.32	-0.51	0.00	-0.50	-0.33	-0.61	0.46	0.03	-14.89928897
4971	0.01	0.10	-0.38	-0.79	-1.02	0.54	-0.80	-0.49	0.38	0.46	-0.72	1.60	-0.11	0.00	0.00	1.14	-0.88	-0.33	0.00	1.61	-0.51	1.85	-0.50	-0.33	-0.61	0.46	0.03	1.314093493
4972	-0.29	-0.13	-0.70	-0.79	-1.02	-0.52	-0.80	-0.52	-0.52	1.01	-0.56	1.60	-0.45	0.00	0.00	1.14	-1.83	-0.33	0.00	2.00	-0.24	0.72	-0.50	-0.33	-0.61	0.46	0.03	-11.15623194
4973	-1.01	0.62	-0.37	0.80	-1.37	-0.26	-0.80	-0.39	-0.09	-0.08	-1.03	1.60	-0.29	0.00	0.00	1.14	-1.38	-0.33	0.00	1.57	-0.24	0.64	-0.75	-0.33	-0.61	-0.24	0.49	6.866311189
4974	-0.72	0.84	-0.37	0.80	-1.37	-0.26	-0.80	-0.36	-0.10	-0.63	-1.19	1.60	-0.29	0.00	0.00	1.14	-1.38	-0.33	0.00	1.17	-0.51	0.60	-0.75	-0.33	-0.61	-0.24	0.49	6.098408956
4975	-0.53	0.67	-0.20	0.80	-1.37	0.80	-0.80	-0.55	-0.06	-0.44	-0.78	1.60	-0.28	0.00	0.00	1.14	-1.34	-0.33	0.00	1.13	-1.07	1.90	-0.75	-0.33	-0.61	-0.24	0.49	11.2142341
4976	-0.82	0.44	-0.52	0.80	-1.37	-0.26	-0.80	-0.58	-0.96	0.10	-0.62	1.60	-0.62	0.00	0.00	1.14	-2.30	-0.33	0.00	1.52	-0.79	0.77	-0.75	-0.33	-0.61	-0.24	0.49	-1.256090963
4977	-0.48	0.01	-0.45	0.80	-1.02	-0.26	-0.80	-0.32	-0.48	0.65	-0.97	1.60	-0.43	0.00	0.00	1.14	-1.78	-0.33	0.00	1.65	-0.24	0.19	-0.50	-0.33	-0.61	0.46	-0.06	-1.737155323
4978	-0.19	0.23	-0.45	0.80	-1.02	-0.26	-0.80	-0.29	-0.48	0.10	-1.12	1.60	-0.43	0.00	0.00	1.14	-1.79	-0.33	0.00	1.26	-0.51	0.15	-0.50	-0.33	-0.61	0.46	-0.06	-2.505059604
4979	0.01	0.06	-0.28	0.80	-1.02	1.33	-0.80	-0.49	0.46	0.28	-0.72	1.60	-0.08	0.00	0.00	1.14	-0.79	-0.33	0.00	1.54	-0.51	2.00	-0.50	-0.33	-0.61	0.46	-0.06	13.7083251
4980	-0.29	-0.16	-0.60	0.80	-1.02	0.27	-0.80	-0.52	-0.44	0.83	-0.56	1.60	-0.42	0.00	0.00	1.14	-1.75	-0.33	0.00	1.93	-0.24	0.86	-0.50	-0.33	-0.61	0.46	-0.06	1.237997615
4981	-0.78	-0.06	0.25	0.80	-1.02	0.27	-0.80	-0.23	0.43	0.28	-1.16	1.60	-0.09	0.00	0.00	1.14	-0.82	-0.33	0.00	1.70	-0.24	0.83	-0.75	-0.33	-0.61	-0.24	-0.07	5.251494685
4982	-0.48	0.16	0.25	0.80	-1.02	0.27	-0.80	-0.20	0.43	-0.26	-1.31	1.60	-0.09	0.00	0.00	1.14	-0.83	-0.33	0.00	1.31	-0.51	0.80	-0.75	-0.33	-0.61	-0.24	-0.07	4.483592258
4983	-0.29	-0.01	0.43	0.80	-1.02	1.33	-0.80	-0.40	0.47	-0.08	-0.91	1.60	-0.08	0.00	0.00	1.14	-0.79	-0.33	0.00	1.26	-1.07	2.10	-0.75	-0.33	-0.61	-0.24	-0.07	9.599417601
4984	-0.58	-0.24	0.11	0.80	-1.02	0.27	-0.80	-0.43	-0.44	0.46	-0.75	1.60	-0.42	0.00	0.00	1.14	-1.74	-0.33	0.00	1.65	-0.79	0.97	-0.75	-0.33	-0.61	-0.24	-0.07	-2.870907471
4985	-0.24	-0.67	0.18	0.80	-0.68	0.27	-0.80	-0.17	0.05	1.01	-1.09	1.60	-0.24	0.00	0.00	1.14	-1.23	-0.33	0.00	1.78	-0.24	0.39	-0.50	-0.33	-0.61	0.46	-0.62	-3.351971463
4986	0.05	-0.44	0.17	0.80	-0.68	0.27	-0.80	-0.14	0.05	0.46	-0.68	1.60	-0.24	0.00	0.00	1.14	-1.23	-0.33	0.00	1.39	-0.51	0.35	-0.50	-0.33	-0.61	0.46	-0.62	-4.119876111
4987	0.24	-0.62	0.35	0.80	-0.68	1.86	-0.80	-0.33	0.99	0.65	-0.85	1.60	0.12	0.00	0.00	1.14	-0.24	-0.33	0.00	1.67	-0.51	2.20	-0.50	-0.33	-0.61	0.46	-0.62	12.09350859
4988	-0.05	-0.84	0.03	0.80	-0.68	0.80	-0.80	-0.37	0.08	1.19	-0.69	1.60	-0.22	0.00	0.00	1.14	-1.19	-0.33	0.00	2.07	-0.24	1.06	-0.50	-0.33	-0.61	0.46	-0.62	-0.376818892
4989	-0.01	-1.27	1.49	0.00	1.06	0.27	-0.80	0.41	1.51	1.01	-0.96	1.60	0.31	0.00	0.00	1.14	0.32	-0.33	0.00	2.59	-0.24	1.75	0.75	-0.33	0.43	1.16	-1.17	19.96338911
4990	0.29	-1.04	1.49	0.00	1.06	0.27	-0.80	0.44	1.50	0.46	-1.11	1.60	0.31	0.00	0.00	1.14	0.31	-0.33	0.00	2.20	-0.51	1.71	0.75	-0.33	0.43	1.16	-1.17	19.19548483
4991	0.48	-1.22	1.67	0.00	1.06	1.33	-0.80	0.24	1.54	0.65	-0.71	1.60	0.33	0.00	0.00	1.14	0.35	-0.33	0.00	2.15	-1.07	3.02	0.75	-0.33	0.43	1.16	-1.17	24.31131202
4992	0.18	-1.44	1.35	0.00	1.06	0.27	-0.80	0.21	0.64	1.19	-0.55	1.60	-0.01	0.00	0.00	1.14	-0.60	-0.33	0.00	2.55	-0.79	1.88	0.75	-0.33	0.43	1.16	-1.17	11.84098732
4993	0.64	-0.80	0.67	1.59	0.36	0.80	-																					

5032	-0.05	-0.91	0.22	0.80	-0.33	1.07	-0.80	-0.22	0.25	1.19	-0.85	1.60	-0.16	0.00	0.00	1.14	-1.02	-0.33	0.00	2.04	-0.24	1.21	-0.50	-0.33	-0.61	0.45	1.093656526	
5033	-0.01	-1.34	1.69	0.00	1.40	0.54	-0.80	0.55	1.67	1.01	-1.12	1.60	0.37	0.00	0.00	1.14	0.49	-0.33	0.00	2.57	-0.24	1.90	0.75	-0.33	0.43	1.16	21.43386211	
5034	0.29	-1.12	1.69	0.00	1.40	0.54	-0.80	0.59	1.67	0.46	-1.28	1.60	0.37	0.00	0.00	1.14	0.49	-0.33	0.00	2.17	-0.51	1.86	0.75	-0.33	0.43	1.16	20.66595988	
5035	0.48	-1.29	1.86	0.00	1.40	1.60	-0.80	0.39	1.71	0.65	-0.87	1.60	0.39	0.00	0.00	1.14	0.53	-0.33	0.00	2.13	-1.07	3.16	0.75	-0.33	0.43	1.16	25.78178744	
5036	0.18	-1.51	1.54	0.00	1.40	0.54	-0.80	0.36	0.80	1.19	-0.71	1.60	0.05	0.00	0.00	1.14	-0.43	-0.33	0.00	2.52	-0.79	2.03	0.75	-0.33	0.43	1.16	13.31145996	
5037	0.64	-0.87	0.87	1.59	0.71	1.07	-0.80	0.07	0.81	1.56	-1.09	1.60	0.05	0.00	0.00	1.14	-0.43	-0.33	0.00	1.82	-0.24	1.05	0.00	-0.33	-0.61	1.85	15.43308162	
5038	0.93	-0.64	0.87	1.59	0.71	1.07	-0.80	0.10	0.81	1.01	-1.25	1.60	0.05	0.00	0.00	1.14	-0.43	-0.33	0.00	1.42	-0.51	1.02	0.00	-0.33	-0.61	1.85	14.66517697	
5039	1.13	-0.82	1.04	1.59	0.71	2.66	-0.80	-0.09	1.75	1.19	-0.84	1.60	0.40	0.00	0.00	1.14	0.57	-0.33	0.00	1.71	-0.51	2.86	0.00	-0.33	-0.61	1.85	30.87856167	
5040	0.83	-1.04	0.72	1.59	0.71	1.60	-0.80	-0.12	0.85	1.74	-0.69	1.60	0.06	0.00	0.00	1.14	-0.39	-0.33	0.00	2.10	-0.24	1.73	0.00	-0.33	-0.61	1.85	18.40823419	
5041	0.11	-0.29	0.95	0.00	-0.33	1.07	-0.80	0.01	1.13	0.83	-1.15	1.60	0.17	0.00	0.00	1.14	-0.08	-0.33	0.00	1.74	-0.24	1.43	-0.25	-0.33	-0.61	1.16	11.06879722	
5042	0.40	-0.07	0.95	0.00	-0.33	1.07	-0.80	0.04	1.13	0.28	-1.31	1.60	0.17	0.00	0.00	1.14	-0.08	-0.33	0.00	1.34	-0.51	1.39	-0.25	-0.33	-0.61	1.16	10.3008948	
5043	0.59	-0.24	1.12	0.00	-0.33	2.13	-0.80	-0.16	1.17	0.46	-0.91	1.60	0.19	0.00	0.00	1.14	-0.04	-0.33	0.00	1.30	-1.07	2.70	-0.25	-0.33	-0.61	1.16	15.41672014	
5044	0.30	-0.47	0.80	0.00	-0.33	1.07	-0.80	-0.19	0.27	1.01	-0.75	1.60	-0.15	0.00	0.00	1.14	-1.00	-0.33	0.00	1.69	-0.79	1.57	-0.25	-0.33	-0.61	1.16	2.946394876	
5045	0.14	-0.94	0.75	-0.79	-1.02	0.01	-0.80	-0.23	0.85	0.10	-1.74	1.60	0.06	0.00	0.00	2.23	-1.70	-0.33	0.00	1.51	-0.24	-0.69	-0.50	-0.33	-0.61	0.46	-0.51	-18.9068914
5046	0.44	-0.71	0.74	-0.79	-1.02	0.01	-0.80	-0.20	0.84	-0.44	-1.90	2.23	0.06	0.00	0.00	2.23	-1.71	-0.33	0.00	1.12	-0.51	-0.73	-0.50	-0.33	-0.61	0.46	-0.51	-19.67479588
5047	0.63	-0.88	0.92	-0.79	-1.02	1.07	-0.80	-0.40	0.88	-0.26	-1.50	1.60	0.08	0.00	0.00	2.23	-1.67	-0.33	0.00	1.07	-1.07	0.58	-0.50	-0.33	-0.61	0.46	-0.51	-14.55896848
5048	0.33	-1.11	0.60	-0.79	-1.02	0.01	-0.80	-0.43	-0.02	0.28	-1.34	1.60	-0.26	0.00	0.00	2.23	-2.62	-0.33	0.00	1.47	-0.79	-0.56	-0.50	-0.33	-0.61	0.46	-0.51	-27.0292958
5049	0.67	-1.54	0.67	-0.79	-0.68	0.01	-0.80	-0.17	0.46	0.83	-1.68	1.60	-0.08	0.00	0.00	2.23	-2.11	-0.33	0.00	1.60	-0.24	-1.14	-0.25	-0.33	-0.61	1.16	-1.06	-27.51035996
5050	0.97	-1.32	0.67	-0.79	-0.68	0.01	-0.80	-0.14	0.46	0.28	-1.84	1.60	-0.08	0.00	0.00	2.23	-2.11	-0.33	0.00	1.20	-0.51	-1.17	-0.25	-0.33	-0.61	1.16	-1.06	-28.27826444
5051	1.16	-1.49	0.84	-0.79	-0.68	1.60	-0.80	-0.33	1.41	0.46	-1.43	1.60	0.27	0.00	0.00	2.23	-1.12	-0.33	0.00	1.49	-0.51	0.67	-0.25	-0.33	-0.61	1.16	-1.06	-12.06487973
5052	0.86	-1.71	0.52	-0.79	-0.68	0.54	-0.80	-0.37	0.50	1.01	-1.28	1.60	-0.07	0.00	0.00	2.23	-2.07	-0.33	0.00	1.88	-0.24	-0.46	-0.25	-0.33	-0.61	1.16	-1.06	-24.53520517
5053	0.91	-2.14	1.98	-1.59	1.06	0.54	-0.80	0.41	1.92	0.83	-1.54	1.60	0.47	0.00	0.00	2.23	-0.57	-0.33	0.00	2.40	-0.24	0.22	1.01	-0.33	0.43	1.85	-1.61	-3.149060383
5054	1.20	-1.92	1.98	-1.59	1.06	0.54	-0.80	0.44	1.92	0.28	-1.70	1.60	0.47	0.00	0.00	2.23	-0.57	-0.33	0.00	2.01	-0.51	0.19	1.01	-0.33	0.43	1.85	-1.61	-3.916962616
5055	1.39	-2.09	2.16	-1.59	1.06	1.60	-0.80	0.24	1.96	0.46	-1.30	1.60	0.48	0.00	0.00	2.23	-0.53	-0.33	0.00	1.97	-1.07	1.49	1.01	-0.33	0.43	1.85	-1.61	1.198862533
5056	1.10	-2.31	1.84	-1.59	1.06	0.54	-0.80	0.21	1.05	1.01	-1.14	1.60	0.14	0.00	0.00	2.23	-1.49	-0.33	0.00	2.36	-0.79	0.36	1.01	-0.33	0.43	1.85	-1.61	-11.27146253
5057	1.55	-1.67	1.16	0.00	0.36	1.07	-0.80	-0.07	1.06	1.37	-1.52	1.60	0.14	0.00	0.00	2.23	-1.48	-0.33	0.00	1.66	-0.24	-0.62	0.25	-0.33	-0.61	2.55	-1.59	-9.149843481
5058	1.85	-1.44	1.16	0.00	0.36	1.07	-0.80	-0.04	1.06	0.83	-1.67	1.60	0.14	0.00	0.00	2.23	-1.49	-0.33	0.00	1.26	-0.51	-0.66	0.25	-0.33	-0.61	2.55	-1.59	-9.917745523
5059	2.04	-1.62	1.34	0.00	0.36	2.66	-0.80	-0.24	2.01	1.01	-1.27	1.60	0.50	0.00	0.00	2.23	-0.49	-0.33	0.00	1.55	-0.51	1.19	0.25	-0.33	-0.61	2.55	-1.59	6.295636942
5060	1.75	-1.84	1.02	0.00	0.36	1.60	-0.80	-0.27	1.10	1.56	-1.11	1.60	0.16	0.00	0.00	2.23	-1.45	-0.33	0.00	1.94	-0.24	0.05	0.25	-0.33	-0.61	2.55	-1.59	-6.17468832
5061	1.02	-1.09	1.24	-1.59	-0.68	1.07	-0.80	-0.14	1.39	0.65	-1.58	1.60	0.27	0.00	0.00	2.23	-1.14	-0.33	0.00	1.57	-0.24	-0.24	0.00	-0.33	-0.61	1.85	-1.07	-13.51412546
5062	1.32	-0.87	1.24	-1.59	-0.68	1.07	-0.80	-0.11	1.38	0.10	-1.74	1.60	0.27	0.00	0.00	2.23	-1.14	-0.33	0.00	1.18	-0.51	-0.28	0.00	-0.33	-0.61	1.85	-1.07	-14.28202975
5063	1.51	-1.04	1.42	-1.59	-0.68	2.13	-0.80	-0.31	1.42	0.28	-1.33	2.23	0.28	0.00	0.00	2.23	-1.10	-0.33	0.00	1.13	-1.07	1.03	0.00	-0.33	-0.61	1.85	-1.07	-9.166202547
5064	1.22	-1.27	1.10	-1.59	-0.68	1.07	-0.80	-0.34	0.52	0.83	-1.17	1.60	-0.06	0.00	0.00	2.23	-2.06	-0.33	0.00	1.53	-0.79	-0.11	0.00	-0.33	-0.61	1.85	-1.07	-21.63652761
5065	0.06	-0.26	0.12	-0.79	-1.37	-0.52	-0.80	-0.39	0.31	0.83	-0.71	1.60	-0.14	0.00	0.00	1.88	-1.85	-0.33	0.00	1.95	-0.24	0.30	-0.50	-0.33	-0.61	0.46	0.05	-6.728029365
5066	0.36	-0.03	0.12	-0.79	-1.37	-0.52	-0.80	-0.36	0.31	0.28	-0.87	1.60	-0.14	0.00	0.00	1.88	-1.85	-0.33	0.00	1.56	-0.51	0.27	-0.50	-0.33	-0.61	0.46	0.05	-7.495931597
5067	0.55	-0.20	0.29	-0.79	-1.37	0.54	-0.80	-0.55	0.35	0.46	-0.46	1.60	-0.12	0.00	0.00	1.88	-1.82	-0.33	0.00	1.51	-1.07	1.57	-0.50	-0.33	-0.61	0.46	0.05	-2.380106449
5068	0.25	-0.43	-0.03	-0.79	-1.37	-0.52	-0.80	-0.58	-0.56	1.01	-0.31	1.60	-0.46	0.00	0.00	1.88	-2.77	-0.33	0.00	1.91	-0.79	0.44	-0.50	-0.33	-0.61	0.46	0.05	-14.85043152
5069	0.59	-0.86	0.04	-0.79	-1.02	-0.52	-0.80	-0.32	-0.07	1.56	-0.65	1.60	-0.28	0.00	0.00	1.88	-2.26	-0.33	0.00	2.04	-0.24	-0.14	-0.25	-0.33	-0.61	1.16	-0.50	-15.33149793
5070	0.89	-0.64	0.04	-0.79	-1.02	-0.52	-0.80	-0.29	-0.07	1.01	-0.81	1.60	-0.28	0.00	0.00	1.88	-2.26	-0.33	0.00	1.64	-0.51	-0.18	-0.25	-0.33	-0.61	1.16	-0.50	-16.09940016
5071	1.08	-0.81	0.21	-0.79	-1.02	1.07	-0.80	-0.49	0.87	1.19	-0.40	1.60	0.07	0.00	0.00	1.88	-1.26	-0.33	0.00	1.93	-0.51	1.67	-0.25	-0.33	-0.61	1.16	-0.50	0.113984547
5072	0.78	-1.04	-0.11	-0.79	-1.02	0.01	-0.80	-0.52	-0.04	1.74	-0.24	1.60	-0.27	0.00	0.00	1.88	-2.22	-0.33	0.00	2.32	-0.24	0.53	-0.25	-0.33	-0.61	1.16	-0.50	-12.35634276
5073	0.30	-0.94	0.74	-0.79	-1.02	0.54	-0.80	-0.23	0.84	1.19	-0.84	1.60	0.06	0.00	0.00	1.88	-1.30	-0.33	0.00	2.09	-0.24	0.50	-0.50	-0.33	-0.61	0.46	-0.51	-7.294152825
5074	0.59	-0.71	0.74	-0.79	-1.02	0.54	-0.80	-0.20	0.83	0.65	-1.00	1.60	0.06	0.00	0.00	1.88	-1.30	-0.33	0.00	1.69	-0.51	0.46	-0.50	-0.33	-0.61	0.46	-0.51	-8.062055251
5075	0.79	-0.88	0.91	-0.79	-1.02	1.60	-0.80	-0.40	0.87	0.83	-0.59	1.60	0.07	0.00	0.00	1.88	-1.26	-0.33	0.00	1.65	-1.07	1.77	-0.50	-0.33	-0.61	0.46	-0.51	-2.946229735
5076	0.49	-1.11	0.59	-0.79	-1.02	0.54	-0.80	-0.43	-0.03	1.37	-0.43	1.60	-0.27	0.00	0.00	1.88	-2.22	-0.33	0.00	2.04	-0.79	0.63	-0.50	-0.33	-0.61	0.46	-0.51	-15.41655517
5077	0.83	-1.54	0.66	-0.79	-0.68	0.54	-0.80	-0.17	0.45	1.92	-0.78	1.60	-0.08	0.00	0.00	1.88	-1.70	-0.33	0.00	2								

5116	-0.25	1.33	-1.68	1.59	0.71	-0.79	-0.94	1.41	-1.58	1.56	0.98	0.70	-0.85	0.00	0.00	-0.70	-0.73	-0.33	0.00	1.04	-0.51	0.24	-1.00	-0.33	-1.13	0.46	0.66	25.2218758
5117	-0.74	1.44	-0.83	1.59	0.71	-0.79	-0.94	1.69	-0.70	1.01	0.38	0.70	-0.52	0.00	0.00	-0.70	0.20	-0.33	0.00	0.80	-0.51	0.21	-1.25	-0.33	-1.13	-0.24	1.21	29.23537267
5118	-0.44	1.66	-0.83	1.59	0.71	-0.79	-0.94	1.72	-0.71	0.46	0.22	0.70	-0.52	0.00	0.00	-0.70	0.20	-0.33	0.00	0.41	-0.79	0.18	-1.25	-0.33	-1.13	-0.24	1.21	28.46747044
5119	-0.25	1.49	-0.66	1.59	0.71	0.27	-0.94	1.52	-0.67	0.65	0.63	0.70	-0.50	0.00	0.00	-0.70	0.23	-0.33	0.00	0.36	-1.35	1.48	-1.25	-0.33	-1.13	-0.24	1.21	33.58329559
5120	-0.55	1.26	-0.97	1.59	0.71	-0.79	-0.94	1.49	-1.57	1.19	0.79	0.70	-0.84	0.00	0.00	-0.70	-0.72	-0.33	0.00	0.76	-1.07	0.35	-1.25	-0.33	-1.13	-0.24	1.21	21.11297071
5121	-0.21	0.83	-0.91	1.59	1.06	-0.79	-0.94	1.76	-1.09	1.74	0.44	0.70	-0.66	0.00	0.00	-0.70	-0.21	-0.33	0.00	0.89	-0.51	-0.23	-1.00	-0.33	-1.13	0.46	0.66	20.6319043
5122	0.09	1.05	-0.91	1.59	1.06	-0.79	-0.94	1.79	-1.09	1.19	0.29	0.70	-0.66	0.00	0.00	-0.70	-0.21	-0.33	0.00	0.49	-0.79	-0.27	-1.00	-0.33	-1.13	0.46	0.66	19.86400207
5123	0.28	0.88	-0.73	1.59	1.06	0.80	-0.94	1.59	-0.14	1.37	0.69	0.70	-0.31	0.00	0.00	-0.70	0.79	-0.33	0.00	0.78	-0.79	1.58	-1.00	-0.33	-1.13	0.46	0.66	36.07738641
5124	-0.02	0.66	-1.05	1.59	1.06	-0.26	-0.94	1.56	-1.05	1.92	0.85	0.70	-0.65	0.00	0.00	-0.70	-0.17	-0.33	0.00	1.17	-0.51	0.44	-1.00	-0.33	-1.13	0.46	0.66	23.60705929
5125	0.03	0.23	0.41	0.80	2.79	-0.79	-0.94	2.33	0.37	1.74	0.58	0.70	-0.11	0.00	0.00	-0.70	1.34	-0.33	0.00	1.69	-0.51	1.13	0.25	-0.33	-0.09	1.16	0.11	43.94726729
5126	0.32	0.45	0.41	0.80	2.79	-0.79	-0.94	2.37	0.37	1.19	0.42	0.70	-0.11	0.00	0.00	-0.70	1.33	-0.33	0.00	1.30	-0.79	1.09	0.25	-0.33	-0.09	1.16	0.11	43.17936281
5127	0.51	0.28	0.58	0.80	2.79	0.27	-0.94	2.17	0.41	1.37	0.83	0.70	-0.10	0.00	0.00	-0.70	1.37	-0.33	0.00	1.25	-1.35	2.40	0.25	-0.33	-0.09	1.16	0.11	48.2951902
5128	0.22	0.06	0.26	0.80	2.79	-0.79	-0.94	2.14	-0.50	1.92	0.99	0.70	-0.44	0.00	0.00	-0.70	0.42	-0.33	0.00	1.65	-1.07	1.26	0.25	-0.33	-0.09	1.16	0.11	35.82486308
5129	0.67	0.70	-0.41	2.39	2.10	-0.26	-0.94	1.85	-0.49	2.28	0.61	0.70	-0.44	0.00	0.00	-0.70	0.42	-0.33	0.00	0.95	-0.51	0.29	-0.50	-0.33	-1.13	1.85	0.13	37.94648483
5130	0.97	0.93	-0.41	2.39	2.10	-0.26	-0.94	1.88	-0.49	1.74	0.45	0.70	-0.44	0.00	0.00	-0.70	0.42	-0.33	0.00	0.55	-0.79	0.25	-0.50	-0.33	-1.13	1.85	0.13	37.17857991
5131	1.16	0.75	-0.24	2.39	2.10	1.33	-0.94	1.69	0.46	1.92	0.86	0.70	-0.09	0.00	0.00	-0.70	1.41	-0.33	0.00	0.84	-0.79	2.10	-0.50	-0.33	-1.13	1.85	0.13	53.39196461
5132	0.87	0.53	-0.56	2.39	2.10	0.27	-0.94	1.65	-0.45	2.46	1.01	0.70	-0.43	0.00	0.00	-0.70	0.46	-0.33	0.00	1.23	-0.51	0.96	-0.50	-0.33	-1.13	1.85	0.13	40.92163954
5133	0.14	1.28	-0.33	0.80	1.06	-0.26	-0.94	1.79	-0.16	1.56	0.55	0.70	-0.32	0.00	0.00	-0.70	0.77	-0.33	0.00	0.86	-0.51	0.67	-0.75	-0.33	-1.13	1.16	0.65	33.58220221
5134	0.44	1.50	-0.33	0.80	1.06	-0.26	-0.94	1.82	-0.17	1.01	0.39	0.70	-0.32	0.00	0.00	-0.70	0.76	-0.33	0.00	0.47	-0.79	0.63	-0.75	-0.33	-1.13	1.16	0.65	32.81429756
5135	0.63	1.33	-0.16	0.80	1.06	0.80	-0.94	1.62	-0.13	1.19	0.79	0.70	-0.30	0.00	0.00	-0.70	0.80	-0.33	0.00	0.42	-1.35	1.93	-0.75	-0.33	-1.13	1.16	0.65	37.93012513
5136	0.34	1.10	-0.48	0.80	1.06	-0.26	-0.94	1.59	-1.03	1.74	0.95	0.70	-0.64	0.00	0.00	-0.70	-0.15	-0.33	0.00	0.82	-1.07	0.80	-0.75	-0.33	-1.13	1.16	0.65	25.459798
5137	-0.98	2.33	-2.04	0.00	0.02	-1.85	-0.94	1.39	-1.71	0.65	0.27	0.70	-0.89	0.00	0.00	-0.67	-0.90	-0.33	0.00	0.71	-0.51	-0.43	-1.25	-0.33	-1.13	-0.24	2.30	17.1593268
5138	-0.68	2.56	-2.04	0.00	0.02	-1.85	-0.94	1.42	-1.71	0.10	0.11	0.70	-0.89	0.00	0.00	-0.67	-0.90	-0.33	0.00	0.32	-0.79	-0.47	-1.25	-0.33	-1.13	-0.24	2.30	16.39142215
5139	-0.49	2.39	-1.86	0.00	0.02	-0.79	-0.94	1.23	-1.67	0.28	0.51	0.70	-0.88	0.00	0.00	-0.67	-0.86	-0.33	0.00	0.27	-1.35	0.84	-1.25	-0.33	-1.13	-0.24	2.30	21.50724972
5140	-0.78	2.16	-2.18	0.00	0.02	-1.85	-0.94	1.19	-2.57	0.83	0.67	0.70	-1.22	0.00	0.00	-0.67	-1.82	-0.33	0.00	0.67	-1.07	-0.30	-1.25	-0.33	-1.13	-0.24	2.30	9.036922425
5141	-0.45	1.73	-2.12	0.00	0.36	-1.85	-0.94	1.46	-2.09	1.37	0.33	0.70	-1.04	0.00	0.00	-0.67	-1.30	-0.33	0.00	0.80	-0.51	-0.88	-1.00	-0.33	-1.13	0.46	1.75	8.555858432
5142	-0.15	1.95	-2.12	0.00	0.36	-1.85	-0.94	1.49	-2.09	0.83	0.17	0.70	-1.04	0.00	0.00	-0.67	-1.30	-0.33	0.00	0.40	-0.79	-0.91	-1.00	-0.33	-1.13	0.46	1.75	7.787955833
5143	0.04	1.78	-1.94	0.00	0.36	-0.26	-0.94	1.29	-1.15	1.01	0.58	0.70	-0.69	0.00	0.00	-0.67	-0.31	-0.33	0.00	0.69	-0.79	0.93	-1.00	-0.33	-1.13	0.46	1.75	24.00133849
5144	-0.25	1.55	-2.26	0.00	0.36	-1.32	-0.94	1.26	-2.05	1.56	0.73	0.70	-1.02	0.00	0.00	-0.67	-1.26	-0.33	0.00	1.08	-0.51	-0.20	-1.00	-0.33	-1.13	0.46	1.75	11.53101323
5145	-0.98	2.30	-1.94	1.59	0.02	-1.05	-0.94	1.39	-1.62	0.46	0.27	0.70	-0.86	0.00	0.00	-0.67	-0.81	-0.33	0.00	0.65	-0.51	-0.28	-1.25	-0.33	-1.13	-0.24	2.21	29.55355636
5146	-0.68	2.52	-1.94	1.59	0.02	-1.05	-0.94	1.42	-1.63	-0.08	0.11	0.70	-0.86	0.00	0.00	-0.67	-0.81	-0.33	0.00	0.25	-0.79	-0.32	-1.25	-0.33	-1.13	-0.24	2.21	28.78565376
5147	-0.49	2.35	-1.76	1.59	0.02	0.01	-0.94	1.23	-1.59	0.10	0.51	0.70	-0.85	0.00	0.00	-0.67	-0.77	-0.33	0.00	0.21	-1.35	0.98	-1.25	-0.33	-1.13	-0.24	2.21	33.90147928
5148	-0.78	2.12	-2.08	1.59	0.02	-1.05	-0.94	1.19	-2.49	0.65	0.67	0.70	-1.19	0.00	0.00	-0.67	-1.73	-0.33	0.00	0.60	-1.07	-0.15	-1.25	-0.33	-1.13	-0.24	2.21	21.43115402
5149	-0.45	1.69	-2.02	1.59	0.36	-1.05	-0.94	1.46	-2.01	1.19	0.33	0.70	-1.01	0.00	0.00	-0.67	-1.22	-0.33	0.00	0.73	-0.51	-0.73	-1.00	-0.33	-1.13	0.46	1.66	20.95008985
5150	-0.15	1.91	-2.02	1.59	0.36	-1.05	-0.94	1.49	-2.01	0.65	0.17	0.70	-1.01	0.00	0.00	-0.67	-1.22	-0.33	0.00	0.33	-0.79	-0.77	-1.00	-0.33	-1.13	0.46	1.66	20.1821852
5151	0.04	1.74	-1.84	1.59	0.36	0.54	-0.94	1.29	-1.07	0.83	0.58	0.70	-0.65	0.00	0.00	-0.67	-0.22	-0.33	0.00	0.62	-0.79	1.08	-1.00	-0.33	-1.13	0.46	1.66	36.39557008
5152	-0.25	1.52	-2.16	1.59	0.36	-0.52	-0.94	1.26	-1.97	1.37	0.73	0.70	-0.99	0.00	0.00	-0.67	-1.18	-0.33	0.00	1.01	-0.51	-0.06	-1.00	-0.33	-1.13	0.46	1.66	23.92524259
5153	-0.74	1.62	-1.31	1.59	0.36	-0.52	-0.94	1.55	-1.10	0.83	0.14	0.70	-0.67	0.00	0.00	-0.67	-0.25	-0.33	0.00	0.78	-0.51	-0.09	-1.25	-0.33	-1.13	-0.24	1.65	27.93873985
5154	-0.44	1.84	-1.31	1.59	0.36	-0.52	-0.94	1.58	-1.10	0.28	-0.02	0.70	-0.67	0.00	0.00	-0.67	-0.26	-0.33	0.00	0.38	-0.79	-0.12	-1.25	-0.33	-1.13	-0.24	1.65	27.17083725
5155	-0.25	1.67	-1.14	1.59	0.36	0.54	-0.94	1.38	-1.06	0.46	0.39	0.70	-0.65	0.00	0.00	-0.67	-0.22	-0.33	0.00	0.34	-1.35	1.18	-1.25	-0.33	-1.13	-0.24	1.65	32.28666277
5156	-0.55	1.44	-1.46	1.59	0.36	-0.52	-0.94	1.35	-1.97	1.01	0.54	0.70	-0.99	0.00	0.00	-0.67	-1.17	-0.33	0.00	0.73	-1.07	0.05	-1.25	-0.33	-1.13	-0.24	1.65	19.81633733
5157	-0.21	1.01	-1.39	1.59	0.71	-0.52	-0.94	1.61	-1.48	1.56	0.20	0.70	-0.81	0.00	0.00	-0.67	-0.66	-0.33	0.00	0.86	-0.51	-0.53	-1.00	-0.33	-1.13	0.46	1.10	19.33527334
5158	0.09	1.24	-1.39	1.59	0.71	-0.52	-0.94	1.64	-1.48	1.01	0.04	0.70	-0.81	0.00	0.00	-0.67	-0.66	-0.33	0.00	0.47	-0.79	-0.57	-1.00	-0.33	-1.13	0.46	1.10	18.56736869
5159	0.28	1.06	-1.22	1.59	0.71	1.07	-0.94	1.45	-0.54	1.19	0.45	0.70	-0.46	0.00	0.00	-0.67	0.33	-0.33	0.00	0.75	-0.79	1.28	-1.00	-0.33	-1.13	0.46	1.10	34.7807534
5160	-0.02	0.84	-1.54	1.59	0.71	0.01	-0.94	1.41	-1.45	1.74	0.61	0.70	-0.80	0.00	0.00	-0.67	-0.62	-0.33	0.00	1.15	-0.51	0.14	-1.00	-0.33	-1.13	0.46	1.10	22.31042645
5161	0.03	0.41	-0.07	0.80	2.45	-0.52	-0.94</																					

5200	-0.55	1.37	-1.26	1.59	0.71	-0.26	-0.94	1.49	-1.80	1.01	0.38	0.70	-0.93	0.00	0.00	-0.67	-1.00	-0.33	0.00	0.71	-1.07	0.19	-1.25	-0.33	-1.13	-0.25	1.47	21.2868107
5201	-0.21	0.94	-1.20	1.59	1.06	-0.26	-0.94	1.76	-1.32	1.56	0.04	0.70	-0.75	0.00	0.00	-0.67	-0.49	-0.33	0.00	0.84	-0.51	-0.39	-1.00	-0.33	-1.13	0.46	0.92	20.80574634
5202	0.09	1.16	-1.20	1.59	1.06	-0.26	-0.94	1.79	-1.32	1.01	-0.12	0.70	-0.75	0.00	0.00	-0.67	-0.49	-0.33	0.00	0.44	-0.79	-0.42	-1.00	-0.33	-1.13	0.46	0.92	20.03784411
5203	0.28	0.99	-1.02	1.59	1.06	1.33	-0.94	1.59	-0.38	1.19	0.29	0.70	-0.40	0.00	0.00	-0.67	0.51	-0.33	0.00	0.73	-0.79	1.42	-1.00	-0.33	-1.13	0.46	0.92	36.2512264
5204	-0.02	0.77	-1.34	1.59	1.06	0.27	-0.94	1.56	-1.28	1.74	0.44	0.70	-0.74	0.00	0.00	-0.67	-0.45	-0.33	0.00	1.12	-0.51	0.29	-1.00	-0.33	-1.13	0.46	0.92	23.78090133
5205	0.03	0.34	0.12	0.80	2.79	-0.26	-0.94	2.33	0.14	1.56	0.18	0.70	-0.20	0.00	0.00	-0.67	1.06	-0.33	0.00	1.64	-0.51	0.98	0.25	-0.33	-0.09	1.16	0.38	44.12110747
5206	0.32	0.56	0.12	0.80	2.79	-0.26	-0.94	2.37	0.14	1.01	0.02	0.70	-0.20	0.00	0.00	-0.67	1.05	-0.33	0.00	1.25	-0.79	0.94	0.25	-0.33	-0.09	1.16	0.38	43.35320487
5207	0.51	0.39	0.29	0.80	2.79	0.80	-0.94	2.17	0.18	1.19	0.42	0.70	-0.19	0.00	0.00	-0.67	1.09	-0.33	0.00	1.20	-1.35	2.25	0.25	-0.33	-0.09	1.16	0.38	48.46903039
5208	0.22	0.17	-0.02	0.80	2.79	-0.26	-0.94	2.14	-0.73	1.74	0.58	0.70	-0.53	0.00	0.00	-0.67	0.14	-0.33	0.00	1.60	-1.07	1.11	0.25	-0.33	-0.09	1.16	0.38	35.99870512
5209	0.67	0.81	-0.70	2.39	2.10	0.27	-0.94	1.85	-0.72	2.10	0.20	0.70	-0.53	0.00	0.00	-0.67	0.14	-0.33	0.00	0.90	-0.51	0.13	-0.50	-0.33	-1.13	1.85	0.39	38.12032642
5210	0.97	1.04	-0.70	2.39	2.10	0.27	-0.94	1.88	-0.72	1.56	0.05	0.70	-0.53	0.00	0.00	-0.67	0.14	-0.33	0.00	0.50	-0.79	0.10	-0.50	-0.33	-1.13	1.85	0.39	37.35242195
5211	1.16	0.86	-0.53	2.39	2.10	1.86	-0.94	1.69	0.22	1.74	0.45	0.70	-0.17	0.00	0.00	-0.67	1.13	-0.33	0.00	0.79	-0.79	1.94	-0.50	-0.33	-1.13	1.85	0.39	53.56580665
5212	0.87	0.64	-0.84	2.39	2.10	0.80	-0.94	1.65	-0.68	2.28	0.61	0.70	-0.51	0.00	0.00	-0.67	0.18	-0.33	0.00	1.18	-0.51	0.81	-0.50	-0.33	-1.13	1.85	0.39	41.09547953
5213	0.14	1.39	-0.62	0.80	1.06	0.27	-0.94	1.79	-0.40	1.37	0.14	0.70	-0.40	0.00	0.00	-0.67	0.49	-0.33	0.00	0.81	-0.51	0.51	-0.75	-0.33	-1.13	1.16	0.92	33.75604239
5214	0.44	1.61	-0.62	0.80	1.06	0.27	-0.94	1.82	-0.40	0.83	-0.02	0.70	-0.40	0.00	0.00	-0.67	0.49	-0.33	0.00	0.42	-0.79	0.47	-0.75	-0.33	-1.13	1.16	0.92	32.98813979
5215	0.63	1.44	-0.45	0.80	1.06	1.33	-0.94	1.62	-0.36	1.01	0.39	0.70	-0.39	0.00	0.00	-0.67	0.52	-0.33	0.00	0.37	-1.35	1.78	-0.75	-0.33	-1.13	1.16	0.92	38.10396531
5216	0.34	1.21	-0.77	0.80	1.06	0.27	-0.94	1.59	-1.26	1.56	0.55	0.70	-0.73	0.00	0.00	-0.67	-0.43	-0.33	0.00	0.77	-1.07	0.65	-0.75	-0.33	-1.13	1.16	0.92	25.6363987
5217	0.18	0.74	-0.82	0.00	0.36	-1.32	-0.94	1.55	-0.68	0.65	-0.45	0.70	-0.51	0.00	0.00	0.42	-1.14	-0.33	0.00	0.59	-0.51	-1.61	-1.00	-0.33	-1.13	0.46	1.21	2.730205279
5218	0.47	0.97	-0.82	0.00	0.36	-1.32	-0.94	1.58	-0.69	0.10	-0.61	0.70	-0.51	0.00	0.00	0.42	-1.14	-0.33	0.00	0.20	-0.79	-1.65	-1.00	-0.33	-1.13	0.46	1.21	1.96230287
5219	0.67	0.80	-0.65	0.00	0.36	-0.26	-0.94	1.38	-0.65	0.28	-0.20	0.70	-0.50	0.00	0.00	0.42	-1.10	-0.33	0.00	0.15	-1.35	-0.34	-1.00	-0.33	-1.13	0.46	1.21	7.078130435
5220	0.37	0.57	-0.97	0.00	0.36	-1.32	-0.94	1.35	-1.55	0.83	-0.04	0.70	-0.84	0.00	0.00	0.42	-2.06	-0.33	0.00	0.55	-1.07	-1.47	-1.00	-0.33	-1.13	0.46	1.21	5.392196877
5221	0.71	0.14	-0.90	0.00	0.71	-1.32	-0.94	1.61	-1.07	1.37	-0.39	0.70	-0.65	0.00	0.00	0.42	-1.54	-0.33	0.00	0.68	-0.51	-2.05	-0.75	-0.33	-1.13	1.16	0.66	5.873261042
5222	1.00	0.36	-0.90	0.00	0.71	-1.32	-0.94	1.64	-1.07	0.83	-0.54	0.70	-0.65	0.00	0.00	0.42	-1.54	-0.33	0.00	0.28	-0.79	-2.09	-0.75	-0.33	-1.13	1.16	0.66	6.641165691
5223	1.20	0.19	-0.73	0.00	0.71	0.27	-0.94	1.45	-0.12	1.01	-0.14	0.70	-0.30	0.00	0.00	0.42	-0.55	-0.33	0.00	0.57	-0.79	-0.25	-0.75	-0.33	-1.13	1.16	0.66	9.572219188
5224	0.90	-0.04	-1.05	0.00	0.71	0.27	-0.94	1.41	-1.03	1.56	0.02	0.70	-0.64	0.00	0.00	0.42	-1.50	-0.33	0.00	0.96	-0.51	-1.38	-0.75	-0.33	-1.13	1.16	0.66	2.89810793
5225	0.94	-0.46	0.42	-0.79	2.45	-0.79	-0.94	2.19	0.39	1.37	-0.25	0.70	-0.11	0.00	0.00	0.42	0.00	-0.33	0.00	1.48	-0.51	-0.69	0.50	-0.33	-0.09	1.85	0.11	18.48803835
5226	1.24	-0.24	0.42	-0.79	2.45	-0.79	-0.94	2.22	0.39	0.83	-0.41	0.70	-0.11	0.00	0.00	0.42	0.00	-0.33	0.00	1.09	-0.79	-0.73	0.50	-0.33	-0.09	1.85	0.11	17.7201363
5227	1.43	-0.41	0.59	-0.79	2.45	0.27	-0.94	2.02	0.43	1.01	0.00	0.70	-0.09	0.00	0.00	0.42	0.04	-0.33	0.00	1.04	-1.35	0.57	0.50	-0.33	-0.09	1.85	0.11	22.83596182
5228	1.14	-0.63	0.27	-0.79	2.45	-0.79	-0.94	1.99	-0.48	1.56	0.16	0.70	-0.43	0.00	0.00	0.42	-0.92	-0.33	0.00	1.44	-1.07	-0.56	0.50	-0.33	-0.09	1.85	0.11	10.36563638
5229	1.59	0.01	-0.40	0.80	1.75	-0.26	-0.94	1.71	-0.47	1.92	-0.22	0.70	-0.43	0.00	0.00	0.42	-0.92	-0.33	0.00	0.74	-0.51	-1.54	-0.25	-0.33	-1.13	2.55	0.13	12.4872558
5230	1.89	0.24	-0.40	0.80	1.75	-0.26	-0.94	1.74	-0.47	1.37	-0.38	0.70	-0.43	0.00	0.00	0.42	-0.92	-0.33	0.00	0.34	-0.79	-1.58	-0.25	-0.33	-1.13	2.55	0.13	11.71935321
5231	2.08	0.06	-0.23	0.80	1.75	1.33	-0.94	1.54	0.48	1.56	0.03	0.70	-0.08	0.00	0.00	0.42	0.08	-0.33	0.00	0.63	-0.79	0.27	-0.25	-0.33	-1.13	2.55	0.13	27.93273586
5232	1.78	-0.16	-0.55	0.80	1.75	0.27	-0.94	1.51	-0.43	2.10	0.18	0.70	-0.42	0.00	0.00	0.42	-0.88	-0.33	0.00	1.02	-0.51	-0.86	-0.25	-0.33	-1.13	2.55	0.13	15.46241043
5233	1.06	0.59	-0.32	-0.79	0.71	-0.26	-0.94	1.64	-0.14	1.19	-0.28	0.70	-0.31	0.00	0.00	0.42	-0.57	-0.33	0.00	0.65	-0.51	-1.16	-0.50	-0.33	-1.13	1.85	0.65	8.122973632
5234	1.36	0.81	-0.32	-0.79	0.71	-0.26	-0.94	1.67	-0.15	0.65	-0.44	0.70	-0.31	0.00	0.00	0.42	-0.57	-0.33	0.00	0.26	-0.79	-1.20	-0.50	-0.33	-1.13	1.85	0.65	7.355069175
5235	1.55	0.64	-0.15	-0.79	0.71	0.80	-0.94	1.47	-0.11	0.83	-0.04	0.70	-0.29	0.00	0.00	0.42	-0.53	-0.33	0.00	0.21	-1.35	0.11	-0.50	-0.33	-1.13	1.85	0.65	12.47089674
5236	1.25	0.41	-0.47	-0.79	0.71	-0.26	-0.94	1.44	-1.01	1.37	0.12	0.70	-0.63	0.00	0.00	0.42	-1.49	-0.33	0.00	0.61	-1.07	-1.03	-0.50	-0.33	-1.13	1.85	0.65	0.000571304
5237	0.10	1.42	-1.45	0.00	0.02	-1.85	-0.94	1.39	-1.22	1.37	0.58	0.70	-0.71	0.00	0.00	0.08	-1.28	-0.33	0.00	1.03	-0.51	-0.61	-1.00	-0.33	-1.13	0.46	1.77	14.90906992
5238	0.39	1.65	-1.45	0.00	0.02	-1.85	-0.94	1.42	-1.22	0.83	0.43	0.70	-0.71	0.00	0.00	0.08	-1.29	-0.33	0.00	0.64	-0.79	-0.65	-1.00	-0.33	-1.13	0.46	1.77	14.14116527
5239	0.59	1.48	-1.28	0.00	0.02	-0.79	-0.94	1.23	-1.18	1.01	0.83	0.70	-0.70	0.00	0.00	0.08	-1.25	-0.33	0.00	0.59	-1.35	0.65	-1.00	-0.33	-1.13	0.46	1.77	19.25699284
5240	0.29	1.25	-1.60	0.00	0.02	-1.85	-0.94	1.19	-2.09	1.56	0.99	0.70	-1.04	0.00	0.00	0.08	-2.20	-0.33	0.00	0.99	-1.07	-0.48	-1.00	-0.33	-1.13	0.46	1.77	6.786667402
5241	0.63	0.82	-1.53	0.00	0.36	-1.85	-0.94	1.46	-1.60	2.10	0.65	0.70	-0.85	0.00	0.00	0.08	-1.69	-0.33	0.00	1.11	-0.51	-1.06	-0.75	-0.33	-1.13	1.16	1.22	6.30560136
5242	0.92	1.04	-1.53	0.00	0.36	-1.85	-0.94	1.49	-1.60	1.56	0.49	0.70	-0.86	0.00	0.00	0.08	-1.69	-0.33	0.00	0.72	-0.79	-1.10	-0.75	-0.33	-1.13	1.16	1.22	5.537698761
5243	1.12	0.87	-1.36	0.00	0.36	-0.26	-0.94	1.29	-0.66	1.74	0.89	0.70	-0.50	0.00	0.00	0.08	-0.70	-0.33	0.00	1.00	-0.79	0.75	-0.75	-0.33	-1.13	1.16	1.22	21.75108142
5244	0.82	0.64	-1.67	0.00	0.36	-1.32	-0.94	1.26	-1.57	2.28	1.05	0.70	-0.84	0.00	0.00	0.08	-1.65	-0.33	0.00	1.40	-0.51	-0.39	-0.75	-0.33	-1.13	1.16	1.22	9.280756155
5245	0.34	0.74	-0.82	0.00	0.36	-0.79	-0.94</																					

5284	-1.08	2.18	-2.22	0.00	0.36	-1.58	-0.94	2.00	-2.60	0.83	1.52	0.70	-1.23	0.00	0.00	-1.24	-1.14	-0.33	0.00	0.61	-1.07	-0.04	-1.75	-0.33	-1.65	-0.24	1.78	13.01967773
5285	-0.74	1.74	-2.15	0.00	0.71	-1.58	-0.94	2.26	-2.11	1.37	1.18	0.70	-1.05	0.00	0.00	-1.24	-0.63	-0.33	0.00	0.73	-0.51	-0.62	-1.50	-0.33	-1.65	0.46	1.79	12.53861356
5286	-0.45	1.97	-2.15	0.00	0.71	-1.58	-0.94	2.29	-2.11	0.83	1.02	0.70	-1.05	0.00	0.00	-1.24	-0.63	-0.33	0.00	0.34	-0.79	-0.66	-1.50	-0.33	-1.65	0.46	1.79	11.77070928
5287	-0.25	1.80	-1.98	0.00	0.71	0.01	-0.94	2.09	-1.17	1.01	1.43	0.70	-0.69	0.00	0.00	-1.24	0.36	-0.33	0.00	0.62	-0.79	1.19	-1.50	-0.33	-1.65	0.46	1.79	27.98409343
5288	-0.55	1.57	-2.30	0.00	0.71	-1.05	-0.94	2.06	-2.07	1.56	1.58	0.70	-1.03	0.00	0.00	-1.24	-0.59	-0.33	0.00	1.02	-0.51	0.06	-1.50	-0.33	-1.65	0.46	1.79	15.51376836
5289	-1.03	1.67	-1.45	0.00	0.71	-1.05	-0.94	2.35	-1.20	1.01	0.99	0.70	-0.70	0.00	0.00	-1.24	0.33	-0.33	0.00	0.78	-0.51	0.03	-1.75	-0.33	-1.65	-0.24	1.78	19.52726525
5290	-0.74	1.90	-1.45	0.00	0.71	-1.05	-0.94	2.38	-1.20	0.46	0.83	0.70	-0.71	0.00	0.00	-1.24	0.33	-0.33	0.00	0.39	-0.79	-0.01	-1.75	-0.33	-1.65	-0.24	1.78	18.75936114
5291	-0.55	1.73	-1.28	0.00	0.71	0.01	-0.94	2.18	-1.17	0.65	1.24	0.70	-0.69	0.00	0.00	-1.24	0.37	-0.33	0.00	0.34	-1.35	1.30	-1.75	-0.33	-1.65	-0.24	1.78	23.87518817
5292	-0.84	1.50	-1.60	0.00	0.71	-1.05	-0.94	2.15	-2.07	1.19	1.39	0.70	-1.03	0.00	0.00	-1.24	-0.59	-0.33	0.00	0.74	-1.07	0.16	-1.75	-0.33	-1.65	-0.24	1.78	11.40486123
5293	-0.50	1.06	-1.53	0.00	1.06	-1.05	-0.94	2.41	-1.59	1.74	1.05	0.70	-0.85	0.00	0.00	-1.24	-0.07	-0.33	0.00	0.87	-0.51	-0.42	-1.50	-0.33	-1.65	0.46	1.23	10.92379669
5294	-0.21	1.29	-1.53	0.00	1.06	-1.05	-0.94	2.44	-1.59	1.19	0.89	0.70	-0.85	0.00	0.00	-1.24	-0.08	-0.33	0.00	0.47	-0.79	-0.46	-1.50	-0.33	-1.65	0.46	1.23	10.15589278
5295	-0.02	1.12	-1.36	0.00	1.06	0.54	-0.94	2.25	-0.64	1.37	1.30	0.70	-0.50	0.00	0.00	-1.24	0.92	-0.33	0.00	0.76	-0.79	1.39	-1.50	-0.33	-1.65	0.46	1.23	26.36927729
5296	-0.31	0.89	-1.68	0.00	1.06	-0.52	-0.94	2.22	-1.55	1.92	1.46	0.70	-0.84	0.00	0.00	-1.24	-0.04	-0.33	0.00	1.15	-0.51	0.26	-1.50	-0.33	-1.65	0.46	1.23	13.89895185
5297	-0.27	0.47	-0.21	-0.79	2.79	-1.05	-0.94	2.99	-0.13	1.74	1.19	0.70	-0.30	0.00	0.00	-1.24	1.47	-0.33	0.00	1.67	-0.51	0.94	-0.25	-0.33	-0.61	1.16	0.68	34.23915799
5298	-0.03	0.69	-0.21	-0.79	2.79	-1.05	-0.94	3.02	-0.13	1.19	1.03	0.70	-0.30	0.00	0.00	-1.24	1.47	-0.33	0.00	1.28	-0.79	0.91	-0.25	-0.33	-0.61	1.16	0.68	33.47125539
5299	0.22	0.52	-0.04	-0.79	2.79	0.01	-0.94	2.82	-0.09	1.37	1.44	0.70	-0.29	0.00	0.00	-1.24	1.51	-0.33	0.00	1.23	-1.35	2.21	-0.25	-0.33	-0.61	1.16	0.68	38.58708091
5300	-0.08	0.29	-0.36	-0.79	2.79	-1.05	-0.94	2.79	-1.00	1.92	1.59	0.70	-0.63	0.00	0.00	-1.24	0.55	-0.33	0.00	1.63	-1.07	1.08	-0.25	-0.33	-0.61	1.16	0.68	26.11675584
5301	0.38	0.94	-1.03	0.80	2.10	-0.52	-0.94	2.51	-0.98	2.28	1.22	0.70	-0.63	0.00	0.00	-1.24	0.55	-0.33	0.00	0.93	-0.51	0.10	-1.00	-0.33	-1.65	1.85	0.70	28.23837509
5302	0.67	1.16	-1.03	0.80	2.10	-0.52	-0.94	2.54	-0.99	1.74	1.06	0.70	-0.63	0.00	0.00	-1.24	0.55	-0.33	0.00	0.53	-0.79	0.06	-1.00	-0.33	-1.65	1.85	0.70	27.47047285
5303	0.87	0.99	-0.86	0.80	2.10	1.07	-0.94	2.34	-0.04	1.92	1.46	0.70	-0.27	0.00	0.00	-1.24	1.55	-0.33	0.00	0.82	-0.79	1.91	-1.00	-0.33	-1.65	1.85	0.70	43.68385736
5304	0.57	0.77	-1.18	0.80	2.10	0.01	-0.94	2.31	-0.95	2.46	1.62	0.70	-0.61	0.00	0.00	-1.24	0.59	-0.33	0.00	1.21	-0.51	0.78	-1.00	-0.33	-1.65	1.85	0.70	31.21353025
5305	-0.15	1.51	-0.95	-0.79	1.06	-0.52	-0.94	2.44	-0.66	1.56	1.15	0.70	-0.50	0.00	0.00	-1.24	0.90	-0.33	0.00	0.84	-0.51	0.48	-1.25	-0.33	-1.65	1.16	1.22	23.87409291
5306	0.14	1.74	-0.95	-0.79	1.06	-0.52	-0.94	2.47	-0.67	1.01	1.00	0.70	-0.50	0.00	0.00	-1.24	0.90	-0.33	0.00	0.45	-0.79	0.44	-1.25	-0.33	-1.65	1.16	1.22	23.10619031
5307	0.33	1.57	-0.78	-0.79	1.06	0.54	-0.94	2.27	-0.63	1.19	1.40	0.70	-0.49	0.00	0.00	-1.24	0.94	-0.33	0.00	0.40	-1.35	1.75	-1.25	-0.33	-1.65	1.16	1.22	28.22201583
5308	0.04	1.34	-1.10	-0.79	1.06	-0.52	-0.94	2.24	-1.53	1.74	1.56	0.70	-0.83	0.00	0.00	-1.24	-0.02	-0.33	0.00	0.80	-1.07	0.61	-1.25	-0.33	-1.65	1.16	1.22	15.75169076
5309	-1.27	2.57	-2.66	-1.59	0.02	-2.64	-0.94	2.05	-2.20	0.65	0.87	0.70	-1.08	0.00	0.00	-1.21	-0.76	-0.33	0.00	0.69	-0.51	-0.62	-1.75	-0.33	-1.65	-0.24	2.87	6.393549585
5310	-0.98	2.80	-2.66	-1.59	0.02	-2.64	-0.94	2.08	-2.21	0.10	0.72	0.70	-1.08	0.00	0.00	-1.21	-0.76	-0.33	0.00	0.30	-0.79	-0.65	-1.75	-0.33	-1.65	-0.24	2.87	5.625646987
5311	-0.78	2.62	-2.49	-1.59	0.02	-1.58	-0.94	1.88	-2.17	0.28	1.12	0.70	-1.07	0.00	0.00	-1.21	-0.73	-0.33	0.00	0.25	-1.35	0.65	-1.75	-0.33	-1.65	-0.24	2.87	10.74147269
5312	-1.08	2.40	-2.81	-1.59	0.02	-2.64	-0.94	1.85	-3.07	0.83	1.28	0.70	-1.41	0.00	0.00	-1.21	-1.68	-0.33	0.00	0.65	-1.07	-0.48	-1.75	-0.33	-1.65	-0.24	2.87	-1.728852743
5313	-0.74	1.96	-2.74	-1.59	0.36	-2.64	-0.94	2.11	-2.59	1.37	0.94	0.70	-1.23	0.00	0.00	-1.21	-1.17	-0.33	0.00	0.78	-0.51	-1.06	-1.50	-0.33	-1.65	0.46	2.32	-2.209916736
5314	-0.45	2.19	-2.74	-1.59	0.36	-2.64	-0.94	2.15	-2.59	0.83	0.78	0.70	-1.23	0.00	0.00	-1.21	-1.17	-0.33	0.00	0.38	-0.79	-1.10	-1.50	-0.33	-1.65	0.46	2.32	-2.977821384
5315	-0.25	2.02	-2.57	-1.59	0.36	-1.05	-0.94	1.95	-1.65	1.01	1.18	0.70	-0.87	0.00	0.00	-1.21	-0.17	-0.33	0.00	0.67	-0.79	0.75	-1.50	-0.33	-1.65	0.46	2.32	13.23556332
5316	-0.55	1.79	-2.88	-1.59	0.36	-2.11	-0.94	1.92	-2.55	1.56	1.34	0.70	-1.21	0.00	0.00	-1.21	-1.13	-0.33	0.00	1.06	-0.51	-0.39	-1.50	-0.33	-1.65	0.46	2.32	0.765236377
5317	-1.27	2.53	-2.56	0.00	0.02	-1.85	-0.94	2.05	-2.12	0.46	0.87	0.70	-1.05	0.00	0.00	-1.21	-0.68	-0.33	0.00	0.62	-0.51	-0.47	-1.75	-0.33	-1.65	-0.24	2.78	18.78778119
5318	-0.98	2.76	-2.56	0.00	0.02	-1.85	-0.94	2.08	-2.13	-0.08	0.72	0.70	-1.05	0.00	0.00	-1.21	-0.68	-0.33	0.00	0.23	-0.79	-0.51	-1.75	-0.33	-1.65	-0.24	2.78	18.01987654
5319	-0.78	2.59	-2.39	0.00	0.02	-0.79	-0.94	1.88	-2.09	0.10	1.12	0.70	-1.04	0.00	0.00	-1.21	-0.64	-0.33	0.00	0.19	-1.35	0.80	-1.75	-0.33	-1.65	-0.24	2.78	23.13570411
5320	-1.08	2.36	-2.71	0.00	0.02	-1.85	-0.94	1.85	-2.99	0.65	1.28	0.70	-1.38	0.00	0.00	-1.21	-1.60	-0.33	0.00	0.58	-1.07	-0.34	-1.75	-0.33	-1.65	-0.24	2.78	10.66537662
5321	-0.74	1.93	-2.64	0.00	0.36	-1.85	-0.94	2.11	-2.51	1.19	0.94	0.70	-1.19	0.00	0.00	-1.21	-1.08	-0.33	0.00	0.71	-0.51	-0.92	-1.50	-0.33	-1.65	0.46	2.23	10.18431263
5322	-0.45	2.15	-2.64	0.00	0.36	-1.85	-0.94	2.15	-2.51	0.65	0.78	0.70	-1.20	0.00	0.00	-1.21	-1.08	-0.33	0.00	0.31	-0.79	-0.95	-1.50	-0.33	-1.65	0.46	2.23	9.416410033
5323	-0.25	1.98	-2.47	0.00	0.36	-0.26	-0.94	1.95	-1.56	0.83	1.18	0.70	-0.84	0.00	0.00	-1.21	-0.09	-0.33	0.00	0.60	-0.79	0.89	-1.50	-0.33	-1.65	0.46	2.23	25.62979269
5324	-0.55	1.75	-2.78	0.00	0.36	-1.32	-0.94	1.92	-2.47	1.37	1.34	0.70	-1.18	0.00	0.00	-1.21	-1.04	-0.33	0.00	0.99	-0.51	-0.24	-1.50	-0.33	-1.65	0.46	2.23	13.15946779
5325	-1.03	1.85	-1.93	0.00	0.36	-1.32	-0.94	2.20	-1.60	0.83	0.75	0.70	-0.85	0.00	0.00	-1.21	-0.12	-0.33	0.00	0.76	-0.51	-0.27	-1.75	-0.33	-1.65	-0.24	2.22	17.17296468
5326	-0.74	2.08	-1.94	0.00	0.36	-1.32	-0.94	2.23	-1.60	0.28	0.59	0.70	-0.85	0.00	0.00	-1.21	-0.12	-0.33	0.00	0.36	-0.79	-0.31	-1.75	-0.33	-1.65	-0.24	2.22	16.40506004
5327	-0.55	1.91	-1.76	0.00	0.36	-0.26	-0.94	2.03	-1.56	0.46	0.99	0.70	-0.84	0.00	0.00	-1.21	-0.08	-0.33	0.00	0.32	-1.35	1.00	-1.75	-0.33	-1.65	-0.24	2.22	21.5208876
5328	-0.84	1.68	-2.08	0.00	0.36	-1.32	-0.94	2.00	-2.47	1.01	1.15	0.70	-1.18	0.00	0.00	-1.21	-1.04	-0.33	0.00	0.71	-1.07	-0.14	-1.75	-0.33	-1.65	-0.24	2.22	9.050560485
5329	-0.50	1.25	-2.01	0.00	0.71	-1.32																						

5368	-0.55	1.68	-2.59	0.00	0.71	-1.05	-0.94	2.06	-2.31	1.37	1.18	0.70	-1.12	0.00	0.00	-1.21	-0.87	-0.33	0.00	0.97	-0.51	-0.10	-1.50	-0.33	-1.65	0.46	2.04	14.62994062
5369	-1.03	1.78	-1.74	0.00	0.71	-1.05	-0.94	2.35	-1.43	0.83	0.58	0.70	-0.79	0.00	0.00	-1.21	0.05	-0.33	0.00	0.73	-0.51	-0.12	-1.75	-0.33	-1.65	-0.24	2.04	18.64343751
5370	-0.74	2.01	-1.74	0.00	0.71	-1.05	-0.94	2.38	-1.44	0.28	0.43	0.70	-0.79	0.00	0.00	-1.21	0.05	-0.33	0.00	0.34	-0.79	-0.16	-1.75	-0.33	-1.65	-0.24	2.04	17.87553545
5371	-0.55	1.84	-1.57	0.00	0.71	0.01	-0.94	2.18	-1.40	0.46	0.83	0.70	-0.78	0.00	0.00	-1.21	0.09	-0.33	0.00	0.29	-1.35	1.14	-1.75	-0.33	-1.65	-0.24	2.04	22.99136043
5372	-0.84	1.61	-1.89	0.00	0.71	-1.05	-0.94	2.15	-2.30	1.01	0.99	0.70	-1.12	0.00	0.00	-1.21	-0.87	-0.33	0.00	0.69	-1.07	0.01	-1.75	-0.33	-1.65	-0.24	2.04	10.52103553
5373	-0.50	1.17	-1.82	0.00	1.06	-1.05	-0.94	2.41	-1.82	1.56	0.65	0.70	-0.94	0.00	0.00	-1.21	-0.35	-0.33	0.00	0.82	-0.51	-0.57	-1.50	-0.33	-1.65	0.46	1.49	10.039971
5374	-0.21	1.40	-1.82	0.00	1.06	-1.05	-0.94	2.44	-1.82	1.01	0.49	0.70	-0.94	0.00	0.00	-1.21	-0.36	-0.33	0.00	0.42	-0.79	-0.61	-1.50	-0.33	-1.65	0.46	1.49	9.272066893
5375	-0.02	1.23	-1.64	0.00	1.06	0.54	-0.94	2.25	-0.87	1.19	0.89	0.70	-0.58	0.00	0.00	-1.21	0.64	-0.33	0.00	0.71	-0.79	1.24	-1.50	-0.33	-1.65	0.46	1.49	25.4854516
5376	-0.31	1.00	-1.96	0.00	1.06	-0.52	-0.94	2.22	-1.78	1.74	1.05	0.70	-0.92	0.00	0.00	-1.21	-0.32	-0.33	0.00	1.10	-0.51	0.10	-1.50	-0.33	-1.65	0.46	1.49	13.01512411
5377	-0.27	0.58	-0.50	-0.79	2.79	-1.05	-0.94	2.99	-0.36	1.56	0.78	0.70	-0.39	0.00	0.00	-1.21	1.19	-0.33	0.00	1.62	-0.51	0.79	-0.25	-0.33	-0.61	1.16	0.95	33.3553323
5378	0.03	0.80	-0.50	-0.79	2.79	-1.05	-0.94	3.02	-0.36	1.01	0.63	0.70	-0.39	0.00	0.00	-1.21	1.19	-0.33	0.00	1.23	-0.79	0.75	-0.25	-0.33	-0.61	1.16	0.95	32.58742765
5379	0.22	0.63	-0.33	-0.79	2.79	0.01	-0.94	2.82	-0.32	1.19	1.03	0.70	-0.37	0.00	0.00	-1.21	1.23	-0.33	0.00	1.18	-1.35	2.06	-0.25	-0.33	-0.61	1.16	0.95	37.70325522
5380	-0.08	0.40	-0.65	-0.79	2.79	-1.05	-0.94	2.79	-1.23	1.74	1.19	0.70	-0.71	0.00	0.00	-1.21	0.27	-0.33	0.00	1.58	-1.07	0.93	-0.25	-0.33	-0.61	1.16	0.95	25.23293032
5381	0.38	1.05	-1.32	0.80	2.10	-0.52	-0.94	2.51	-1.22	2.10	0.81	0.70	-0.71	0.00	0.00	-1.21	0.27	-0.33	0.00	0.88	-0.51	-0.05	-1.00	-0.33	-1.65	1.85	0.96	27.3545492
5382	0.67	1.27	-1.32	0.80	2.10	-0.52	-0.94	2.54	-1.22	1.56	0.65	0.70	-0.71	0.00	0.00	-1.21	0.27	-0.33	0.00	0.48	-0.79	-0.09	-1.00	-0.33	-1.65	1.85	0.96	26.58664734
5383	0.87	1.10	-1.15	0.80	2.10	1.07	-0.94	2.34	-0.27	1.74	1.06	0.70	-0.36	0.00	0.00	-1.21	1.27	-0.33	0.00	0.77	-0.79	1.76	-1.00	-0.33	-1.65	1.85	0.96	42.80002943
5384	0.57	0.88	-1.47	0.80	2.10	0.01	-0.94	2.31	-1.18	2.28	1.22	0.70	-0.70	0.00	0.00	-1.21	0.31	-0.33	0.00	1.16	-0.51	0.62	-1.00	-0.33	-1.65	1.85	0.96	30.32970437
5385	-0.15	1.62	-1.24	-0.79	1.06	-0.52	-0.94	2.44	-0.89	1.37	0.75	0.70	-0.59	0.00	0.00	-1.21	0.62	-0.33	0.00	0.79	-0.51	0.33	-1.25	-0.33	-1.65	1.16	1.49	22.99026722
5386	0.14	1.85	-1.24	-0.79	1.06	-0.52	-0.94	2.47	-0.90	0.83	0.59	0.70	-0.59	0.00	0.00	-1.21	0.62	-0.33	0.00	0.40	-0.79	0.29	-1.25	-0.33	-1.65	1.16	1.49	22.2236257
5387	0.33	1.68	-1.07	-0.79	1.06	0.54	-0.94	2.27	-0.86	1.01	1.00	0.70	-0.58	0.00	0.00	-1.21	0.66	-0.33	0.00	0.35	-1.35	1.60	-1.25	-0.33	-1.65	1.16	1.49	27.33819014
5388	0.04	1.45	-1.39	-0.79	1.06	-0.52	-0.94	2.24	-1.76	1.56	1.15	0.70	-0.92	0.00	0.00	-1.21	-0.30	-0.33	0.00	0.75	-1.07	0.46	-1.25	-0.33	-1.65	1.16	1.49	14.86786302
5389	0.26	1.10	-0.50	0.00	0.71	-0.52	-0.94	1.72	-0.44	1.56	1.82	-0.38	2.50	0.00	0.00	-1.21	0.48	3.02	0.00	1.84	-0.51	-0.11	0.50	3.02	-0.09	-0.24	0.92	63.17903535
5390	0.56	1.33	-0.50	0.00	0.71	-0.52	-0.94	1.76	-0.44	1.01	1.67	-0.38	2.50	0.00	0.00	-1.21	0.48	3.02	0.00	1.44	-0.79	-0.15	0.50	3.02	-0.09	-0.24	0.92	62.41113275
5391	0.75	1.15	-0.33	0.00	0.71	0.54	-0.94	1.56	-0.40	1.19	2.07	-0.38	2.52	0.00	0.00	-1.21	0.52	3.02	0.00	1.40	-1.35	1.15	0.50	3.02	-0.09	-0.24	0.92	67.52695826
5392	0.45	0.93	-0.65	0.00	0.71	-0.52	-0.94	1.53	-1.31	1.74	2.23	-0.38	2.18	0.00	0.00	-1.21	-0.44	3.02	0.00	1.79	-1.07	0.02	0.50	3.02	-0.09	-0.24	0.92	55.05663319
5393	0.79	0.49	-0.58	0.00	1.06	-0.52	-0.94	1.79	-0.82	2.28	1.89	-0.38	2.36	0.00	0.00	-1.21	0.07	3.02	0.00	1.92	-0.51	-0.56	0.75	3.02	-0.09	0.46	0.36	54.57556884
5394	1.09	0.72	-0.58	0.00	1.06	-0.52	-0.94	1.82	-0.82	1.74	1.73	-0.38	2.36	0.00	0.00	-1.21	0.07	3.02	0.00	1.52	-0.79	-0.60	0.75	3.02	-0.09	0.46	0.36	53.80766455
5395	1.28	0.55	-0.41	0.00	1.06	1.07	-0.94	1.62	0.12	1.92	2.13	-0.38	2.71	0.00	0.00	-1.21	1.07	3.02	0.00	1.81	-0.79	1.25	0.75	3.02	-0.09	0.46	0.36	70.02104889
5396	0.98	0.32	-0.73	0.00	1.06	0.01	-0.94	1.59	-0.78	2.46	2.29	-0.38	2.37	0.00	0.00	-1.21	0.11	3.02	0.00	2.20	-0.51	0.11	0.75	3.02	-0.09	0.46	0.36	57.55072195
5397	-0.99	2.14	-1.55	0.00	0.36	-1.05	-0.94	1.59	-1.31	0.83	0.51	-0.38	-0.75	0.00	0.00	-1.21	-0.44	-0.33	0.00	1.58	-0.51	-0.21	-1.25	-0.33	-1.13	-0.24	1.86	19.79168614
5398	-0.70	2.36	-1.55	0.00	0.36	-1.05	-0.94	1.62	-1.31	0.28	0.35	-0.38	-0.75	0.00	0.00	-1.21	-0.45	-0.33	0.00	1.19	-0.79	-0.25	-1.25	-0.33	-1.13	-0.24	1.86	19.02378186
5399	-0.51	2.19	-1.38	0.00	0.36	0.01	-0.94	1.42	-1.27	0.46	0.76	-0.38	-0.73	0.00	0.00	-1.21	-0.41	-0.33	0.00	1.14	-1.35	1.06	-1.25	-0.33	-1.13	-0.24	1.86	24.13960924
5400	-0.80	1.97	-1.70	0.00	0.36	-1.05	-0.94	1.39	-2.18	1.01	0.91	-0.38	-1.07	0.00	0.00	-1.21	-1.36	-0.33	0.00	1.53	-1.07	-0.08	-1.25	-0.33	-1.13	-0.24	1.86	11.66928418
5401	-0.46	1.53	-1.63	0.00	0.71	-1.05	-0.94	1.66	-1.69	1.56	0.57	-0.38	-0.89	0.00	0.00	-1.21	-0.85	-0.33	0.00	1.66	-0.51	-0.66	-1.00	-0.33	-1.13	0.46	1.31	11.18821777
5402	-0.17	1.76	-1.63	0.00	0.71	-1.05	-0.94	1.69	-1.70	1.01	0.41	-0.38	-0.89	0.00	0.00	-1.21	-0.85	-0.33	0.00	1.27	-0.79	-0.70	-1.00	-0.33	-1.13	0.46	1.31	10.42031554
5403	0.03	1.58	-1.46	0.00	0.71	0.54	-0.94	1.49	-0.75	1.19	0.82	-0.38	-0.54	0.00	0.00	-1.21	-0.14	-0.33	0.00	1.55	-0.79	1.15	-1.00	-0.33	-1.13	0.46	1.31	26.63697872
5404	-0.27	1.36	-1.78	0.00	0.71	-0.52	-0.94	1.46	-1.66	1.74	0.98	-0.38	-0.88	0.00	0.00	-1.21	-0.81	-0.33	0.00	1.95	-0.51	0.02	-1.00	-0.33	-1.13	0.46	1.31	14.16337275
5405	-0.99	2.10	-1.45	1.59	0.36	-0.79	-0.94	1.59	-1.23	0.65	0.51	-0.38	-0.71	0.00	0.00	-1.21	-0.36	-0.33	0.00	1.51	-0.51	-0.06	-1.25	-0.33	-1.13	-0.24	1.77	31.1269465
5406	-0.70	2.33	-1.45	1.59	0.36	-0.79	-0.94	1.62	-1.23	0.10	0.35	-0.38	-0.72	0.00	0.00	-1.21	-0.36	-0.33	0.00	1.12	-0.79	-0.10	-1.25	-0.33	-1.13	-0.24	1.77	30.35904426
5407	-0.51	2.15	-1.28	1.59	0.36	0.27	-0.94	1.42	-1.19	0.28	0.76	-0.38	-0.70	0.00	0.00	-1.21	-0.32	-0.33	0.00	1.07	-1.35	1.20	-1.25	-0.33	-1.13	-0.24	1.77	35.47487146
5408	-0.80	1.93	-1.60	1.59	0.36	-0.79	-0.94	1.39	-2.10	0.83	0.91	-0.38	-1.04	0.00	0.00	-1.21	-1.28	-0.33	0.00	1.47	-1.07	0.07	-1.25	-0.33	-1.13	-0.24	1.77	23.00454434
5409	-0.46	1.49	-1.53	1.59	0.71	-0.79	-0.94	1.66	-1.61	1.37	0.57	-0.38	-0.86	0.00	0.00	-1.21	-0.76	-0.33	0.00	1.59	-0.51	-0.51	-1.00	-0.33	-1.13	0.46	1.22	22.52347998
5410	-0.17	1.72	-1.53	1.59	0.71	-0.79	-0.94	1.69	-1.61	0.83	0.41	-0.38	-0.86	0.00	0.00	-1.21	-0.77	-0.33	0.00	1.20	-0.79	-0.55	-1.00	-0.33	-1.13	0.46	1.22	21.7555757
5411	0.03	1.55	-1.36	1.59	0.71	0.80	-0.94	1.49	-0.67	1.01	0.82	-0.38	-0.51	0.00	0.00	-1.21	0.23	-0.33	0.00	1.48	-0.79	1.30	-1.00	-0.33	-1.13	0.46	1.22	37.96896004
5412	-0.27	1.32	-1.68	1.59	0.71	-0.26	-0.94	1.46	-1.58	1.56	0.98	-0.38	-0.85	0.00	0.00	-1.21	-0.73	-0.33	0.00	1.88	-0.51	0.16	-1.00	-0.33	-1.13	0.46	1.22	25.49863292
5413	-0.76	1.42	-0.83	1.59	0.71	-0.26	-0.94</																					

5452	-0.56	1.43	-1.46	1.59	0.36	0.01	-0.94	1.40	-1.97	1.01	0.54	-0.38	-0.99	0.00	0.00	-0.67	-1.18	-0.33	0.00	1.57	-1.07	-0.03	-1.25	-0.33	-1.13	-0.25	1.65	20.09309483
5453	-0.22	1.00	-1.39	1.59	0.71	0.01	-0.94	1.66	-1.48	1.56	0.20	-0.38	-0.81	0.00	0.00	-0.67	-0.66	-0.33	0.00	1.70	-0.51	-0.61	-1.00	-0.33	-1.13	0.46	1.10	19.61203047
5454	0.07	1.22	-1.39	1.59	0.71	0.01	-0.94	1.70	-1.48	1.01	0.04	-0.38	-0.81	0.00	0.00	-0.67	-0.66	-0.33	0.00	1.31	-0.79	-0.65	-1.00	-0.33	-1.13	0.46	1.10	18.84412824
5455	0.26	1.05	-1.22	1.59	0.71	1.60	-0.94	1.50	-0.54	1.19	0.45	-0.38	-0.46	0.00	0.00	-0.67	0.33	-0.33	0.00	1.59	-0.79	1.20	-1.00	-0.33	-1.13	0.46	1.10	35.05751052
5456	-0.03	0.82	-1.54	1.59	0.71	0.54	-0.94	1.47	-1.45	1.74	0.61	-0.38	-0.80	0.00	0.00	-0.67	-0.62	-0.33	0.00	1.99	-0.51	0.06	-1.00	-0.33	-1.13	0.46	1.10	22.58718563
5457	0.01	0.40	-0.07	0.80	2.45	0.01	-0.94	2.24	-0.02	1.56	0.34	-0.38	-0.26	0.00	0.00	-0.67	0.88	-0.33	0.00	2.51	-0.51	0.75	0.25	-0.33	-0.09	1.16	0.55	42.92739177
5458	0.31	0.62	-0.07	0.80	2.45	0.01	-0.94	2.27	-0.03	1.01	0.18	-0.38	-0.26	0.00	0.00	-0.67	0.88	-0.33	0.00	2.11	-0.79	0.71	0.25	-0.33	-0.09	1.16	0.55	42.15948917
5459	0.50	0.45	0.10	0.80	2.45	1.07	-0.94	2.07	0.01	1.19	0.59	-0.38	-0.25	0.00	0.00	-0.67	0.92	-0.33	0.00	2.07	-1.35	2.02	0.25	-0.33	-0.09	1.16	0.55	47.27531468
5460	0.20	0.23	-0.22	0.80	2.45	0.01	-0.94	2.04	-0.89	1.74	0.74	-0.38	-0.59	0.00	0.00	-0.67	-0.04	-0.33	0.00	2.46	-1.07	0.89	0.25	-0.33	-0.09	1.16	0.55	34.80498925
5461	0.66	0.87	-0.89	2.39	1.75	0.54	-0.94	1.76	-0.88	2.10	0.37	-0.38	-0.59	0.00	0.00	-0.67	-0.03	-0.33	0.00	1.76	-0.51	-0.09	-0.50	-0.33	-1.13	1.85	0.57	36.92661091
5462	0.95	1.10	-0.89	2.39	1.75	0.54	-0.94	1.79	-0.88	1.56	0.21	-0.38	-0.59	0.00	0.00	-0.67	-0.04	-0.33	0.00	1.37	-0.79	-0.13	-0.50	-0.33	-1.13	1.85	0.57	36.15870626
5463	1.15	0.92	-0.72	2.39	1.75	2.13	-0.94	1.59	0.06	1.74	0.61	-0.38	-0.23	0.00	0.00	-0.67	0.96	-0.33	0.00	1.65	-0.79	1.72	-0.50	-0.33	-1.13	1.85	0.57	52.37209078
5464	0.85	0.70	-1.04	2.39	1.75	1.07	-0.94	1.56	-0.85	2.28	0.77	-0.38	-0.57	0.00	0.00	-0.67	0.00	-0.33	0.00	2.05	-0.51	0.58	-0.50	-0.33	-1.13	1.85	0.57	39.90176366
5465	0.13	1.45	-0.81	0.80	0.71	0.54	-0.94	1.69	-0.56	1.37	0.30	-0.38	-0.46	0.00	0.00	-0.67	0.31	-0.33	0.00	1.68	-0.51	0.29	-0.75	-0.33	-1.13	1.16	1.09	32.56232669
5466	0.42	1.67	-0.82	0.80	0.71	0.54	-0.94	1.72	-0.56	0.83	0.15	-0.38	-0.46	0.00	0.00	-0.67	0.31	-0.33	0.00	1.28	-0.79	0.25	-0.75	-0.33	-1.13	1.16	1.09	31.79442409
5467	0.61	1.50	-0.64	0.80	0.71	1.60	-0.94	1.53	-0.52	1.01	0.55	-0.38	-0.45	0.00	0.00	-0.67	0.35	-0.33	0.00	1.24	-1.35	1.56	-0.75	-0.33	-1.13	1.16	1.09	36.9102496
5468	0.32	1.27	-0.96	0.80	0.71	0.54	-0.94	1.50	-1.43	1.56	0.71	-0.38	-0.79	0.00	0.00	-0.67	-0.61	-0.33	0.00	1.63	-1.07	0.42	-0.75	-0.33	-1.13	1.16	1.09	24.43992417
5469	0.26	1.21	-0.79	0.00	0.71	-0.52	-0.94	1.72	-0.67	1.37	1.42	-0.38	2.42	0.00	0.00	-0.67	0.20	3.02	0.00	1.79	-0.51	-0.27	0.50	3.02	-0.09	-0.24	1.18	62.30420682
5470	0.56	1.43	-0.79	0.00	0.71	-0.52	-0.94	1.76	-0.67	0.83	1.26	-0.38	2.41	0.00	0.00	-0.67	0.20	3.02	0.00	1.39	-0.79	-0.30	0.50	3.02	-0.09	-0.24	1.18	61.53630217
5471	0.75	1.26	-0.62	0.00	0.71	0.54	-0.94	1.56	-0.63	1.01	1.67	-0.38	2.43	0.00	0.00	-0.67	0.24	3.02	0.00	1.35	-1.35	1.00	0.50	3.02	-0.09	-0.24	1.18	66.65212974
5472	0.45	1.04	-0.94	0.00	0.71	-0.52	-0.94	1.53	-1.54	1.56	1.82	-0.38	2.09	0.00	0.00	-0.67	-0.72	3.02	0.00	1.74	-1.07	-0.13	0.50	3.02	-0.09	-0.24	1.18	54.18180262
5473	0.79	0.60	-0.87	0.00	1.06	-0.52	-0.94	1.79	-1.05	2.10	1.48	-0.38	2.27	0.00	0.00	-0.67	-0.20	3.02	0.00	1.87	-0.51	-0.71	0.75	3.02	-0.09	0.46	0.63	53.70073845
5474	1.09	0.83	-0.87	0.00	1.06	-0.52	-0.94	1.82	-1.05	1.56	1.32	-0.38	2.27	0.00	0.00	-0.67	-0.21	3.02	0.00	1.47	-0.79	-0.75	0.75	3.02	-0.09	0.46	0.63	52.93283622
5475	1.28	0.65	-0.70	0.00	1.06	1.07	-0.94	1.62	-0.11	1.74	1.73	-0.38	2.62	0.00	0.00	-0.67	0.79	3.02	0.00	1.76	-0.79	1.10	0.75	3.02	-0.09	0.46	0.63	69.14621832
5476	0.98	0.43	-1.02	0.00	1.06	0.01	-0.94	1.59	-1.02	2.28	1.89	-0.38	2.28	0.00	0.00	-0.67	-0.17	3.02	0.00	2.15	-0.51	-0.04	0.75	3.02	-0.09	0.46	0.63	56.67589325
5477	-0.99	2.25	-1.84	0.00	0.36	-0.52	-0.94	1.59	-1.54	0.65	0.10	-0.38	-0.83	0.00	0.00	-0.67	-0.72	-0.33	0.00	1.53	-0.51	-0.36	-1.25	-0.33	-1.13	-0.24	2.13	19.96552819
5478	-0.70	2.47	-1.84	0.00	0.36	-0.52	-0.94	1.62	-1.54	0.10	-0.05	-0.38	-0.83	0.00	0.00	-0.67	-0.73	-0.33	0.00	1.14	-0.79	-0.40	-1.25	-0.33	-1.13	-0.24	2.13	19.19762409
5479	-0.51	2.30	-1.67	0.00	0.36	0.54	-0.94	1.42	-1.50	0.28	0.35	-0.38	-0.82	0.00	0.00	-0.67	-0.69	-0.33	0.00	1.09	-1.35	0.90	-1.25	-0.33	-1.13	-0.24	2.13	24.31345111
5480	-0.80	2.08	-1.99	0.00	0.36	-0.52	-0.94	1.39	-2.41	0.83	0.51	-0.38	-1.16	0.00	0.00	-0.67	-0.38	-0.33	0.00	1.48	-1.07	-0.23	-1.25	-0.33	-1.13	-0.24	2.13	11.84312417
5481	-0.46	1.64	-1.92	0.00	0.71	-0.52	-0.94	1.66	-1.93	1.37	0.17	-0.38	-0.98	0.00	0.00	-0.67	-1.13	-0.33	0.00	1.61	-0.51	-0.81	-1.00	-0.33	-1.13	0.46	1.57	11.36205963
5482	-0.17	1.87	-1.92	0.00	0.71	-0.52	-0.94	1.69	-1.93	0.83	0.01	-0.38	-0.98	0.00	0.00	-0.67	-1.13	-0.33	0.00	1.22	-0.79	-0.85	-1.00	-0.33	-1.13	0.46	1.57	10.59415553
5483	0.03	1.69	-1.75	0.00	0.71	1.07	-0.94	1.49	-0.98	1.01	0.41	-0.38	-0.62	0.00	0.00	-0.67	-0.14	-0.33	0.00	1.50	-0.79	1.00	-1.00	-0.33	-1.13	0.46	1.57	26.80753986
5484	-0.27	1.47	-2.07	0.00	0.71	0.01	-0.94	1.46	-1.89	1.56	0.57	-0.38	-0.96	0.00	0.00	-0.67	-1.09	-0.33	0.00	1.90	-0.51	-0.14	-1.00	-0.33	-1.13	0.46	1.57	14.3372148
5485	-0.99	2.21	-1.74	1.59	0.36	-0.26	-0.94	1.59	-1.46	0.46	0.10	-0.38	-0.80	0.00	0.00	-0.67	-0.64	-0.33	0.00	1.46	-0.51	-0.22	-1.25	-0.33	-1.13	-0.24	2.04	31.30078854
5486	-0.70	2.44	-1.74	1.59	0.36	-0.26	-0.94	1.62	-1.46	-0.08	-0.05	-0.38	-0.80	0.00	0.00	-0.67	-0.64	-0.33	0.00	1.07	-0.79	-0.26	-1.25	-0.33	-1.13	-0.24	2.04	30.5328863
5487	-0.51	2.26	-1.57	1.59	0.36	0.80	-0.94	1.42	-1.42	0.10	0.35	-0.38	-0.79	0.00	0.00	-0.67	-0.60	-0.33	0.00	1.02	-1.35	1.05	-1.25	-0.33	-1.13	-0.24	2.04	35.64871145
5488	-0.80	2.04	-1.89	1.59	0.36	-0.26	-0.94	1.39	-2.33	0.65	0.51	-0.38	-1.13	0.00	0.00	-0.67	-1.56	-0.33	0.00	1.42	-1.07	-0.08	-1.25	-0.33	-1.13	-0.24	2.04	23.17838639
5489	-0.46	1.60	-1.82	1.59	0.71	-0.26	-0.94	1.66	-1.84	1.19	0.17	-0.38	-0.95	0.00	0.00	-0.67	-1.04	-0.33	0.00	1.54	-0.51	-0.66	-1.00	-0.33	-1.13	0.46	1.48	22.69731998
5490	-0.17	1.83	-1.82	1.59	0.71	-0.26	-0.94	1.69	-1.85	0.65	0.01	-0.38	-0.95	0.00	0.00	-0.67	-1.05	-0.33	0.00	1.15	-0.79	-0.70	-1.00	-0.33	-1.13	0.46	1.48	21.92941774
5491	0.03	1.66	-1.65	1.59	0.71	1.33	-0.94	1.49	-0.90	0.83	0.41	-0.38	-0.59	0.00	0.00	-0.67	-0.05	-0.33	0.00	1.43	-0.79	1.15	-1.00	-0.33	-1.13	0.46	1.48	38.14280208
5492	-0.27	1.43	-1.97	1.59	0.71	0.27	-0.94	1.46	-1.81	1.37	0.57	-0.38	-0.93	0.00	0.00	-0.67	-1.01	-0.33	0.00	1.83	-0.51	0.01	-1.00	-0.33	-1.13	0.46	1.48	25.67247496
5493	-0.76	1.53	-1.12	1.59	0.71	0.27	-0.94	1.74	-0.93	0.83	-0.02	-0.38	-0.60	0.00	0.00	-0.67	-0.08	-0.33	0.00	1.59	-0.51	-0.02	-1.25	-0.33	-1.13	-0.24	1.47	29.68597186
5494	-0.46	1.76	-1.12	1.59	0.71	0.27	-0.94	1.78	-0.94	0.28	-0.18	-0.38	-0.61	0.00	0.00	-0.67	-0.08	-0.33	0.00	1.20	-0.79	-0.06	-1.25	-0.33	-1.13	-0.24	1.47	28.9180698
5495	-0.27	1.59	-0.94	1.59	0.71	1.33	-0.94	1.58	-0.90	0.46	0.22	-0.38	-0.59	0.00	0.00	-0.67	-0.05	-0.33	0.00	1.15	-1.35	1.25	-1.25	-0.33	-1.13	-0.24	1.47	34.03389477
5496	-0.56	1.36	-1.26	1.59	0.71	0.27	-0.94	1.55	-1.80	1.01	0.38	-0.38	-0.93	0.00	0.00	-0.67	-1.00	-0.33	0.00	1.55	-1.07	0.12	-1.25	-0.33	-1.13	-0.24	1.47	21.56356988
5497	-0.22	0.92	-1.20	1.59	1.06	0.27	-0																					

5536	0.27	1.24	-1.60	0.00	0.02	-1.32	-0.94	1.25	-2.09	1.56	0.99	-0.38	-1.04	0.00	0.08	-2.20	-0.33	0.00	1.83	-1.07	-0.56	-1.00	-0.33	-1.13	0.46	1.22	7.063424528	
5537	0.61	0.80	-1.53	0.00	0.36	-1.32	-0.94	1.51	-1.60	2.10	0.65	-0.38	-0.85	0.00	0.08	-1.69	-0.33	0.00	1.95	-0.51	-1.14	-0.75	-0.33	-1.13	1.16	1.22	6.582360535	
5538	0.91	1.03	-1.53	0.00	0.36	-1.32	-0.94	1.54	-1.60	1.56	0.49	-0.38	-0.86	0.00	0.08	-1.69	-0.33	0.00	1.56	-0.79	-1.18	-0.75	-0.33	-1.13	1.16	1.22	5.814455888	
5539	1.10	0.86	-1.36	0.00	0.36	0.27	-0.94	1.35	-0.66	1.74	0.89	-0.38	-0.50	0.00	0.08	-0.70	-0.33	0.00	1.84	-0.79	0.67	-0.75	-0.33	-1.13	1.16	1.22	22.02784059	
5540	0.80	0.63	-1.67	0.00	0.36	-0.79	-0.94	1.31	-1.57	2.28	1.05	-0.38	-0.84	0.00	0.08	-1.65	-0.33	0.00	2.24	-0.51	-0.46	-0.75	-0.33	-1.13	1.16	1.22	9.557513475	
5541	0.32	0.73	-0.82	0.00	0.36	-0.26	-0.94	1.60	-0.69	1.74	0.46	-0.38	-0.51	0.00	0.08	-0.73	-0.33	0.00	2.00	-0.51	-0.50	-1.00	-0.33	-1.13	0.46	1.21	14.61970527	
5542	0.61	0.96	-0.83	0.00	0.36	-0.26	-0.94	1.63	-0.70	1.19	0.30	-0.38	-0.51	0.00	0.08	-0.73	-0.33	0.00	1.61	-0.79	-0.53	-1.00	-0.33	-1.13	0.46	1.21	13.85180116	
5543	0.81	0.79	-0.65	0.00	0.36	0.80	-0.94	1.43	-0.66	1.37	0.70	-0.38	-0.50	0.00	0.08	-0.69	-0.33	0.00	1.56	-1.35	0.77	-1.00	-0.33	-1.13	0.46	1.21	18.96762819	
5544	0.51	0.56	-0.97	0.00	0.36	-0.26	-0.94	1.40	-1.56	1.92	0.86	-0.38	-0.84	0.00	0.08	-1.65	-0.33	0.00	1.96	-1.07	-0.36	-1.00	-0.33	-1.13	0.46	1.21	6.497301242	
5545	0.85	0.12	-0.90	0.00	0.71	-0.26	-0.94	1.66	-1.08	2.46	0.52	-0.38	-0.66	0.00	0.08	-1.14	-0.33	0.00	2.09	-0.51	-0.94	-0.75	-0.33	-1.13	1.16	0.66	6.016236709	
5546	1.15	0.35	-0.90	0.00	0.71	-0.26	-0.94	1.70	-1.08	1.92	0.36	-0.38	-0.66	0.00	0.08	-1.14	-0.33	0.00	1.69	-0.79	-0.98	-0.75	-0.33	-1.13	1.16	0.66	5.24832792	
5547	1.34	0.18	-0.73	0.00	0.71	1.33	-0.94	1.50	-0.13	2.10	0.77	-0.38	-0.31	0.00	0.08	-0.14	-0.33	0.00	1.98	-0.79	0.87	-0.75	-0.33	-1.13	1.16	0.66	21.46171694	
5548	1.04	-0.05	-1.05	0.00	0.71	0.27	-0.94	1.47	-1.04	2.65	0.92	-0.38	-0.64	0.00	0.08	-1.10	-0.33	0.00	2.37	-0.51	-0.27	-0.75	-0.33	-1.13	1.16	0.66	8.991391871	
5549	1.09	-0.47	0.41	-0.79	2.45	-0.26	-0.94	2.24	0.38	2.46	0.66	-0.38	-0.11	0.00	0.08	0.41	-0.33	0.00	2.89	-0.51	0.42	0.50	-0.33	-0.09	1.85	0.11	29.33159801	
5550	1.38	-0.25	0.41	-0.79	2.45	-0.26	-0.94	2.27	0.38	1.92	0.50	-0.38	-0.11	0.00	0.08	0.41	-0.33	0.00	2.50	-0.79	0.38	0.50	-0.33	-0.09	1.85	0.11	28.56369541	
5551	1.57	-0.42	0.59	-0.79	2.45	0.80	-0.94	2.07	0.42	2.10	0.90	-0.38	-0.10	0.00	0.08	0.45	-0.33	0.00	2.46	-1.35	1.69	0.50	-0.33	-0.09	1.85	0.11	33.67952093	
5552	1.28	-0.65	0.27	-0.79	2.45	-0.26	-0.94	2.04	-0.49	2.65	1.06	-0.38	-0.44	0.00	0.08	-0.51	-0.33	0.00	2.85	-1.07	0.55	0.50	-0.33	-0.09	1.85	0.11	21.20919549	
5553	1.73	0.00	-0.41	0.80	1.75	0.27	-0.94	1.76	-0.48	3.01	0.68	-0.38	-0.43	0.00	0.08	-0.51	-0.33	0.00	2.15	-0.51	-0.42	-0.25	-0.33	-1.13	2.55	0.13	23.3308151	
5554	2.03	0.22	-0.41	0.80	1.75	0.27	-0.94	1.79	-0.48	2.46	0.53	-0.38	-0.44	0.00	0.08	-0.51	-0.33	0.00	1.75	-0.79	-0.46	-0.25	-0.33	-1.13	2.55	0.13	22.5629125	
5555	2.22	0.05	-0.23	0.80	1.75	1.86	-0.94	1.59	0.47	2.65	0.93	-0.38	-0.08	0.00	0.08	0.49	-0.33	0.00	2.04	-0.79	1.39	-0.25	-0.33	-1.13	2.55	0.13	38.77629533	
5556	1.92	-0.17	-0.55	0.80	1.75	0.80	-0.94	1.56	-0.44	3.19	1.09	-0.38	-0.42	0.00	0.08	-0.47	-0.33	0.00	2.43	-0.51	0.25	-0.25	-0.33	-1.13	2.55	0.13	26.30597026	
5557	1.20	0.57	-0.33	-0.79	2.71	0.27	-0.94	1.69	-0.15	2.28	0.62	-0.38	-0.31	0.00	0.08	-0.16	-0.33	0.00	2.06	-0.51	-0.04	-0.50	-0.33	-1.13	1.85	0.65	18.96653293	
5558	1.50	0.80	-0.33	-0.79	2.71	0.27	-0.94	1.72	-0.16	1.74	0.46	-0.38	-0.31	0.00	0.08	-0.16	-0.33	0.00	1.67	-0.79	-0.08	-0.50	-0.33	-1.13	1.85	0.65	18.19862828	
5559	1.69	0.63	-0.15	-0.79	2.71	1.33	-0.94	1.53	-0.12	1.92	0.87	-0.38	-0.30	0.00	0.08	-0.12	-0.33	0.00	1.62	-1.35	1.22	-0.50	-0.33	-1.13	1.85	0.65	23.31445585	
5560	1.39	0.40	-0.47	-0.79	2.71	0.27	-0.94	1.50	-1.02	2.46	1.03	-0.38	-0.64	0.00	0.08	-1.08	-0.33	0.00	2.02	-1.07	0.09	-0.50	-0.33	-1.13	1.85	0.65	10.8413041	
5561	-0.04	1.34	-1.13	-1.59	0.71	-0.79	-0.94	2.38	-0.94	1.56	2.43	-0.38	-2.31	0.00	0.00	-1.24	0.61	3.02	0.00	1.81	-0.51	-0.30	0.00	3.02	-0.61	-0.24	1.49	53.47092791
5562	0.26	1.56	-1.13	-1.59	0.71	-0.79	-0.94	2.41	-0.94	1.01	2.27	-0.38	2.31	0.00	0.00	-1.24	0.61	3.02	0.00	1.42	-0.79	-0.34	0.00	3.02	-0.61	-0.24	1.49	52.70302382
5563	0.45	1.39	-0.95	-1.59	0.71	0.27	-0.94	2.21	-0.90	1.19	2.68	-0.38	2.33	0.00	0.00	-1.24	0.65	3.02	0.00	1.37	-1.35	0.97	0.00	3.02	-0.61	-0.24	1.49	57.81885102
5564	0.16	1.16	-1.27	-1.59	0.71	-0.79	-0.94	2.18	-1.80	1.74	2.84	-0.38	1.99	0.00	0.00	-1.24	-0.31	3.02	0.00	1.77	-1.07	-0.17	0.00	3.02	-0.61	-0.24	1.49	45.3485239
5565	0.49	0.73	-1.20	-1.59	1.06	-0.79	-0.94	2.45	-1.32	2.28	2.49	-0.38	2.17	0.00	0.00	-1.24	0.21	3.02	0.00	1.90	-0.51	-0.75	0.25	3.02	-0.61	0.46	0.93	44.86745954
5566	0.79	0.95	-1.21	-1.59	1.06	-0.79	-0.94	2.48	-1.32	1.74	2.34	-0.38	2.17	0.00	0.00	-1.24	0.21	3.02	0.00	1.50	-0.79	-0.78	0.25	3.02	-0.61	0.46	0.93	44.09955526
5567	0.98	0.78	-1.03	-1.59	1.06	0.80	-0.94	2.28	-0.38	1.92	2.74	-0.38	2.52	0.00	0.00	-1.24	1.20	3.02	0.00	1.79	-0.79	1.06	0.25	3.02	-0.61	0.46	0.93	60.31293996
5568	0.69	0.56	-1.35	-1.59	1.06	-0.26	-0.94	2.25	-1.28	2.46	2.90	-0.38	2.18	0.00	0.00	-1.24	0.24	3.02	0.00	2.18	-0.51	-0.07	0.25	3.02	-0.61	0.46	0.93	47.8426147
5569	-1.29	2.38	-2.18	-1.59	0.36	-1.32	-0.94	2.25	-1.81	0.83	1.12	-0.38	-0.93	0.00	0.00	-1.24	-0.31	-0.33	0.00	1.56	-0.51	-0.40	-1.75	-0.33	-1.65	-0.24	2.43	10.08357667
5570	-0.99	2.60	-2.18	-1.59	0.36	-1.32	-0.94	2.28	-1.81	0.28	0.96	-0.38	-0.93	0.00	0.00	-1.24	-0.31	-0.33	0.00	1.16	-0.79	-0.44	-1.75	-0.33	-1.65	-0.24	2.43	9.31567461
5571	-0.80	2.43	-2.00	-1.59	0.36	-0.26	-0.94	2.08	-1.77	0.46	1.36	-0.38	-0.92	0.00	0.00	-1.24	-0.27	-0.33	0.00	1.12	-1.35	0.87	-1.75	-0.33	-1.65	-0.24	2.43	14.43150163
5572	-1.10	2.20	-2.32	-1.59	0.36	-1.32	-0.94	2.05	-2.68	1.01	1.52	-0.38	-1.26	0.00	0.00	-1.24	-1.23	-0.33	0.00	1.51	-1.07	-0.26	-1.75	-0.33	-1.65	-0.24	2.43	1.96117469
5573	-0.76	1.77	-2.25	-1.59	0.71	-1.32	-0.94	2.31	-2.19	1.56	1.18	-0.38	-1.08	0.00	0.00	-1.24	-0.72	-0.33	0.00	1.64	-0.51	-0.84	-1.50	-0.33	-1.65	0.46	1.88	1.480110157
5574	-0.46	1.99	-2.25	-1.59	0.71	-1.32	-0.94	2.34	-2.20	1.01	1.02	-0.38	-1.08	0.00	0.00	-1.24	-0.72	-0.33	0.00	1.25	-0.79	-0.88	-1.50	-0.33	-1.65	0.46	1.88	0.71220624
5575	-0.27	1.82	-2.08	-1.59	0.71	0.27	-0.94	2.15	-1.25	1.19	1.43	-0.38	-0.72	0.00	0.00	-1.24	0.28	-0.33	0.00	1.53	-0.79	0.97	-1.50	-0.33	-1.65	0.46	1.88	16.92559075
5576	-0.57	1.60	-2.40	-1.59	0.71	-0.79	-0.94	2.12	-2.16	1.74	1.58	-0.38	-1.06	0.00	0.00	-1.24	-0.68	-0.33	0.00	1.93	-0.51	-0.17	-1.50	-0.33	-1.65	0.46	1.88	4.455263269
5577	-1.29	2.34	-2.08	0.00	0.36	-1.05	-0.94	2.25	-1.73	0.65	1.12	-0.38	-0.90	0.00	0.00	-1.24	-0.22	-0.33	0.00	1.49	-0.51	-0.25	-1.75	-0.33	-1.65	-0.24	2.34	21.41883889
5578	-0.99	2.56	-2.08	0.00	0.36	-1.05	-0.94	2.28	-1.73	0.10	0.96	-0.38	-0.90	0.00	0.00	-1.24	-0.23	-0.33	0.00	1.10	-0.79	-0.29	-1.75	-0.33	-1.65	-0.24	2.34	20.65093478
5579	-0.80	2.39	-1.90	0.00	0.36	0.01	-0.94	2.08	-1.69	0.28	1.36	-0.38	-0.89	0.00	0.00	-1.24	-0.19	-0.33	0.00	1.05	-1.35	1.02	-1.75	-0.33	-1.65	-0.24	2.34	25.7667618
5580	-1.10	2.17	-2.22	0.00	0.36	-1.05	-0.94	2.05	-2.60	0.83	1.52	-0.38	-1.23	0.00	0.00	-1.24	-1.14	-0.33	0.00	1.45	-1.07	-0.12	-1.75	-0.33	-1.65	-0.24	2.34	13.29643691
5581	-0.76	1.73	-2.15	0.00	0.71	-1.05	-0.94	2.31	-2.11	1.37	1.18	-0.38	-1.05	0.00	0.00	-1.24	-0.63	-0.33	0.00	1.57	-0.51	-0.70	-1.50	-0.33	-1.65	0.46	1.79	12.81537052
5582	-0.46	1.96																										

5620	-0.57	1.74	-2.78	0.00	0.36	-0.79	-0.94	1.97	-2.47	1.37	1.34	-0.38	-1.18	0.00	0.00	-1.21	-1.05	-0.33	0.00	1.83	-0.51	-0.32	-1.50	-0.33	-1.65	0.46	1.23	13.43622492
5621	-1.05	1.84	-1.93	0.00	0.36	-0.79	-0.94	2.25	-1.60	0.83	0.75	-0.38	-0.85	0.00	0.00	-1.21	-0.12	-0.33	0.00	1.60	-0.51	-0.35	-1.75	-0.33	-1.65	-0.24	2.22	17.44972181
5622	-0.76	2.07	-1.94	0.00	0.36	-0.79	-0.94	2.28	-1.60	0.28	0.59	-0.38	-0.85	0.00	0.00	-1.21	-0.12	-0.33	0.00	1.20	-0.79	-0.39	-1.75	-0.33	-1.65	-0.24	2.22	16.68181958
5623	-0.56	1.90	-1.76	0.00	0.36	0.27	-0.94	2.09	-1.56	0.46	0.99	-0.38	-0.84	0.00	0.00	-1.21	-0.08	-0.33	0.00	1.16	-1.35	0.92	-1.75	-0.33	-1.65	-0.24	2.22	21.79764473
5624	-0.86	1.67	-2.08	0.00	0.36	-0.79	-0.94	2.06	-2.47	1.01	1.15	-0.38	-1.18	0.00	0.00	-1.21	-1.04	-0.33	0.00	1.55	-1.07	-0.22	-1.75	-0.33	-1.65	-0.24	2.22	9.32731966
5625	-0.52	1.23	-2.01	0.00	0.71	-0.79	-0.94	2.32	-1.98	1.56	0.81	-0.38	-1.00	0.00	0.00	-1.21	-0.53	-0.33	0.00	1.68	-0.51	-0.80	-1.50	-0.33	-1.65	0.46	1.67	8.8462553
5626	-0.23	1.46	-2.01	0.00	0.71	-0.79	-0.94	2.35	-1.98	1.01	0.65	-0.38	-1.00	0.00	0.00	-1.21	-0.53	-0.33	0.00	1.29	-0.79	-0.83	-1.50	-0.33	-1.65	0.46	1.67	8.078351019
5627	-0.03	1.29	-1.84	0.00	0.71	0.80	-0.94	2.15	-1.04	1.19	1.06	-0.38	-0.64	0.00	0.00	-1.21	-0.38	-0.33	0.00	1.57	-0.79	1.01	-1.50	-0.33	-1.65	0.46	1.67	24.29173572
5628	-0.33	1.06	-2.16	0.00	0.71	-0.26	-0.94	2.12	-1.94	1.74	1.21	-0.38	-0.98	0.00	0.00	-1.21	-0.49	-0.33	0.00	1.96	-0.51	-0.12	-1.50	-0.33	-1.65	0.46	1.67	11.82140841
5629	-0.29	0.64	-0.70	-0.79	2.45	-0.79	-0.94	2.90	-0.52	1.56	0.95	-0.38	-0.45	0.00	0.00	-1.21	1.02	-0.33	0.00	2.49	-0.51	0.57	-0.25	-0.33	-0.61	1.16	1.12	32.1616166
5630	0.01	0.86	-0.70	-0.79	2.45	-0.79	-0.94	2.93	-0.52	1.01	0.79	-0.38	-0.45	0.00	0.00	-1.21	1.02	-0.33	0.00	2.09	-0.79	0.53	-0.25	-0.33	-0.61	1.16	1.12	31.39371195
5631	0.20	0.69	-0.52	-0.79	2.45	0.27	-0.94	2.73	-0.49	1.19	1.19	-0.38	-0.44	0.00	0.00	-1.21	1.05	-0.33	0.00	2.05	-1.35	1.83	-0.25	-0.33	-0.61	1.16	1.12	36.50953952
5632	-0.09	0.46	-0.84	-0.79	2.45	-0.79	-0.94	2.70	-1.39	1.74	1.35	-0.38	-0.78	0.00	0.00	-1.21	0.10	-0.33	0.00	2.44	-1.07	0.70	-0.25	-0.33	-0.61	1.16	1.12	24.03921445
5633	0.36	1.11	-1.52	0.80	1.75	-0.26	-0.94	2.41	-1.38	2.10	0.97	-0.38	-0.77	0.00	0.00	-1.21	0.10	-0.33	0.00	1.74	-0.51	-0.28	-1.00	-0.33	-1.65	1.85	1.14	26.16083369
5634	0.66	1.33	-1.52	0.80	1.75	-0.26	-0.94	2.45	-1.38	1.56	0.81	-0.38	-0.78	0.00	0.00	-1.21	0.10	-0.33	0.00	1.35	-0.79	-0.31	-1.00	-0.33	-1.65	1.85	1.14	25.39293146
5635	0.85	1.16	-1.34	0.80	1.75	1.33	-0.94	2.25	-0.44	1.74	1.22	-0.38	-0.42	0.00	0.00	-1.21	1.10	-0.33	0.00	1.63	-0.79	1.53	-1.00	-0.33	-1.65	1.85	1.14	41.60631356
5636	0.55	0.93	-1.66	0.80	1.75	0.27	-0.94	2.22	-1.34	2.28	1.38	-0.38	-0.76	0.00	0.00	-1.21	0.14	-0.33	0.00	2.02	-0.51	0.40	-1.00	-0.33	-1.65	1.85	1.14	29.13598849
5637	-0.17	1.68	-1.44	-0.79	0.71	-0.26	-0.94	2.35	-1.06	1.37	0.91	-0.38	-0.65	0.00	0.00	-1.21	0.45	-0.33	0.00	1.66	-0.51	0.10	-1.25	-0.33	-1.65	1.16	1.66	21.79655152
5638	0.13	1.91	-1.44	-0.79	0.71	-0.26	-0.94	2.38	-1.06	0.83	0.75	-0.38	-0.65	0.00	0.00	-1.21	0.45	-0.33	0.00	1.26	-0.79	0.06	-1.25	-0.33	-1.65	1.16	1.66	21.02864687
5639	0.32	1.74	-1.26	-0.79	0.71	0.80	-0.94	2.18	-1.02	1.01	1.16	-0.38	-0.64	0.00	0.00	-1.21	0.49	-0.33	0.00	1.22	-1.35	1.37	-1.25	-0.33	-1.65	1.16	1.66	26.14447444
5640	0.02	1.51	-1.58	-0.79	0.71	-0.26	-0.94	2.15	-1.93	1.56	1.32	-0.38	-0.98	0.00	0.00	-1.21	-0.47	-0.33	0.00	1.61	-1.07	0.24	-1.25	-0.33	-1.65	1.16	1.66	13.67414732
5641	-0.04	1.45	-1.41	-1.59	0.71	-1.32	-0.94	2.38	-1.17	1.37	2.03	-0.38	2.23	0.00	0.00	-1.21	0.34	3.02	0.00	1.76	-0.51	-0.45	0.00	3.02	-0.61	-0.24	1.75	51.53842943
5642	0.26	1.67	-1.42	-1.59	0.71	-1.32	-0.94	2.41	-1.17	0.83	1.87	-0.38	2.23	0.00	0.00	-1.21	0.33	3.02	0.00	1.37	-0.79	-0.49	0.00	3.02	-0.61	-0.24	1.75	50.77052737
5643	0.45	1.50	-1.24	-1.59	0.71	-0.26	-0.94	2.21	-1.13	1.01	2.27	-0.38	2.24	0.00	0.00	-1.21	0.37	3.02	0.00	1.33	-1.35	0.82	0.00	3.02	-0.61	-0.24	1.75	55.88635252
5644	0.16	1.27	-1.56	-1.59	0.71	-1.32	-0.94	2.18	-2.04	1.56	2.43	-0.38	1.90	0.00	0.00	-1.21	-0.58	3.02	0.00	1.72	-1.07	-0.32	0.00	3.02	-0.61	-0.24	1.75	43.41602745
5645	0.49	0.84	-1.49	-1.59	1.06	-1.32	-0.94	2.45	-1.55	2.10	2.09	-0.38	2.08	0.00	0.00	-1.21	-0.07	3.02	0.00	1.85	-0.51	-0.90	0.25	3.02	-0.61	0.46	1.20	42.93496328
5646	0.79	1.06	-1.49	-1.59	1.06	-1.32	-0.94	2.48	-1.55	1.56	1.93	-0.38	2.08	0.00	0.00	-1.21	-0.07	3.02	0.00	1.45	-0.79	-0.93	0.25	3.02	-0.61	0.46	1.20	42.167059
5647	0.98	0.89	-1.32	-1.59	1.06	0.27	-0.94	2.28	-0.61	1.74	2.34	-0.38	2.44	0.00	0.00	-1.21	0.92	3.02	0.00	1.74	-0.79	0.91	0.25	3.02	-0.61	0.46	1.20	58.38044352
5648	0.69	0.67	-1.64	-1.59	1.06	-0.79	-0.94	2.25	-1.51	2.28	2.49	-0.38	2.10	0.00	0.00	-1.21	-0.03	3.02	0.00	2.13	-0.51	-0.22	0.25	3.02	-0.61	0.46	1.20	45.91011603
5649	-1.29	2.49	-2.46	-1.59	0.36	-1.32	-0.94	2.25	-2.04	0.65	0.71	-0.38	-1.02	0.00	0.00	-1.21	-0.59	-0.33	0.00	1.51	-0.51	-0.55	-1.75	-0.33	-1.65	-0.24	2.70	9.199750977
5650	-0.99	2.71	-2.46	-1.59	0.36	-1.32	-0.94	2.28	-2.04	0.10	0.55	-0.38	-1.02	0.00	0.00	-1.21	-0.59	-0.33	0.00	1.11	-0.79	-0.59	-1.75	-0.33	-1.65	-0.24	2.70	8.431848919
5651	-0.80	2.54	-2.29	-1.59	0.36	-0.26	-0.94	2.08	-2.00	0.28	0.36	-0.38	-1.01	0.00	0.00	-1.21	-0.55	-0.33	0.00	1.07	-1.35	0.72	-1.75	-0.33	-1.65	-0.24	2.70	13.54767389
5652	-1.10	2.31	-2.61	-1.59	0.36	-1.32	-0.94	2.05	-2.91	0.83	1.12	-0.38	-1.35	0.00	0.00	-1.21	-1.51	-0.33	0.00	1.46	-1.07	-0.42	-1.75	-0.33	-1.65	-0.24	2.70	1.077349
5653	-0.76	1.88	-2.54	-1.59	0.71	-1.32	-0.94	2.31	-2.42	1.37	0.77	-0.38	-1.16	0.00	0.00	-1.21	-1.00	-0.33	0.00	1.59	-0.51	-1.00	-1.50	-0.33	-1.65	0.46	2.14	0.596282417
5654	-0.46	2.10	-2.54	-1.59	0.71	-1.32	-0.94	2.34	-2.43	0.83	0.62	-0.38	-1.16	0.00	0.00	-1.21	-1.00	-0.33	0.00	1.20	-0.79	-1.03	-1.50	-0.33	-1.65	0.46	2.14	-0.171619642
5655	-0.27	1.93	-2.37	-1.59	0.71	0.27	-0.94	2.15	-1.48	1.01	1.02	-0.38	-0.81	0.00	0.00	-1.21	0.00	-0.33	0.00	1.48	-0.79	0.81	-1.50	-0.33	-1.65	0.46	2.14	16.04176506
5656	-0.57	1.71	-2.69	-1.59	0.71	-0.79	-0.94	2.12	-2.39	1.56	1.18	-0.38	-1.15	0.00	0.00	-1.21	-0.96	-0.33	0.00	1.88	-0.51	-0.32	-1.50	-0.33	-1.65	0.46	2.14	3.571437578
5657	-1.29	2.45	-2.36	0.00	0.36	-1.05	-0.94	2.25	-1.96	0.46	0.71	-0.38	-0.99	0.00	0.00	-1.21	-0.50	-0.33	0.00	1.44	-0.51	-0.40	-1.75	-0.33	-1.65	-0.24	2.60	20.5350132
5658	-0.99	2.67	-2.36	0.00	0.36	-1.05	-0.94	2.28	-1.96	-0.08	0.55	-0.38	-0.99	0.00	0.00	-1.21	-0.51	-0.33	0.00	1.05	-0.79	-0.44	-1.75	-0.33	-1.65	-0.24	2.60	19.76710909
5659	-0.80	2.50	-2.19	0.00	0.36	0.01	-0.94	2.08	-1.92	0.10	0.96	-0.38	-0.98	0.00	0.00	-1.21	-0.47	-0.33	0.00	1.00	-1.35	0.87	-1.75	-0.33	-1.65	-0.24	2.60	24.88293629
5660	-1.10	2.28	-2.51	0.00	0.36	-1.05	-0.94	2.05	-2.83	0.65	1.12	-0.38	-1.32	0.00	0.00	-1.21	-1.42	-0.33	0.00	1.40	-1.07	-0.27	-1.75	-0.33	-1.65	-0.24	2.60	12.41260917
5661	-0.76	1.84	-2.44	0.00	0.71	-1.05	-0.94	2.31	-2.34	1.19	0.77	-0.38	-1.13	0.00	0.00	-1.21	-0.91	-0.33	0.00	1.52	-0.51	-0.85	-1.50	-0.33	-1.65	0.46	2.05	11.93154481
5662	-0.46	2.07	-2.44	0.00	0.71	-1.05	-0.94	2.34	-2.34	0.65	0.62	-0.38	-1.13	0.00	0.00	-1.21	-0.91	-0.33	0.00	1.13	-0.79	-0.89	-1.50	-0.33	-1.65	0.46	2.05	11.16364053
5663	-0.27	1.89	-2.27	0.00	0.71	0.54	-0.94	2.15	-1.40	0.83	1.02	-0.38	-0.78	0.00	0.00	-1.21	0.08	-0.33	0.00	1.41	-0.79	0.96	-1.50	-0.33	-1.65	0.46	2.05	27.37702523
5664	-0.57	1.67	-2.59	0.00	0.71	-0.52	-0.94	2.12	-2.31	1.37	1.18	-0.38	-1.12	0.00	0.00	-1.21	-0.87	-0.33	0.00	1.81	-0.51	-0.17	-1.50	-0.33	-1.65	0.46	2.05	14.9066998
5665	-1.05	1.77	-1.74	0.00	0.71	-0.52	-0.94																					

5704	-0.80	1.86	-1.53	1.59	0.36	-0.52	-0.94	1.39	-2.04	0.83	0.91	-0.38	-1.02	0.00	0.00	-0.70	-1.22	-0.33	0.00	1.07	-1.07	0.01	-1.25	-0.33	-1.13	-0.25	1.71	21.52441857
5705	-0.46	1.43	-1.46	1.59	0.71	-0.52	-0.94	1.66	-1.56	1.37	0.57	-0.38	-0.84	0.00	0.00	-0.70	-0.71	-0.33	0.00	1.20	-0.51	-0.57	-1.00	-0.33	-1.13	0.46	1.16	21.04335404
5706	-0.17	1.65	-1.47	1.59	0.71	-0.52	-0.94	1.69	-1.56	0.83	0.41	-0.38	-0.84	0.00	0.00	-0.70	-0.71	-0.33	0.00	0.80	-0.79	-0.61	-1.00	-0.33	-1.13	0.46	1.16	20.27544975
5707	0.03	1.48	-1.29	1.59	0.71	1.07	-0.94	1.49	-0.61	1.01	0.82	-0.38	-0.49	0.00	0.00	-0.70	0.29	-0.33	0.00	1.09	-0.79	1.24	-1.00	-0.33	-1.13	0.46	1.16	36.48883426
5708	-0.27	1.26	-1.61	1.59	0.71	0.01	-0.94	1.46	-1.52	1.56	0.98	-0.38	-0.82	0.00	0.00	-0.70	-0.67	-0.33	0.00	1.48	-0.51	0.11	-1.00	-0.33	-1.13	0.46	1.16	24.0185092
5709	-0.76	1.36	-0.76	1.59	0.71	0.01	-0.94	1.74	-0.65	1.01	0.38	-0.38	-0.50	0.00	0.00	-0.70	0.26	-0.33	0.00	1.25	-0.51	0.08	-1.25	-0.33	-1.13	-0.24	1.15	28.03200609
5710	-0.46	1.58	-0.76	1.59	0.71	0.01	-0.94	1.78	-0.65	0.46	0.22	-0.38	-0.50	0.00	0.00	-0.70	0.25	-0.33	0.00	0.85	-0.79	0.04	-1.25	-0.33	-1.13	-0.24	1.15	27.26410181
5711	-0.27	1.41	-0.59	1.59	0.71	1.07	-0.94	1.58	-0.61	0.65	0.63	-0.38	-0.48	0.00	0.00	-0.70	0.29	-0.33	0.00	0.81	-1.35	1.34	-1.25	-0.33	-1.13	-0.24	1.15	32.379929
5712	-0.56	1.18	-0.91	1.59	0.71	0.01	-0.94	1.55	-1.52	1.19	0.79	-0.38	-0.82	0.00	0.00	-0.70	-0.66	-0.33	0.00	1.20	-1.07	0.21	-1.25	-0.33	-1.13	-0.24	1.15	19.90960189
5713	-0.22	0.75	-0.84	1.59	1.06	0.01	-0.94	1.81	-1.03	1.74	0.44	-0.38	-0.64	0.00	0.00	-0.70	-0.15	-0.33	0.00	1.33	-0.51	-0.37	-1.00	-0.33	-1.13	0.46	0.60	19.4285379
5714	0.07	0.97	-0.84	1.59	1.06	0.01	-0.94	1.84	-1.03	1.19	0.29	-0.38	-0.64	0.00	0.00	-0.70	-0.15	-0.33	0.00	0.93	-0.79	-0.41	-1.00	-0.33	-1.13	0.46	0.60	18.66063325
5715	0.26	0.80	-0.67	1.59	1.06	1.60	-0.94	1.64	-0.09	1.37	0.69	-0.38	-0.29	0.00	0.00	-0.70	0.84	-0.33	0.00	1.22	-0.79	1.44	-1.00	-0.33	-1.13	0.46	0.60	34.87401795
5716	-0.03	0.58	-0.99	1.59	1.06	0.54	-0.94	1.61	-0.99	1.92	0.85	-0.38	-0.63	0.00	0.00	-0.70	-0.11	-0.33	0.00	1.61	-0.51	0.30	-1.00	-0.33	-1.13	0.46	0.60	22.40369269
5717	0.01	0.15	0.48	0.80	2.79	0.01	-0.94	2.39	0.43	1.74	0.58	-0.38	-0.09	0.00	0.00	-0.70	1.39	-0.33	0.00	2.14	-0.51	0.99	0.25	-0.33	-0.09	1.16	0.05	42.74389883
5718	0.31	0.38	0.48	0.80	2.79	0.01	-0.94	2.42	0.43	1.19	0.42	-0.38	-0.09	0.00	0.00	-0.70	1.39	-0.33	0.00	1.74	-0.79	0.95	0.25	-0.33	-0.09	1.16	0.05	41.97596623
5719	0.50	0.20	0.65	0.80	2.79	1.07	-0.94	2.22	0.47	1.37	0.83	-0.38	-0.08	0.00	0.00	-0.70	1.43	-0.33	0.00	1.70	-1.35	2.26	0.25	-0.33	-0.09	1.16	0.05	47.09182174
5720	0.20	-0.02	0.33	0.80	2.79	0.01	-0.94	2.19	-0.44	1.92	0.99	-0.38	-0.42	0.00	0.00	-0.70	0.47	-0.33	0.00	2.09	-1.07	1.13	0.25	-0.33	-0.09	1.16	0.05	34.62149668
5721	0.66	0.62	-0.34	2.39	2.10	0.54	-0.94	1.91	-0.43	2.28	0.61	-0.38	-0.42	0.00	0.00	-0.70	0.48	-0.33	0.00	1.39	-0.51	0.15	-0.50	-0.33	-1.13	1.85	0.07	36.74311778
5722	0.95	0.85	-0.34	2.39	2.10	0.54	-0.94	1.94	-0.43	1.74	0.45	-0.38	-0.42	0.00	0.00	-0.70	0.48	-0.33	0.00	0.99	-0.79	0.11	-0.50	-0.33	-1.13	1.85	0.07	35.97521335
5723	1.15	0.68	-0.17	2.39	2.10	2.13	-0.94	1.74	0.51	1.92	0.86	-0.38	-0.06	0.00	0.00	-0.70	1.47	-0.33	0.00	1.28	-0.79	1.96	-0.50	-0.33	-1.13	1.85	0.07	52.18859784
5724	0.85	0.45	-0.49	2.39	2.10	1.07	-0.94	1.71	-0.39	2.46	1.01	-0.38	-0.40	0.00	0.00	-0.70	0.52	-0.33	0.00	1.67	-0.51	0.82	-0.50	-0.33	-1.13	1.85	0.07	39.71827089
5725	0.13	1.20	-0.26	0.80	1.06	0.54	-0.94	1.84	-0.11	1.56	0.55	-0.38	-0.29	0.00	0.00	-0.70	0.83	-0.33	0.00	1.31	-0.51	0.53	-0.75	-0.33	-1.13	1.16	0.59	32.37883375
5726	0.42	1.42	-0.26	0.80	1.06	0.54	-0.94	1.87	-0.11	1.01	0.39	-0.38	-0.30	0.00	0.00	-0.70	0.82	-0.33	0.00	0.91	-0.79	0.49	-0.75	-0.33	-1.13	1.16	0.59	31.61093115
5727	0.61	1.25	-0.09	0.80	1.06	1.60	-0.94	1.67	-0.07	1.19	0.79	-0.38	-0.28	0.00	0.00	-0.70	0.86	-0.33	0.00	0.87	-1.35	1.80	-0.75	-0.33	-1.13	1.16	0.59	36.72675666
5728	0.32	1.03	-0.41	0.80	1.06	0.54	-0.94	1.64	-0.98	1.74	0.95	-0.38	-0.62	0.00	0.00	-0.70	-0.09	-0.33	0.00	1.26	-1.07	0.66	-0.75	-0.33	-1.13	1.16	0.59	24.2564316
5729	-0.99	2.25	-1.97	0.00	0.02	-1.05	-0.94	1.45	-1.65	0.65	0.27	-0.38	-0.87	0.00	0.00	-0.67	-0.84	-0.33	0.00	1.16	-0.51	-0.57	-1.25	-0.33	-1.13	-0.24	2.24	15.95595817
5730	-0.70	2.48	-1.97	0.00	0.02	-1.05	-0.94	1.48	-1.65	0.10	0.11	-0.38	-0.87	0.00	0.00	-0.67	-0.84	-0.33	0.00	0.76	-0.79	-0.61	-1.25	-0.33	-1.13	-0.24	2.24	15.18805574
5731	-0.51	2.31	-1.80	0.00	0.02	0.01	-0.94	1.28	-1.61	0.28	0.51	-0.38	-0.86	0.00	0.00	-0.67	-0.80	-0.33	0.00	0.72	-1.35	0.70	-1.25	-0.33	-1.13	-0.24	2.24	20.30388109
5732	-0.80	2.08	-2.12	0.00	0.02	-1.05	-0.94	1.25	-2.52	0.83	0.67	-0.38	-1.20	0.00	0.00	-0.67	-1.76	-0.33	0.00	1.11	-1.07	-0.43	-1.25	-0.33	-1.13	-0.24	2.24	7.83355824
5733	-0.46	1.65	-2.05	0.00	0.36	-1.05	-0.94	1.51	-2.03	1.37	0.33	-0.38	-1.02	0.00	0.00	-0.67	-1.24	-0.33	0.00	1.24	-0.51	-1.01	-1.00	-0.33	-1.13	0.46	1.69	7.352491658
5734	-0.17	1.87	-2.05	0.00	0.36	-1.05	-0.94	1.54	-2.04	0.83	0.17	-0.38	-1.02	0.00	0.00	-0.67	-1.25	-0.33	0.00	0.84	-0.79	-1.05	-1.00	-0.33	-1.13	0.46	1.69	6.584587183
5735	0.03	1.70	-1.88	0.00	0.36	0.54	-0.94	1.35	-1.09	1.01	0.58	-0.38	-0.66	0.00	0.00	-0.67	-0.25	-0.33	0.00	1.13	-0.79	0.79	-1.00	-0.33	-1.13	0.46	1.69	22.79797189
5736	-0.27	1.47	-2.20	0.00	0.36	-0.52	-0.94	1.31	-2.00	1.56	0.73	-0.38	-1.00	0.00	0.00	-0.67	-1.21	-0.33	0.00	1.52	-0.51	-0.34	-1.00	-0.33	-1.13	0.46	1.69	10.32764477
5737	-0.99	2.22	-1.87	1.59	0.02	-0.26	-0.94	1.45	-1.57	0.46	0.27	-0.38	-0.84	0.00	0.00	-0.67	-0.75	-0.33	0.00	1.09	-0.51	-0.42	-1.25	-0.33	-1.13	-0.24	2.15	28.35018976
5738	-0.70	2.44	-1.87	1.59	0.02	-0.26	-0.94	1.48	-1.57	-0.08	0.11	-0.38	-0.84	0.00	0.00	-0.67	-0.75	-0.33	0.00	0.69	-0.79	-0.46	-1.25	-0.33	-1.13	-0.24	2.15	27.58228511
5739	-0.51	2.27	-1.70	1.59	0.02	0.80	-0.94	1.28	-1.53	0.10	0.51	-0.38	-0.83	0.00	0.00	-0.67	-0.71	-0.33	0.00	0.65	-1.35	0.85	-1.25	-0.33	-1.13	-0.24	2.15	32.69811268
5740	-0.80	2.05	-2.02	1.59	0.02	-0.26	-0.94	1.25	-2.44	0.65	0.67	-0.38	-1.17	0.00	0.00	-0.67	-1.67	-0.33	0.00	1.04	-1.07	-0.29	-1.25	-0.33	-1.13	-0.24	2.15	20.22778519
5741	-0.46	1.61	-1.95	1.59	0.36	-0.26	-0.94	1.51	-1.95	1.19	0.33	-0.38	-0.99	0.00	0.00	-0.67	-1.16	-0.33	0.00	1.17	-0.51	-0.87	-1.00	-0.33	-1.13	0.46	1.60	19.7467212
5742	-0.17	1.84	-1.95	1.59	0.36	-0.26	-0.94	1.54	-1.95	0.65	0.17	-0.38	-0.99	0.00	0.00	-0.67	-1.16	-0.33	0.00	0.78	-0.79	-0.91	-1.00	-0.33	-1.13	0.46	1.60	18.97881879
5743	0.03	1.66	-1.78	1.59	0.36	1.33	-0.94	1.35	-1.01	0.83	0.58	-0.38	-0.63	0.00	0.00	-0.67	-0.16	-0.33	0.00	1.06	-0.79	0.94	-1.00	-0.33	-1.13	0.46	1.60	35.19220126
5744	-0.27	1.44	-2.10	1.59	0.36	0.27	-0.94	1.31	-1.92	1.37	0.73	-0.38	-0.97	0.00	0.00	-0.67	-1.12	-0.33	0.00	1.46	-0.51	-0.19	-1.00	-0.33	-1.13	0.46	1.60	22.72187619
5745	-0.76	1.54	-1.25	1.59	0.36	0.27	-0.94	1.60	-1.04	0.83	0.14	-0.38	-0.65	0.00	0.00	-0.67	-0.20	-0.33	0.00	1.22	-0.51	-0.22	-1.25	-0.33	-1.13	-0.24	1.59	26.73537325
5746	-0.46	1.76	-1.25	1.59	0.36	0.27	-0.94	1.63	-1.05	0.28	-0.02	-0.38	-0.65	0.00	0.00	-0.67	-0.20	-0.33	0.00	0.83	-0.79	-0.26	-1.25	-0.33	-1.13	-0.24	1.59	25.96746897
5747	-0.27	1.59	-1.07	1.59	0.36	1.33	-0.94	1.43	-1.01	0.46	0.39	-0.38	-0.63	0.00	0.00	-0.67	-0.16	-0.33	0.00	0.78	-1.35	1.05	-1.25	-0.33	-1.13	-0.24	1.59	31.08329617
5748	-0.56	1.37	-1.39	1.59	0.36	0.27	-0.94	1.40	-1.91	1.01	0.54	-0.38	-0.97	0.00	0.00	-0.67	-1.12	-0.33	0.00	1.18	-1.07	-0.09	-1.25	-0.33	-1.13	-0.24	1.59	18.61296905
5749	-0.22	0.93	-1.32	1.59	0.71	0.27	-0.94																					

5788	-0.27	1.37	-1.90	1.59	0.71	0.54	-0.94	1.46	-1.75	1.37	0.57	-0.38	-0.91	0.00	0.00	-0.67	-0.95	-0.33	0.00	1.43	-0.51	-0.05	-1.00	-0.33	-1.13	0.46	1.41	24.19234919	
5789	-0.76	1.47	-1.05	1.59	0.71	0.54	-0.94	1.74	-0.88	0.83	-0.02	-0.38	-0.58	0.00	0.00	-0.67	-0.02	-0.33	0.00	1.20	-0.51	-0.08	-1.25	-0.33	-1.13	-0.24	1.41	28.20584608	
5790	-0.46	1.69	-1.05	1.59	0.71	0.54	-0.94	1.78	-0.88	0.28	-0.18	-0.38	-0.58	0.00	0.00	-0.67	-0.03	-0.33	0.00	0.80	-0.79	-0.11	-1.25	-0.33	-1.13	-0.24	1.41	27.43794385	
5791	-0.27	1.52	-0.88	1.59	0.71	1.60	-0.94	1.58	-0.84	0.46	0.22	-0.38	-0.57	0.00	0.00	-0.67	0.01	-0.33	0.00	0.76	-1.35	1.19	-1.25	-0.33	-1.13	-0.24	1.41	32.553769	
5792	-0.56	1.29	-1.20	1.59	0.71	0.54	-0.94	1.55	-1.75	1.01	0.38	-0.38	-0.91	0.00	0.00	-0.67	-0.94	-0.33	0.00	1.15	-1.07	0.06	-1.25	-0.33	-1.13	-0.24	1.41	20.08344393	
5793	-0.22	0.86	-1.13	1.59	1.06	0.54	-0.94	1.81	-1.26	1.56	0.04	-0.38	-0.73	0.00	0.00	-0.67	-0.43	-0.33	0.00	1.28	-0.51	-0.52	-1.00	-0.33	-1.13	0.46	0.86	19.60237994	
5794	0.07	1.08	-1.13	1.59	1.06	0.54	-0.94	1.84	-1.26	1.01	-0.12	-0.38	-0.73	0.00	0.00	-0.67	-0.43	-0.33	0.00	0.88	-0.79	-0.56	-1.00	-0.33	-1.13	0.46	0.86	18.83447529	
5795	0.26	0.91	-0.96	1.59	1.06	2.13	-0.94	1.64	-0.32	1.19	0.29	-0.38	-0.38	0.00	0.00	-0.67	0.56	-0.33	0.00	1.17	-0.79	1.29	-1.00	-0.33	-1.13	0.46	0.86	35.04785999	
5796	-0.03	0.69	-1.28	1.59	1.06	1.07	-0.94	1.61	-1.23	1.74	0.44	-0.38	-0.71	0.00	0.00	-0.67	-0.39	-0.33	0.00	1.56	-0.51	0.15	-1.00	-0.33	-1.13	0.46	0.86	22.57753268	
5797	0.01	0.26	0.19	0.80	2.79	0.54	-0.94	2.39	0.20	1.56	0.18	-0.38	-0.18	0.00	0.00	-0.67	1.12	-0.33	0.00	2.09	-0.51	0.84	0.25	-0.33	-0.09	1.16	0.32	42.91774087	
5798	0.31	0.49	0.19	0.80	2.79	0.54	-0.94	2.42	0.19	1.01	0.02	-0.38	-0.18	0.00	0.00	-0.67	1.11	-0.33	0.00	1.69	-0.79	0.80	0.25	-0.33	-0.09	1.16	0.32	42.14983622	
5799	0.50	0.31	0.36	0.80	2.79	1.60	-0.94	2.22	0.23	1.19	0.42	-0.38	-0.17	0.00	0.00	-0.67	1.15	-0.33	0.00	1.65	-1.35	2.11	0.25	-0.33	-0.09	1.16	0.32	47.26566379	
5800	0.20	0.09	0.04	0.80	2.79	0.54	-0.94	2.19	-0.67	1.74	0.58	-0.38	-0.51	0.00	0.00	-0.67	0.20	-0.33	0.00	2.04	-1.07	0.97	0.25	-0.33	-0.09	1.16	0.32	34.79533872	
5801	0.66	0.73	-0.63	2.39	2.10	1.07	-0.94	1.91	-0.66	2.10	0.20	-0.38	-0.50	0.00	0.00	-0.67	0.20	-0.33	0.00	1.34	-0.51	0.00	-0.50	-0.33	-1.13	1.85	0.33	36.91695796	
5802	0.95	0.96	-0.63	2.39	2.10	1.07	-0.94	1.94	-0.66	1.56	0.05	-0.38	-0.51	0.00	0.00	-0.67	0.20	-0.33	0.00	0.94	-0.79	-0.04	-0.50	-0.33	-1.13	1.85	0.33	36.14905573	
5803	1.15	0.79	-0.46	2.39	2.10	2.66	-0.94	1.74	0.28	1.74	0.45	-0.38	-0.15	0.00	0.00	-0.67	1.19	-0.33	0.00	1.23	-0.79	1.81	-0.50	-0.33	-1.13	1.85	0.33	52.36243783	
5804	0.85	0.56	-0.78	2.39	2.10	1.60	-0.94	1.71	-0.62	2.28	0.61	-0.38	-0.49	0.00	0.00	-0.67	0.24	-0.33	0.00	1.62	-0.51	0.67	-0.50	-0.33	-1.13	1.85	0.33	39.89211276	
5805	0.13	1.31	-0.55	0.80	1.06	1.07	-0.94	1.84	-0.34	1.37	0.14	-0.38	-0.38	0.00	0.00	-0.67	0.55	-0.33	0.00	1.26	-0.51	0.38	-0.75	-0.33	-1.13	1.16	0.86	32.55267579	
5806	0.42	1.53	-0.55	0.80	1.06	1.07	-0.94	1.87	-0.34	0.83	-0.02	-0.38	-0.38	0.00	0.00	-0.67	0.54	-0.33	0.00	0.86	-0.79	0.34	-0.75	-0.33	-1.13	1.16	0.86	31.78477114	
5807	0.61	1.36	-0.38	0.80	1.06	2.13	-0.94	1.67	-0.30	1.01	0.39	-0.38	-0.37	0.00	0.00	-0.67	0.58	-0.33	0.00	0.82	-1.35	1.64	-0.75	-0.33	-1.13	1.16	0.86	36.9005987	
5808	0.32	1.14	-0.70	0.80	1.06	1.07	-0.94	1.64	-1.21	1.56	0.55	-0.38	-0.71	0.00	0.00	-0.67	-0.37	-0.33	0.00	1.21	-1.07	0.51	-0.75	-0.33	-1.13	1.16	0.86	24.43027159	
5809	0.16	0.67	-0.75	0.00	0.36	-0.52	-0.94	1.60	-0.63	0.65	-0.45	-0.38	-0.49	0.00	0.00	-0.67	0.42	-1.08	-0.33	0.00	1.04	-0.51	-1.75	-1.00	-0.33	-1.13	0.46	1.15	1.526838868
5810	0.46	0.89	-0.76	0.00	0.36	-0.52	-0.94	1.63	-0.63	0.10	-0.61	-0.38	-0.49	0.00	0.00	-0.67	-1.08	-0.33	0.00	0.64	-0.79	-1.78	-1.00	-0.33	-1.13	0.46	1.15	0.758934587	
5811	0.65	0.72	-0.58	0.00	0.36	0.54	-0.94	1.43	-0.59	0.28	-0.20	-0.38	-0.48	0.00	0.00	-0.67	-1.04	-0.33	0.00	0.60	-1.35	-0.48	-1.00	-0.33	-1.13	0.46	1.15	5.874761784	
5812	0.35	0.49	-0.90	0.00	0.36	-0.52	-0.94	1.40	-1.50	0.83	-0.04	-0.38	-0.82	0.00	0.00	-0.67	-2.00	-0.33	0.00	0.99	-1.07	-1.61	-1.00	-0.33	-1.13	0.46	1.15	-6.595563283	
5813	0.69	0.06	-0.83	0.00	0.71	-0.52	-0.94	1.66	-1.01	1.37	-0.39	-0.38	-0.63	0.00	0.00	-0.67	-1.48	-0.33	0.00	1.12	-0.51	-2.19	-0.75	-0.33	-1.13	1.16	0.60	-7.076629692	
5814	0.99	0.28	-0.83	0.00	0.71	-0.52	-0.94	1.70	-1.01	0.83	-0.54	-0.38	-0.63	0.00	0.00	-0.67	-1.49	-0.33	0.00	0.72	-0.79	-2.23	-0.75	-0.33	-1.13	1.16	0.60	-7.844531924	
5815	1.18	0.11	-0.66	0.00	0.71	1.07	-0.94	1.50	-0.07	1.01	-0.14	-0.38	-0.28	0.00	0.00	-0.67	-0.49	-0.33	0.00	1.01	-0.79	-0.38	-0.75	-0.33	-1.13	1.16	0.60	8.368850364	
5816	0.88	-0.11	-0.98	0.00	0.71	0.01	-0.94	1.47	-0.97	1.56	0.02	-0.38	-0.62	0.00	0.00	-0.67	-1.45	-0.33	0.00	1.40	-0.51	-1.52	-0.75	-0.33	-1.13	1.16	0.60	-4.101474703	
5817	0.93	-0.54	0.48	-0.79	2.45	0.01	-0.94	2.24	0.45	1.37	-0.25	-0.38	-0.08	0.00	0.00	-0.67	0.06	-0.33	0.00	1.93	-0.51	-0.83	0.50	-0.33	-0.09	1.85	0.05	17.28467213	
5818	1.22	-0.31	0.48	-0.79	2.45	0.01	-0.94	2.27	0.45	0.83	-0.41	-0.38	-0.09	0.00	0.00	-0.67	0.06	-0.33	0.00	1.53	-0.79	-0.87	0.50	-0.33	-0.09	1.85	0.05	16.51676784	
5819	1.41	-0.49	0.66	-0.79	2.45	0.00	-0.94	2.07	0.49	1.01	0.00	-0.38	-0.07	0.00	0.00	-0.67	0.10	-0.33	0.00	1.49	-1.35	0.44	0.50	-0.33	-0.09	1.85	0.05	21.63259505	
5820	1.12	-0.71	0.34	-0.79	2.45	0.01	-0.94	2.04	-0.42	1.56	0.16	-0.38	-0.41	0.00	0.00	-0.67	-0.86	-0.33	0.00	1.88	-1.07	-0.70	0.50	-0.33	-0.09	1.85	0.05	9.162267735	
5821	1.57	-0.07	-0.34	0.80	1.75	0.54	-0.94	1.76	-0.41	1.92	-0.22	-0.38	-0.41	0.00	0.00	-0.67	-0.86	-0.33	0.00	1.18	-0.51	-1.67	-0.25	-0.33	-1.13	2.55	0.07	11.28388922	
5822	1.87	0.16	-0.34	0.80	1.75	0.54	-0.94	1.79	-0.41	1.37	-0.38	-0.38	-0.41	0.00	0.00	-0.67	-0.86	-0.33	0.00	0.78	-0.79	-1.71	-0.25	-0.33	-1.13	2.55	0.07	10.51598475	
5823	2.06	-0.01	-0.16	0.80	1.75	2.13	-0.94	1.59	0.53	1.56	0.03	-0.38	-0.06	0.00	0.00	-0.67	0.14	-0.33	0.00	1.07	-0.79	0.13	-0.25	-0.33	-1.13	2.55	0.07	26.72936926	
5824	1.77	-0.24	-0.48	0.80	1.75	1.07	-0.94	1.56	-0.37	2.10	0.18	-0.38	-0.40	0.00	0.00	-0.67	-0.82	-0.33	0.00	1.46	-0.51	-1.00	-0.25	-0.33	-1.13	2.55	0.07	14.25904419	
5825	1.04	0.51	-0.26	-0.79	0.71	0.54	-0.94	1.69	-0.09	1.19	-0.28	-0.38	-0.29	0.00	0.00	-0.67	-0.51	-0.33	0.00	1.10	-0.51	-1.30	-0.50	-0.33	-1.13	1.85	0.59	6.919607049	
5826	1.34	0.73	-0.26	-0.79	0.71	0.54	-0.94	1.72	-0.09	0.65	-0.44	-0.38	-0.29	0.00	0.00	-0.67	-0.51	-0.33	0.00	0.70	-0.79	-1.33	-0.50	-0.33	-1.13	1.85	0.59	6.151702401	
5827	1.53	0.56	-0.08	-0.79	0.71	1.60	-0.94	1.53	-0.05	0.83	-0.04	-0.38	-0.27	0.00	0.00	-0.67	-0.47	-0.33	0.00	0.66	-1.35	-0.03	-0.50	-0.33	-1.13	1.85	0.59	11.26752997	
5828	1.24	0.34	-0.40	-0.79	0.71	0.54	-0.94	1.50	-0.96	1.37	0.12	-0.38	-0.61	0.00	0.00	-0.67	-1.43	-0.33	0.00	1.05	-1.07	-1.16	-0.50	-0.33	-1.13	1.85	0.59	-1.202797519	
5829	0.08	1.35	-1.38	0.00	0.02	-1.05	-0.94	1.45	-1.16	1.37	0.58	-0.38	-0.69	0.00	0.00	-0.67	-1.22	-0.33	0.00	1.47	-0.51	-0.75	-1.00	-0.33	-1.13	0.46	1.71	13.70570315	
5830	0.38	1.57	-1.38	0.00	0.02	-1.05	-0.94	1.48	-1.16	0.83	0.43	-0.38	-0.69	0.00	0.00	-0.67	-1.23	-0.33	0.00	1.08	-0.79	-0.79	-1.00	-0.33	-1.13	0.46	1.71	12.93779867	
5831	0.57	1.40	-1.21	0.00	0.02	0.01	-0.94	1.28	-1.13	1.01	0.83	-0.38	-0.68	0.00	0.00	-0.67	-1.19	-0.33	0.00	1.03	-1.35	0.52	-1.00	-0.33	-1.13	0.46	1.71	18.05362606	
5832	0.27	1.17	-1.53	0.00	0.02	-1.05	-0.94	1.25	-2.03	1.56	0.99	-0.38	-1.02	0.00	0.00	-0.67	-2.15	-0.33	0.00	1.43	-1.07	-0.62	-1.00	-0.33	-1.13	0.46	1.71	5.583298751	
5833	0.61	0.74	-1.46	0.00	0.36	-																							

5872	-0.57	1.53	-2.33	-1.59	0.71	-0.52	-0.94	2.12	-2.10	1.74	1.58	-0.38	-1.04	0.00	0.00	-1.24	-0.62	-0.33	0.00	1.53	-0.51	-0.23	-1.50	-0.33	-1.65	0.46	2.28	1.87	2.975139732		
5873	-1.29	2.27	-2.01	0.00	0.36	-0.79	-0.94	2.25	-1.67	0.65	1.12	-0.38	-0.88	0.00	0.00	-1.24	-0.17	-0.33	0.00	1.09	-0.51	-0.31	-1.75	-0.33	-1.65	-0.24	2.28	1.87	19.93871311		
5874	-0.99	2.50	-2.01	0.00	0.36	-0.79	-0.94	2.28	-1.67	0.10	0.96	-0.38	-0.88	0.00	0.00	-1.24	-0.17	-0.33	0.00	0.70	-0.79	-0.35	-1.75	-0.33	-1.65	-0.24	2.28	1.87	19.17080883		
5875	-0.80	2.33	-1.84	0.00	0.36	0.27	-0.94	2.08	-1.63	0.28	1.36	-0.38	-0.87	0.00	0.00	-1.24	-0.13	-0.33	0.00	0.65	-1.35	0.96	-1.75	-0.33	-1.65	-0.24	2.28	1.87	24.28663622		
5876	-1.10	2.10	-2.16	-2.00	0.36	-0.79	-0.94	2.05	-2.54	0.83	1.52	-0.38	-1.21	0.00	0.00	-1.24	-1.09	-0.33	0.00	1.05	-1.07	-0.18	-1.75	-0.33	-1.65	-0.24	2.28	1.87	11.81631115		
5877	-0.76	1.67	-2.09	0.00	0.71	-0.79	-0.94	2.31	-2.05	1.37	1.18	-0.38	-1.03	0.00	0.00	-1.24	-0.57	-0.33	0.00	1.18	-0.51	-0.75	-1.50	-0.33	-1.65	0.46	1.73	1.87	11.33524474		
5878	-0.46	1.89	-2.09	0.00	0.71	-0.79	-0.94	2.34	-2.06	0.83	1.02	-0.38	-1.03	0.00	0.00	-1.24	-0.57	-0.33	0.00	0.78	-0.79	-0.79	-1.50	-0.33	-1.65	0.46	1.73	1.87	10.56734251		
5879	-0.27	1.72	-1.91	0.00	0.71	0.80	-0.94	2.15	-1.11	1.01	1.43	-0.38	-0.67	0.00	0.00	-1.24	-0.42	-0.33	0.00	1.07	-0.79	1.05	-1.50	-0.33	-1.65	0.46	1.73	1.87	26.78072516		
5880	-0.57	1.49	-2.23	0.00	0.71	-0.26	-0.94	2.12	-2.02	1.56	1.58	-0.38	-1.01	0.00	0.00	-1.24	-0.53	-0.33	0.00	1.46	-0.51	-0.08	-1.50	-0.33	-1.65	0.46	1.73	1.87	14.3103999		
5881	-1.05	1.59	-1.38	0.00	0.71	-0.26	-0.94	2.40	-1.15	1.01	0.99	-0.38	-0.68	0.00	0.00	-1.24	0.39	-0.33	0.00	1.23	-0.51	-0.11	-1.75	-0.33	-1.65	-0.24	1.72	1.87	18.32389697		
5882	-0.76	1.82	-1.38	0.00	0.71	-0.26	-0.94	2.43	-1.15	0.46	0.83	-0.38	-0.69	0.00	0.00	-1.24	0.39	-0.33	0.00	0.83	-0.79	-0.15	-1.75	-0.33	-1.65	-0.24	1.72	1.87	17.55599437		
5883	-0.56	1.65	-1.21	0.00	0.71	0.80	-0.94	2.23	-1.11	0.65	1.24	-0.38	-0.67	0.00	0.00	-1.24	0.43	-0.33	0.00	0.79	-1.35	1.16	-1.75	-0.33	-1.65	-0.24	1.72	1.87	22.67181989		
5884	-0.86	1.42	-1.53	0.00	0.71	-0.26	-0.94	2.20	-2.01	1.19	1.39	-0.38	-1.01	0.00	0.00	-1.24	-0.53	-0.33	0.00	1.18	-1.07	0.02	-1.75	-0.33	-1.65	-0.24	1.72	1.87	10.20149445		
5885	-0.52	0.99	-1.46	0.00	1.06	-0.26	-0.94	2.47	-1.53	1.74	1.05	-0.38	-0.83	0.00	0.00	-1.24	-0.02	-0.33	0.00	1.31	-0.51	-0.56	-1.50	-0.33	-1.65	0.46	1.17	1.87	9.7204286		
5886	-0.23	1.21	-1.46	0.00	1.06	-0.26	-0.94	2.50	-1.53	1.19	0.89	-0.38	-0.83	0.00	0.00	-1.24	-0.02	-0.33	0.00	0.91	-0.79	-0.59	-1.50	-0.33	-1.65	0.46	1.17	1.87	8.952526001		
5887	-0.03	1.04	-1.29	0.00	1.06	1.33	-0.94	2.30	-0.59	1.37	1.30	-0.38	-0.48	0.00	0.00	-1.24	0.98	-0.33	0.00	1.20	-0.79	1.25	-1.50	-0.33	-1.65	0.46	1.17	1.87	25.16591052		
5888	-0.33	0.81	-1.61	0.00	1.06	0.27	-0.94	2.27	-1.49	1.92	1.46	-0.38	-0.82	0.00	0.00	-1.24	0.02	-0.33	0.00	1.59	-0.51	0.12	-1.50	-0.33	-1.65	0.46	1.17	1.87	12.69558339		
5889	-0.29	0.39	-0.14	-0.79	2.79	-0.26	-0.94	3.04	-0.07	1.74	1.19	-0.38	-0.28	0.00	0.00	-1.24	1.53	-0.33	0.00	2.12	-0.51	0.81	-0.25	-0.33	-0.61	1.16	0.62	1.87	1.87	33.03579139	
5890	0.01	0.61	-0.15	-0.79	2.79	-0.26	-0.94	3.07	-0.07	1.19	1.03	-0.38	-0.28	0.00	0.00	-1.24	1.53	-0.33	0.00	1.72	-0.79	0.77	-0.25	-0.33	-0.61	1.16	0.62	1.87	1.87	32.26788711	
5891	0.20	0.44	0.03	-0.79	2.79	0.80	-0.94	2.88	-0.03	1.37	1.44	-0.38	-0.27	0.00	0.00	-1.24	1.57	-0.33	0.00	1.68	-1.35	2.07	-0.25	-0.33	-0.61	1.16	0.62	1.87	1.87	37.38371431	
5892	-0.09	0.22	-0.29	-0.79	2.79	-0.26	-0.94	2.84	-0.94	1.92	1.59	-0.38	-0.61	0.00	0.00	-1.24	0.61	-0.33	0.00	2.07	-1.07	0.94	-0.25	-0.33	-0.61	1.16	0.62	1.87	1.87	24.91338719	
5893	0.36	0.86	-0.96	0.80	2.10	0.27	-0.94	2.56	-0.93	2.28	1.22	-0.38	-0.61	0.00	0.00	-1.24	0.61	-0.33	0.00	1.37	-1.24	-0.51	-0.04	-1.00	-0.33	-1.65	1.85	0.64	2.08	1.87	27.03500848
5894	0.66	1.08	-0.97	0.80	2.10	0.27	-0.94	2.59	-0.93	1.74	1.06	-0.38	-0.61	0.00	0.00	-1.24	0.61	-0.33	0.00	0.97	-0.79	-0.07	-1.00	-0.33	-1.65	1.85	0.64	2.08	1.87	26.2671042	
5895	0.85	0.91	-0.79	0.80	2.10	1.86	-0.94	2.39	0.01	1.92	1.46	-0.38	-0.25	0.00	0.00	-1.24	1.61	-0.33	0.00	1.26	-0.79	1.77	-1.00	-0.33	-1.65	1.85	0.64	2.08	1.87	42.48048891	
5896	0.55	0.69	-1.11	0.80	2.10	0.80	-0.94	2.36	-0.89	2.46	1.62	-0.38	-0.59	0.00	0.00	-1.24	0.65	-0.33	0.00	1.65	-0.51	0.64	-1.00	-0.33	-1.65	1.85	0.64	2.08	1.87	30.01016347	
5897	-0.17	1.44	-0.89	-0.79	1.06	0.27	-0.94	2.49	-0.61	1.56	1.15	-0.38	-0.48	0.00	0.00	-1.24	0.96	-0.33	0.00	1.29	-0.51	0.34	-1.25	-0.33	-1.65	1.16	1.16	1.16	1.16	22.67072614	
5898	0.13	1.66	-0.89	-0.79	1.06	0.27	-0.94	2.53	-0.61	1.01	1.00	-0.38	-0.48	0.00	0.00	-1.24	0.96	-0.33	0.00	0.89	-0.79	0.30	-1.25	-0.33	-1.65	1.16	1.16	1.16	1.16	21.90282203	
5899	0.32	1.49	-0.71	-0.79	1.06	1.33	-0.94	2.33	-0.57	1.19	1.40	-0.38	-0.47	0.00	0.00	-1.24	1.00	-0.33	0.00	0.85	-1.35	1.61	-1.25	-0.33	-1.65	1.16	1.16	1.16	1.16	27.01864906	
5900	0.02	1.26	-1.03	-0.79	1.06	0.27	-0.94	2.30	-1.48	1.74	1.56	-0.38	-0.81	0.00	0.00	-1.24	0.04	-0.33	0.00	1.24	-1.07	0.48	-1.25	-0.33	-1.65	1.16	1.16	1.16	1.16	14.54832211	
5901	-1.29	2.49	-2.59	-1.59	0.02	-1.85	-0.94	2.10	-2.15	0.65	0.87	-0.38	-1.06	0.00	0.00	-1.21	-0.70	-0.33	0.00	1.14	-0.51	-0.75	-1.75	-0.33	-1.65	-0.24	2.81	1.87	1.87	1.87	5.190183001
5902	-0.99	2.72	-2.59	-1.59	0.02	-1.85	-0.94	2.13	-2.15	0.10	0.72	-0.38	-1.06	0.00	0.00	-1.21	-0.71	-0.33	0.00	0.74	-0.79	-0.79	-1.75	-0.33	-1.65	-0.24	2.81	1.87	1.87	1.87	4.422278526
5903	-0.80	2.55	-2.42	-1.59	0.02	-1.79	-0.94	1.93	-2.11	0.28	1.12	-0.38	-1.05	0.00	0.00	-1.21	-0.67	-0.33	0.00	0.70	-1.35	0.51	-1.75	-0.33	-1.65	-0.24	2.81	1.87	1.87	1.87	9.538105919
5904	-1.10	2.32	-2.74	-1.59	0.02	-1.85	-0.94	1.90	-3.02	0.83	1.28	-0.38	-1.39	0.00	0.00	-1.21	-1.62	-0.33	0.00	1.09	-1.07	-0.62	-1.75	-0.33	-1.65	-0.24	2.81	1.87	1.87	1.87	-2.932221026
5905	-0.76	1.88	-2.67	-1.59	0.36	-1.85	-0.94	2.17	-2.53	1.37	0.94	-0.38	-1.20	0.00	0.00	-1.21	-1.11	-0.33	0.00	1.22	-0.51	-1.20	-1.50	-0.33	-1.65	0.46	2.26	1.87	1.87	1.87	-3.413285559
5906	-0.46	2.11	-2.67	-1.59	0.36	-1.85	-0.94	2.20	-2.53	0.83	0.78	-0.38	-1.21	0.00	0.00	-1.21	-1.11	-0.33	0.00	0.82	-0.79	-1.24	-1.50	-0.33	-1.65	0.46	2.26	1.87	1.87	1.87	-4.181187618
5907	-0.27	1.94	-2.50	-1.59	0.36	-0.26	-0.94	2.00	-1.59	1.01	1.18	-0.38	-0.85	0.00	0.00	-1.21	-0.12	-0.33	0.00	1.11	-0.79	0.61	-1.50	-0.33	-1.65	0.46	2.26	1.87	1.87	1.87	12.03219467
5908	-0.57	1.71	-2.82	-1.59	0.36	-1.32	-0.94	1.97	-2.50	1.56	1.34	-0.38	-1.19	0.00	0.00	-1.21	-1.07	-0.33	0.00	1.50	-0.51	-0.53	-1.50	-0.33	-1.65	0.46	2.26	1.87	1.87	1.87	-0.438130397
5909	-1.29	2.45	-2.49	0.00	0.02	-1.05	-0.94	2.10	-2.07	0.46	0.87	-0.38	-1.03	0.00	0.00	-1.21	-0.62	-0.33	0.00	1.07	-0.51	-0.61	-1.75	-0.33	-1.65	-0.24	2.72	1.87	1.87	1.87	17.58441254
5910	-0.99	2.68	-2.49	0.00	0.02	-1.05	-0.94	2.13	-2.07	-0.08	0.72	-0.38	-1.03	0.00	0.00	-1.21	-0.62	-0.33	0.00	0.67	-0.79	-0.64	-1.75	-0.33	-1.65	-0.24	2.72	1.87	1.87	1.87	16.81650994
5911	-0.80	2.51	-2.32	0.00	0.02	0.01	-0.94	1.93	-2.03	0.10	1.12	-0.38	-1.02	0.00	0.00	-1.21	-0.58	-0.33	0.00	0.63	-1.35	0.66	-1.75	-0.33	-1.65	-0.24	2.72	1.87	1.87	1.87	21.93233546
5912	-1.10	2.28	-2.64	0.00	0.02	-1.05	-0.94	1.90	-2.94	0.65	1.28	-0.38	-1.36	0.00	0.00	-1.21	-1.54	-0.33	0.00	1.02	-1.07	-0.47	-1.75	-0.33	-1.65	-0.24	2.72	1.87	1.87	1.87	9.462010391
5913	-0.76	1.85	-2.57	0.00	0.36	-1.05	-0.94	2.17	-2.45	1.19	0.94	-0.38	-1.17	0.00	0.00	-1.21	-1.02	-0.33	0.00	1.15	-0.51	-1.05	-1.50	-0.33	-1.65	0.46	2.17	1.87	1.87	1.87	8.980946221
5914	-0.46	2.07	-2.57	0.00	0.36	-1.05	-0.94	2.20	-2.45	0.65	0.78	-0.38	-1.17	0.00	0.00	-1.21															

5956	-1.10	2.21	-2.44	0.00	0.36	-0.79	-0.94	2.05	-2.77	0.65	1.12	-0.38	-1.29	0.00	0.00	-1.21	-1.36	-0.33	0.00	1.00	-1.07	-0.33	-1.75	-0.33	-1.65	-0.24	1.98	10.93248322	
5957	-0.76	1.77	-2.38	0.00	0.71	-0.79	-0.94	2.31	-2.29	1.19	0.77	-0.38	-1.11	0.00	0.00	-1.21	-0.85	-0.33	0.00	1.13	-0.51	-0.91	-1.50	-0.33	-1.65	0.46	1.99	10.45141886	
5958	-0.46	2.00	-2.38	0.00	0.71	-0.79	-0.94	2.34	-2.29	0.65	0.62	-0.38	-1.11	0.00	0.00	-1.21	-0.85	-0.33	0.00	0.73	-0.79	-0.94	-1.50	-0.33	-1.65	0.46	1.99	9.683514768	
5959	-0.27	1.83	-2.20	0.00	0.71	0.80	-0.94	2.15	-1.34	0.83	1.02	-0.38	-0.76	0.00	0.00	-1.21	0.14	-0.33	0.00	1.02	-0.79	0.90	-1.50	-0.33	-1.65	0.46	1.99	25.89689928	
5960	-0.57	1.60	-2.52	0.00	0.71	-0.26	-0.94	2.12	-2.25	1.37	1.18	-0.38	-1.10	0.00	0.00	-1.21	-0.81	-0.33	0.00	1.41	-0.51	-0.23	-1.50	-0.33	-1.65	0.46	1.99	13.42657402	
5961	-1.05	1.70	-1.67	0.00	0.71	-0.26	-0.94	2.40	-1.38	0.83	0.58	-0.38	-0.77	0.00	0.00	-1.21	0.11	-0.33	0.00	1.18	-0.51	-0.26	-1.75	-0.33	-1.65	-0.24	1.98	17.44007128	
5962	-0.76	1.93	-1.67	0.00	0.71	-0.26	-0.94	2.43	-1.38	0.28	0.43	-0.38	-0.77	0.00	0.00	-1.21	0.11	-0.33	0.00	0.78	-0.79	-0.30	-1.75	-0.33	-1.65	-0.24	1.98	16.67216663	
5963	-0.56	1.76	-1.50	0.00	0.71	0.80	-0.94	2.23	-1.34	0.46	0.83	-0.38	-0.76	0.00	0.00	-1.21	0.15	-0.33	0.00	0.74	-1.35	1.01	-1.75	-0.33	-1.65	-0.24	1.98	21.7879942	
5964	-0.86	1.53	-1.82	0.00	0.71	-0.26	-0.94	2.20	-2.25	1.01	0.99	-0.38	-1.10	0.00	0.00	-1.21	-0.81	-0.33	0.00	1.13	-1.07	-0.13	-1.75	-0.33	-1.65	-0.24	1.98	9.317666711	
5965	-0.52	1.10	-1.75	0.00	1.06	-0.26	-0.94	2.47	-1.76	1.56	0.65	-0.38	-0.92	0.00	0.00	-1.21	-0.30	-0.33	0.00	1.26	-0.51	-0.71	-1.50	-0.33	-1.65	0.46	1.43	8.83660272	
5966	-0.23	1.32	-1.75	0.00	1.06	-0.26	-0.94	2.50	-1.76	1.01	0.49	-0.38	-0.92	0.00	0.00	-1.21	-0.30	-0.33	0.00	0.86	-0.79	-0.75	-1.50	-0.33	-1.65	0.46	1.43	8.068700119	
5967	-0.03	1.15	-1.58	0.00	1.06	-0.83	-0.94	2.30	-0.82	1.19	0.89	-0.38	-0.56	0.00	0.00	-1.21	0.70	-0.33	0.00	1.15	-0.79	1.10	-1.50	-0.33	-1.65	0.46	1.43	24.28208278	
5968	-0.33	0.92	-1.90	0.00	1.06	0.27	-0.94	2.27	-1.72	1.74	1.05	-0.38	-0.90	0.00	0.00	-1.21	-0.26	-0.33	0.00	1.54	-0.51	-0.03	-1.50	-0.33	-1.65	0.46	1.43	11.81175751	
5969	-0.29	0.50	-0.43	-0.79	2.79	-0.26	-0.94	3.04	-0.30	1.56	0.78	-0.38	-0.37	0.00	0.00	-1.21	1.25	-0.33	0.00	2.07	-0.51	0.65	-0.25	-0.33	-0.61	1.16	0.89	32.15196365	
5970	0.01	0.72	-0.43	-0.79	2.79	-0.26	-0.94	3.07	-0.30	1.01	0.63	-0.38	-0.37	0.00	0.00	-1.21	1.25	-0.33	0.00	1.67	-0.79	0.62	-0.25	-0.33	-0.61	1.16	0.89	31.38406142	
5971	0.20	0.55	-0.26	-0.79	2.79	0.80	-0.94	2.88	-0.26	1.19	1.03	-0.38	-0.35	0.00	0.00	-1.21	1.29	-0.33	0.00	1.63	-1.35	1.92	-0.25	-0.33	-0.61	1.16	0.89	36.49988657	
5972	-0.09	0.32	-0.58	-0.79	2.79	-0.26	-0.94	2.84	-1.17	1.74	1.19	-0.38	-0.69	0.00	0.00	-1.21	0.33	-0.33	0.00	2.02	-1.07	0.79	-0.25	-0.33	-0.61	1.16	0.89	24.0295615	
5973	0.36	0.97	-1.25	0.80	2.10	0.27	-0.94	2.56	-1.16	2.10	0.81	-0.38	-0.69	0.00	0.00	-1.21	0.33	-0.33	0.00	1.32	-0.51	-0.19	-1.00	-0.33	-1.65	1.85	0.90	26.15118279	
5974	0.66	1.19	-1.25	0.80	2.10	0.65	0.27	-0.94	2.59	-1.16	1.56	0.65	-0.38	-0.69	0.00	0.00	-1.21	0.33	-0.33	0.00	0.92	-0.79	-0.23	-1.00	-0.33	-1.65	1.85	0.90	25.38327851
5975	0.85	1.02	-1.08	0.80	2.10	1.86	-0.94	2.39	-0.22	1.74	1.06	-0.38	-0.34	0.00	0.00	-1.21	1.33	-0.33	0.00	1.21	-0.79	1.62	-1.00	-0.33	-1.65	1.85	0.90	41.59666303	
5976	0.55	0.80	-1.40	0.80	2.10	0.80	-0.94	2.36	-1.12	2.28	1.22	-0.38	-0.68	0.00	0.00	-1.21	0.37	-0.33	0.00	1.60	-0.51	0.49	-1.00	-0.33	-1.65	1.85	0.90	29.12633573	
5977	-0.17	1.55	-1.17	-0.79	1.06	0.27	-0.94	2.49	-0.84	1.37	0.75	-0.38	-0.57	0.00	0.00	-1.21	0.68	-0.33	0.00	1.24	-0.51	0.19	-1.25	-0.33	-1.65	1.16	1.43	21.7868984	
5978	0.13	1.77	-1.18	-0.79	1.06	0.27	-0.94	2.53	-0.84	0.83	0.59	-0.38	-0.57	0.00	0.00	-1.21	0.68	-0.33	0.00	0.84	-0.79	0.15	-1.25	-0.33	-1.65	1.16	1.43	21.01899634	
5979	0.32	1.60	-1.00	-0.79	1.06	1.33	-0.94	2.33	-0.80	1.01	1.00	-0.38	-0.56	0.00	0.00	-1.21	0.72	-0.33	0.00	0.80	-1.35	1.46	-1.25	-0.33	-1.65	1.16	1.43	26.13482149	
5980	0.02	1.37	-1.32	-0.79	1.06	0.27	-0.94	2.30	-1.71	1.56	1.15	-0.38	-0.90	0.00	0.00	-1.21	-0.24	-0.33	0.00	1.19	-1.07	0.32	-1.25	-0.33	-1.65	1.16	1.43	13.66449642	
5981	-0.04	0.35	0.07	-0.79	1.06	-1.05	-0.94	1.01	0.37	1.19	0.53	0.88	2.81	0.00	0.00	0.09	0.39	3.02	0.00	1.12	-0.51	-0.18	0.25	3.02	-0.09	-0.93	0.03	39.63333125	
5982	0.26	0.57	0.07	-0.79	1.06	-1.05	-0.94	1.04	0.37	0.65	0.37	0.88	2.81	0.00	0.00	0.09	0.39	3.02	0.00	0.73	-0.79	-0.22	0.25	3.02	-0.09	-0.93	0.03	38.8654266	
5983	0.45	0.40	0.25	-0.79	1.06	0.01	-0.94	0.85	0.41	0.83	0.78	0.88	2.82	0.00	0.00	0.09	0.42	3.02	0.00	0.68	-1.35	1.09	0.25	3.02	-0.09	-0.93	0.03	43.98125416	
5984	0.16	0.18	-0.07	-0.79	1.06	-1.05	-0.94	0.82	-0.50	1.37	0.93	0.88	2.48	0.00	0.00	0.09	0.88	-0.53	3.02	0.00	1.08	-1.07	-0.04	0.25	3.02	-0.09	-0.93	0.03	31.51092668
5985	0.49	-0.26	-0.01	-0.79	1.40	-1.05	-0.94	1.08	-0.01	1.92	0.59	0.88	2.66	0.00	0.00	0.09	-0.02	3.02	0.00	1.21	-0.51	-0.62	0.50	3.02	-0.09	-0.24	-0.53	31.02986288	
5986	0.79	-0.03	-0.01	-0.79	1.40	-1.05	-0.94	1.11	-0.02	1.37	0.43	0.88	2.66	0.00	0.00	0.09	-0.02	3.02	0.00	0.81	-0.79	-0.66	0.50	3.02	-0.09	-0.24	-0.53	30.26196028	
5987	0.98	-0.21	0.17	-0.79	1.40	0.54	-0.94	0.91	0.93	1.56	0.84	0.88	3.01	0.00	0.00	0.09	0.98	3.02	0.00	1.10	-0.79	1.18	0.50	3.02	-0.09	-0.24	-0.53	46.47534274	
5988	0.69	-0.43	-0.15	-0.79	1.40	-0.52	-0.94	0.88	0.02	2.10	1.00	0.88	2.67	0.00	0.00	0.09	0.02	3.02	0.00	1.49	-0.51	0.05	0.50	3.02	-0.09	-0.24	-0.53	34.00501785	
5989	-1.29	1.39	-0.98	-0.79	0.71	-1.58	-0.94	0.88	-0.50	0.46	-0.79	0.88	-0.44	0.00	0.00	0.09	-0.54	-0.33	0.00	0.87	-0.51	-0.28	-1.50	-0.33	-1.13	-0.93	0.97	-3.754017947	
5990	-0.99	1.61	-0.98	-0.79	0.71	-1.58	-0.94	0.91	-0.51	-0.08	-0.94	0.88	-0.44	0.00	0.00	0.09	-0.54	-0.33	0.00	0.47	-0.79	-0.31	-1.50	-0.33	-1.13	-0.93	0.97	-4.521922422	
5991	-0.80	1.44	-0.80	-0.79	0.71	-0.52	-0.94	0.71	-0.47	0.10	-0.54	0.88	-0.43	0.00	0.00	0.09	-0.50	-0.33	0.00	0.43	-1.35	0.99	-1.50	-0.33	-1.13	-0.93	0.97	0.593904969	
5992	-1.10	1.21	-1.12	-0.79	0.71	-1.58	-0.94	0.68	-1.37	0.65	-0.38	0.88	-0.77	0.00	0.00	0.09	-1.46	-0.33	0.00	0.82	-1.07	-0.14	-1.50	-0.33	-1.13	-0.93	0.97	-11.87642234	
5993	-0.76	0.78	-1.05	-0.79	1.06	-1.58	-0.94	0.95	-0.89	1.19	-0.72	0.88	-0.59	0.00	0.00	0.09	-0.94	-0.33	0.00	0.95	-0.51	-0.72	-1.25	-0.33	-1.13	-0.24	0.42	-12.35748651	
5994	-0.46	1.01	-1.06	-0.79	1.06	-1.58	-0.94	0.98	-0.89	0.65	-0.88	0.88	-0.59	0.00	0.00	0.09	-0.95	-0.33	0.00	0.56	-0.79	-0.76	-1.25	-0.33	-1.13	-0.24	0.42	-13.12539098	
5995	-0.27	0.83	-0.88	-0.79	1.06	0.01	-0.94	0.78	0.05	0.83	-0.48	0.88	-0.23	0.00	0.00	0.09	0.05	-0.33	0.00	0.84	-0.79	1.09	-1.25	-0.33	-1.13	-0.24	0.42	3.087993722	
5996	-0.57	0.61	-1.20	-0.79	1.06	-1.05	-0.94	0.75	-0.85	1.37	-0.32	0.88	-0.57	0.00	0.00	0.09	-0.91	-0.33	0.00	1.23	-0.51	-0.05	-1.25	-0.33	-1.13	-0.24	0.42	-9.382331346	
5997	-1.29	1.35	-0.88	0.80	0.71	-1.32	-0.94	0.88	-0.42	0.28	-0.79	0.88	-0.41	0.00	0.00	0.09	-0.45	-0.33	0.00	0.80	-0.51	-0.13	-1.50	-0.33	-1.13	-0.93	0.88	7.581242222	
5998	-0.99	1.58	-0.88	0.80	0.71	-1.32	-0.94	0.91	-0.42	-0.26	-0.94	0.88	-0.41	0.00	0.00	0.09	-0.45	-0.33	0.00	0.41	-0.79	-0.17	-1.50	-0.33	-1.13	-0.93	0.88	6.813339796	
5999	-0.80	1.40	-0.70	0.80	0.71	-0.26	-0.94	0.71	-0.38	-0.08	-0.54	0.88	-0.40	0.00	0.00	0.09	-0.41	-0.33	0.00	0.36	-1.35	1.14	-1.50	-0.33	-1.13	-0.93	0.88	11.92916514	
6000	-1.10	1.18	-1.02	0.80	0.71	-1.32	-0.94	0.68	-1.29	0.46	-0.38	0.88	-0.74	0.00	0.00	0.09	-1.37	-0.33	0.00	0.75	-1.07	0.00	-1.50	-0.33	-1.13	-0.93	0.88	-0.541160123	
6001	-0.76	0.74	-0.95	0.80	1.																								

6040	-0.57	0.75	-1.59	0.80	0.71	-0.52	-0.94	0.60	-1.16	1.01	-0.56	0.88	-0.69	0.00	0.00	0.11	-1.27	-0.33	0.00	1.14	-0.51	-0.20	-1.25	-0.33	-1.13	-0.24	0.76	0.656295446
6041	-1.05	0.85	-0.74	0.80	0.71	-0.52	-0.94	0.89	-0.29	0.46	-1.16	0.88	-0.36	0.00	0.00	0.11	-0.35	-0.33	0.00	0.91	-0.51	-0.23	-1.50	-0.33	-1.13	-0.93	0.76	4.669792879
6042	-0.76	1.08	-0.74	0.80	0.71	-0.52	-0.94	0.92	-0.29	-0.08	-1.31	0.88	-0.36	0.00	0.00	0.11	-0.35	-0.33	0.00	0.51	-0.79	-0.27	-1.50	-0.33	-1.13	-0.93	0.76	3.901890279
6043	-0.56	0.91	-0.56	0.80	0.71	0.54	-0.94	0.72	-0.26	0.10	-0.91	0.88	-0.35	0.00	0.00	0.11	-0.31	-0.33	0.00	0.47	-1.35	1.04	-1.50	-0.33	-1.13	-0.93	0.76	9.017715795
6044	-0.86	0.68	-0.88	0.80	0.71	-0.52	-0.94	0.69	-1.16	0.65	-0.75	0.88	-0.69	0.00	0.00	0.11	-1.27	-0.33	0.00	0.86	-1.07	-0.09	-1.50	-0.33	-1.13	-0.93	0.76	-3.452609641
6045	-0.52	0.25	-0.81	0.80	1.06	-0.52	-0.94	0.95	-0.68	1.19	-1.09	0.88	-0.51	0.00	0.00	0.11	-0.75	-0.33	0.00	0.99	-0.51	-0.67	-1.25	-0.33	-1.13	-0.24	0.21	-3.933673633
6046	-0.23	0.47	-0.81	0.80	1.06	-0.52	-0.94	0.99	-0.68	0.65	-1.25	0.88	-0.51	0.00	0.00	0.11	-0.76	-0.33	0.00	0.59	-0.79	-0.71	-1.25	-0.33	-1.13	-0.24	0.21	-4.701578281
6047	-0.03	0.30	-0.64	0.80	1.06	1.07	-0.94	0.79	0.27	0.83	-0.85	0.88	-0.15	0.00	0.00	0.11	0.24	-0.33	0.00	0.88	-0.79	1.13	-1.25	-0.33	-1.13	-0.24	0.21	11.51180642
6048	-0.33	0.07	-0.96	0.80	1.06	0.01	-0.94	0.76	-0.64	1.37	-0.69	0.88	-0.49	0.00	0.00	0.11	-0.72	-0.33	0.00	1.27	-0.51	0.00	-1.25	-0.33	-1.13	-0.24	0.21	-0.958520694
6049	-0.29	-0.35	0.50	0.00	2.79	-0.52	-0.94	1.53	0.78	1.19	-0.96	0.88	0.04	0.00	0.00	0.11	0.79	-0.33	0.00	1.80	-0.51	0.69	0.00	-0.33	-0.09	0.46	-0.34	19.38168713
6050	0.01	-0.13	0.50	0.00	2.79	-0.52	-0.94	1.56	0.78	0.65	-1.11	0.88	0.04	0.00	0.00	0.11	0.79	-0.33	0.00	1.40	-0.79	0.65	0.00	-0.33	-0.09	0.46	-0.34	18.61378302
6051	0.20	-0.30	0.68	0.00	2.79	0.54	-0.94	1.36	0.82	0.83	-0.71	0.88	0.05	0.00	0.00	0.11	0.83	-0.33	0.00	1.36	-1.35	1.96	0.00	-0.33	-0.09	0.46	-0.34	23.72961004
6052	-0.09	-0.53	0.36	0.00	2.79	-0.52	-0.94	1.33	-0.09	1.37	-0.55	0.88	-0.28	0.00	0.00	0.11	-0.13	-0.33	0.00	1.75	-1.07	0.82	0.00	-0.33	-0.09	0.46	-0.34	11.25928515
6053	0.36	0.12	-0.32	1.59	2.10	0.01	-0.94	1.05	-0.07	1.74	-0.93	0.88	-0.28	0.00	0.00	0.11	-0.13	-0.33	0.00	1.05	-0.51	-0.16	-0.75	-0.33	-1.13	1.16	-0.32	13.38090476
6054	0.66	0.34	-0.32	1.59	2.10	0.01	-0.94	1.08	-0.08	1.19	-1.09	0.88	-0.28	0.00	0.00	0.11	-0.13	-0.33	0.00	0.65	-0.79	-0.19	-0.75	-0.33	-1.13	1.16	-0.32	12.61300216
6055	0.85	0.17	-0.14	1.59	2.10	1.60	-0.94	0.88	0.87	1.37	-0.68	0.88	0.07	0.00	0.00	0.11	0.87	-0.33	0.00	0.94	-0.79	1.65	-0.75	-0.33	-1.13	1.16	-0.32	28.82638482
6056	0.55	-0.05	-0.46	1.59	2.10	0.54	-0.94	0.85	-0.04	1.92	-0.52	0.88	-0.27	0.00	0.00	0.11	-0.09	-0.33	0.00	1.33	-0.51	0.52	-0.75	-0.33	-1.13	1.16	-0.32	16.35605938
6057	-0.17	0.70	-0.24	0.00	1.06	0.01	-0.94	0.98	0.25	1.01	-0.99	0.88	-0.16	0.00	0.00	0.11	0.22	-0.33	0.00	0.97	-0.51	0.22	-1.00	-0.33	-1.13	0.46	0.20	9.016622046
6058	0.13	0.92	-0.24	0.00	1.06	0.01	-0.94	1.01	0.24	0.46	-1.15	0.88	-0.16	0.00	0.00	0.11	0.22	-0.33	0.00	0.57	-0.79	0.19	-1.00	-0.33	-1.13	0.46	0.20	8.248717939
6059	0.32	0.75	-0.07	0.00	1.06	1.07	-0.94	0.82	0.28	0.65	-0.74	0.88	-0.15	0.00	0.00	0.11	0.26	-0.33	0.00	0.53	-1.35	1.49	-1.00	-0.33	-1.13	0.46	0.20	13.36454533
6060	0.02	0.52	-0.38	0.00	1.06	0.01	-0.94	0.78	-0.62	1.19	-0.59	0.88	-0.49	0.00	0.00	0.11	-0.70	-0.33	0.00	0.92	-1.07	0.36	-1.00	-0.33	-1.13	0.46	0.20	0.894220069
6061	-0.04	0.46	-0.22	-0.79	1.06	-1.05	-0.94	1.01	0.14	1.01	0.12	0.88	2.72	0.00	0.00	0.11	0.11	3.02	0.00	1.07	-0.51	-0.33	3.02	0.00	-0.09	-0.93	0.29	38.7585005
6062	0.26	0.68	-0.22	-0.79	1.06	-1.05	-0.94	1.04	0.14	0.46	-0.03	0.88	2.72	0.00	0.00	0.11	0.11	3.02	0.00	0.68	-0.79	-0.37	0.25	3.02	-0.09	-0.93	0.29	37.9905979
6063	0.45	0.51	-0.04	-0.79	1.06	0.01	-0.94	0.85	0.18	0.65	0.37	0.88	2.73	0.00	0.00	0.11	0.15	3.02	0.00	0.63	-1.35	0.94	0.25	3.02	-0.09	-0.93	0.29	43.10642565
6064	0.16	0.29	-0.36	-0.79	1.06	-1.05	-0.94	0.82	-0.73	1.19	0.53	0.88	2.39	0.00	0.00	0.11	-0.81	3.02	0.00	1.03	-1.07	-0.20	0.25	3.02	-0.09	-0.93	0.29	30.63609834
6065	0.49	-0.15	-0.29	-0.79	1.40	-1.05	-0.94	1.08	-0.24	1.74	0.19	0.88	2.58	0.00	0.00	0.11	-0.30	3.02	0.00	1.16	-0.51	-0.78	0.50	3.02	-0.09	-0.24	-0.26	30.15503418
6066	0.79	0.08	-0.29	-0.79	1.40	-1.05	-0.94	1.11	-0.25	1.19	0.03	0.88	2.57	0.00	0.00	0.11	-0.30	3.02	0.00	0.76	-0.79	-0.81	0.50	3.02	-0.09	-0.24	-0.26	29.3871297
6067	0.98	-0.10	-0.12	-0.79	1.40	0.54	-0.94	0.91	0.70	1.37	0.43	0.88	2.93	0.00	0.00	0.11	0.70	3.02	0.00	1.05	-0.79	1.03	0.50	3.02	-0.09	-0.24	-0.26	45.60051441
6068	0.69	-0.32	-0.44	-0.79	1.40	-0.52	-0.94	0.88	-0.21	1.92	0.59	0.88	2.59	0.00	0.00	0.11	-0.26	3.02	0.00	1.44	-0.51	-0.10	0.50	3.02	-0.09	-0.24	-0.26	33.13018729
6069	-1.29	1.50	-1.26	-0.79	0.71	-1.05	-0.94	0.88	-0.74	0.28	-1.19	0.88	-0.53	0.00	0.00	0.11	-0.82	-0.33	0.00	0.82	-0.51	-0.43	-1.50	-0.33	-1.13	-0.93	1.24	-3.580177955
6070	-0.99	1.72	-1.27	-0.79	0.71	-1.05	-0.94	0.91	-0.74	-0.26	-1.35	0.88	-0.53	0.00	0.00	0.11	-0.82	-0.33	0.00	0.42	-0.79	-0.47	-1.50	-0.33	-1.13	-0.93	1.24	-4.348080554
6071	-0.80	1.55	-1.09	-0.79	0.71	0.01	-0.94	0.71	-0.70	-0.08	-0.94	0.88	-0.52	0.00	0.00	0.11	-0.78	-0.33	0.00	0.38	-1.35	0.84	-1.50	-0.33	-1.13	-0.93	1.24	0.767744961
6072	-1.10	1.32	-1.41	-0.79	0.71	-1.05	-0.94	0.68	-1.60	0.46	-0.79	0.88	-0.86	0.00	0.00	0.11	-1.74	-0.33	0.00	0.77	-1.07	-0.29	-1.50	-0.33	-1.13	-0.93	1.24	-11.70258047
6073	-0.76	0.89	-1.34	-0.79	1.06	-1.05	-0.94	0.95	-1.12	1.01	-1.13	0.88	-0.67	0.00	0.00	0.11	-1.22	-0.33	0.00	0.90	-0.51	-0.87	-1.25	-0.33	-1.13	-0.24	0.68	-12.18364447
6074	-0.46	1.12	-1.34	-0.79	1.06	-1.05	-0.94	0.98	-1.12	0.46	-1.29	0.88	-0.67	0.00	0.00	0.11	-1.22	-0.33	0.00	0.51	-0.79	-0.91	-1.25	-0.33	-1.13	-0.24	0.68	-12.95154911
6075	-0.27	0.94	-1.17	-0.79	1.06	0.54	-0.94	0.78	-0.18	0.65	-0.88	0.88	-0.32	0.00	0.00	0.11	-0.23	-0.33	0.00	0.79	-0.79	0.93	-1.25	-0.33	-1.13	-0.24	0.68	3.261835589
6076	-0.57	0.72	-1.49	-0.79	1.06	-0.52	-0.94	0.75	-1.08	1.19	-0.72	0.88	-0.66	0.00	0.00	0.11	-1.19	-0.33	0.00	1.19	-0.51	-0.20	-1.25	-0.33	-1.13	-0.24	0.68	-9.208491354
6077	-1.29	1.46	-1.16	0.80	0.71	-0.79	-0.94	0.88	-0.65	0.10	-1.19	0.88	-0.50	0.00	0.00	0.11	-0.73	-0.33	0.00	0.75	-0.51	-0.28	-1.50	-0.33	-1.13	-0.93	1.15	7.755084263
6078	-0.99	1.69	-1.16	0.80	0.71	-0.79	-0.94	0.91	-0.66	-0.44	-1.35	0.88	-0.50	0.00	0.00	0.11	-0.73	-0.33	0.00	0.36	-0.79	-0.32	-1.50	-0.33	-1.13	-0.93	1.15	6.987179615
6079	-0.80	1.51	-0.99	0.80	0.71	0.27	-0.94	0.71	-0.62	-0.26	-0.94	0.88	-0.49	0.00	0.00	0.11	-0.69	-0.33	0.00	0.31	-1.35	0.99	-1.50	-0.33	-1.13	-0.93	1.15	12.10300718
6080	-1.10	1.29	-1.31	0.80	0.71	-0.79	-0.94	0.68	-1.52	0.28	-0.79	0.88	-0.82	0.00	0.00	0.11	-1.65	-0.33	0.00	0.70	-1.07	-0.15	-1.50	-0.33	-1.13	-0.93	1.15	-0.367320132
6081	-0.76	0.85	-1.24	0.80	1.06	-0.79	-0.94	0.95	-1.04	0.83	-1.13	0.88	-0.64	0.00	0.00	0.11	-1.14	-0.33	0.00	0.83	-0.51	-0.73	-1.25	-0.33	-1.13	-0.24	0.59	-0.848384298
6082	-0.46	1.08	-1.24	0.80	1.06	-0.79	-0.94	0.98	-1.04	0.28	-1.29	0.88	-0.64	0.00	0.00	0.11	-1.14	-0.33	0.00	0.44	-0.79	-0.77	-1.25	-0.33	-1.13	-0.24	0.59	-1.616286533
6083	-0.27	0.91	-1.07	0.80	1.06	0.80	-0.94	0.78	-0.09	0.46	-0.88	0.88	-0.29	0.00	0.00	0.11	-0.14	-0.33	0.00	0.72	-0.79	1.08	-1.25	-0.33	-1.13	-0.24	0.59	14.59709593
6084	-0.57	0.68	-1.39	0.80	1.06	-0.26	-0.94	0.75	-1.00	1.01	-0.72	0.88	-0.63	0.00	0.00	0.11	-1.10	-0.33	0.00	1.12	-0.51	-0.05	-1.25	-0.33	-1.13	-0.24	0.59	2.126770865
6085	-1.05	0.78	-0.54	0.80	1.06	-0.26	-																					

6124	0.94	-0.35	0.11	-1.59	1.06	0.27	-0.94	0.78	-0.21	1.01	-1.17	0.88	-0.33	0.00	0.00	1.21	-1.58	-0.33	0.00	0.74	-1.07	-1.17	-0.75	-0.33	-1.13	1.16	-0.24	0.88	-22.21822978
6125	-0.21	0.66	-0.87	-0.79	0.36	-1.32	-0.94	0.73	-0.41	1.01	-0.71	0.88	-0.41	0.00	0.00	0.86	-1.38	-0.33	0.00	1.16	-0.51	-0.76	-1.25	-0.33	-1.13	-0.24	0.88	-7.309731534	
6126	0.08	0.89	-0.87	-0.79	0.36	-1.32	-0.94	0.77	-0.41	0.46	-0.87	0.88	-0.41	0.00	0.00	0.86	-1.38	-0.33	0.00	0.77	-0.79	-0.80	-1.25	-0.33	-1.13	-0.24	0.88	-8.077635626	
6127	0.27	0.71	-0.70	-0.79	0.36	-0.26	-0.94	0.57	-0.37	0.65	-0.46	0.88	-0.39	0.00	0.00	0.86	-1.34	-0.33	0.00	0.72	-1.35	0.51	-1.25	-0.33	-1.13	-0.24	0.88	-2.961808061	
6128	-0.02	0.49	-1.02	-0.79	0.36	-1.32	-0.94	0.54	-1.28	1.19	-0.31	0.88	-0.73	0.00	0.00	0.86	-2.30	-0.33	0.00	1.11	-1.07	-0.63	-1.25	-0.33	-1.13	-0.24	0.88	-15.43213332	
6129	0.32	0.05	-0.95	-0.79	0.71	-1.32	-0.94	0.80	-0.79	1.74	-0.65	0.88	-0.55	0.00	0.00	0.86	-1.78	-0.33	0.00	1.24	-0.51	-1.20	-1.00	-0.33	-1.13	0.46	0.33	-15.91319954	
6130	0.61	0.28	-0.95	-0.79	0.71	-1.32	-0.94	0.83	-0.80	1.19	-0.81	0.88	-0.55	0.00	0.00	0.86	-1.79	-0.33	0.00	0.85	-0.79	-1.24	-1.00	-0.33	-1.13	0.46	0.33	-16.68110214	
6131	0.80	0.11	-0.78	-0.79	0.71	0.27	-0.94	0.63	0.15	1.37	-0.40	0.88	-0.20	0.00	0.00	0.86	-0.79	-0.33	0.00	1.13	-0.79	0.60	-1.00	-0.33	-1.13	0.46	0.33	-0.467719309	
6132	0.51	-0.12	-1.10	-0.79	0.71	-0.79	-0.94	0.60	-0.76	1.92	-0.24	0.88	-0.54	0.00	0.00	0.86	-1.75	-0.33	0.00	1.53	-0.51	-0.53	-1.00	-0.33	-1.13	0.46	0.33	-12.93804474	
6133	0.02	-0.02	-0.25	-0.79	0.71	-0.26	-0.94	0.89	0.11	1.37	-0.84	0.88	-0.21	0.00	0.00	0.86	-0.82	-0.33	0.00	1.29	-0.51	-0.56	-1.25	-0.33	-1.13	-0.24	0.32	-7.875854632	
6134	0.32	0.21	-0.25	-0.79	0.71	-0.26	-0.94	0.92	0.11	0.83	-1.00	0.88	-0.21	0.00	0.00	0.86	-0.83	-0.33	0.00	0.90	-0.79	-0.60	-1.25	-0.33	-1.13	-0.24	0.32	-8.643757231	
6135	0.51	0.03	-0.07	-0.79	0.71	0.80	-0.94	0.72	0.15	1.01	-0.59	0.88	-0.20	0.00	0.00	0.86	-0.79	-0.33	0.00	0.85	-1.35	0.71	-1.25	-0.33	-1.13	-0.24	0.32	-3.527931715	
6136	0.21	-0.19	-0.39	-0.79	0.71	-0.26	-0.94	0.69	-0.75	1.56	-0.43	0.88	-0.54	0.00	0.00	0.86	-1.74	-0.33	0.00	1.25	-1.07	-0.43	-1.25	-0.33	-1.13	-0.24	0.32	-15.99825715	
6137	0.55	-0.63	-0.33	-0.79	1.06	-0.26	-0.94	0.95	-0.27	2.10	-0.78	0.88	-0.35	0.00	0.00	0.86	-1.23	-0.33	0.00	1.38	-0.51	-1.01	-1.00	-0.33	-1.13	0.46	-0.23	-16.47932319	
6138	0.85	-0.40	-0.33	-0.79	1.06	-0.26	-0.94	0.99	-0.27	1.56	-0.93	0.88	-0.36	0.00	0.00	0.86	-1.23	-0.33	0.00	0.98	-0.79	-1.05	-1.00	-0.33	-1.13	0.46	-0.23	-17.24722579	
6139	1.04	-0.57	-0.15	-0.79	1.06	1.33	-0.94	0.79	0.67	1.74	-0.53	0.88	0.00	0.00	0.00	0.86	-0.24	-0.33	0.00	1.27	-0.79	0.80	-1.00	-0.33	-1.13	0.46	-0.23	-1.033841086	
6140	0.75	-0.80	-0.47	-0.79	1.06	0.27	-0.94	0.76	-0.23	2.28	-0.37	0.88	-0.34	0.00	0.00	0.86	-1.19	-0.33	0.00	1.66	-0.51	-0.33	-1.00	-0.33	-1.13	0.46	-0.23	-13.5041682	
6141	0.79	-1.23	0.99	-1.59	2.79	-0.26	-0.94	1.53	1.19	2.10	-0.64	0.88	0.19	0.00	0.00	0.86	0.32	-0.33	0.00	2.18	-0.51	0.35	0.25	-0.33	-0.09	1.16	-0.78	6.836039619	
6142	1.08	-1.00	0.99	-1.59	2.79	-0.26	-0.94	1.56	1.19	1.56	-0.80	0.88	0.19	0.00	0.00	0.86	0.31	-0.33	0.00	1.79	-0.79	0.32	0.25	-0.33	-0.09	1.16	-0.78	6.068135509	
6143	1.28	-1.17	1.16	-1.59	2.79	0.80	-0.94	1.36	1.23	1.74	-0.39	0.88	0.21	0.00	0.00	0.86	0.35	-0.33	0.00	1.74	-1.35	1.62	0.25	-0.33	-0.09	1.16	-0.78	11.18396271	
6144	0.98	-1.40	0.85	-1.59	2.79	-0.26	-0.94	1.33	0.32	2.28	-0.23	0.88	-0.13	0.00	0.00	0.86	-0.60	-0.33	0.00	2.14	-1.07	0.49	0.25	-0.33	-0.09	1.16	-0.78	-1.286364409	
6145	1.44	-0.75	0.17	0.00	2.10	0.27	-0.94	1.05	0.33	2.65	-0.61	0.88	-0.13	0.00	0.00	0.86	-0.60	-0.33	0.00	1.44	-0.51	-0.49	-0.50	-0.33	-1.13	1.85	-0.76	0.835257251	
6146	1.73	-0.53	0.17	0.00	2.10	0.27	-0.94	1.08	0.33	2.10	-0.77	0.88	-0.13	0.00	0.00	0.86	-0.60	-0.33	0.00	1.04	-0.79	-0.53	-0.50	-0.33	-1.13	1.85	-0.76	0.067352602	
6147	1.92	-0.70	0.34	0.00	2.10	1.86	-0.94	0.88	1.27	2.28	-0.36	0.88	0.22	0.00	0.00	0.86	0.39	-0.33	0.00	1.33	-0.79	1.32	-0.50	-0.33	-1.13	1.85	-0.76	16.28073731	
6148	1.63	-0.93	0.03	0.00	2.10	0.80	-0.94	0.85	0.37	2.83	-0.21	0.88	-0.12	0.00	0.00	0.86	-0.56	-0.33	0.00	1.72	-0.51	0.19	-0.50	-0.33	-1.13	1.85	-0.76	3.810411872	
6149	0.91	-0.18	0.25	-1.59	1.06	0.27	-0.94	0.98	0.65	1.92	-0.67	0.88	-0.01	0.00	0.00	0.86	-0.25	-0.33	0.00	1.35	-0.51	-0.11	-0.75	-0.33	-1.13	1.16	-0.24	-3.529025463	
6150	1.20	0.05	0.25	-1.59	1.06	0.27	-0.94	1.01	0.65	1.37	-0.83	0.88	-0.01	0.00	0.00	0.86	-0.26	-0.33	0.00	0.96	-0.79	-0.15	-0.75	-0.33	-1.13	1.16	-0.24	-4.29692957	
6151	1.39	-0.12	0.42	-1.59	1.06	1.33	-0.94	0.82	0.69	1.56	-0.43	0.88	0.00	0.00	0.00	0.86	-0.22	-0.33	0.00	0.91	-1.35	1.16	-0.75	-0.33	-1.13	1.16	-0.24	0.818897822	
6152	1.10	-0.35	0.10	-1.59	1.06	0.27	-0.94	0.78	-0.22	2.10	-0.27	0.88	-0.34	0.00	0.00	0.86	-1.17	-0.33	0.00	1.31	-1.07	0.02	-0.75	-0.33	-1.13	1.16	-0.24	-11.65142949	

PUBLIC

Exhibit JP-2

Max	110464.269	124586.8122	265197.9521	8	53	34	1928.229	135.426336	266102.9	68	10886.313	3.289148	602.862	0	0	237.7111	782.631472	30.36731	0	14.92623	12	529.240998	29	1	11	8	115143.764
Average	56270.9022	60296.32018	185318.6153	4.99739922	43.9479844	21.97464239	1194.714	76.88257533	243021.5	50.44473	6003.1926	0.4989259	431.522	0	0	138.0437049	694.987504	3.001190585	0	7.736057	5.8537061	459.5375714	16.9869961	0.0988296	6.1755527	4.3394018	42554.0288
Min	16854.7583	7100.452832	92298.21722	3	38	12	753.8813	47.011489	208081.6	36	2262.0605	0	257.464	0	0	0	514.928381	0	0	4.988947	1	401.031787	10	0	3	1	1888.4099
St. Dev	17370.392	22990.02254	32244.08199	1.258103849	2.88418836	3.773631317	470.764	19.04726618	11367.51	5.499401	1684.6874	0.5327811	52.0082	0	0	44.71115177	36.9238195	9.063348851	0	1.463794	3.6027847	21.01473628	3.992493356	0.2984574	1.9192952	1.4355118	25285.0989

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Table E-8: Weighted Sorted Z-Scores
Meade Project

Rank	Route	Length along existing distribution line	Length not along roads	Length not along existing transmission lines	Transmission line crossings	Road crossings	Heavy angles > 30 degrees	Length through 1.1 X the turbine height	Center pivot irrigation systems acres in ROW	Total length	Stream crossings	Length through Floodways/ Floodplains 100yr	Woodland acres in ROW	prairie-chicken Score	Wetland acres in ROW	Cultural sites within 1320ft	Nonirrigated Cropland acres in ROW	Residential proximity score	Length not along parcel boundary	Total
1	2114	0.33	-11.85	1.16	-5.55	-0.33	-1.05	-0.34	-5.03	1.35	-1.98	-3.68	1.30	-0.76	-4.53	-1.03	-10.82	-4.98	-8.51	-56.2865
2	2113	0.03	-13.89	1.16	-5.55	-0.33	-1.05	-0.34	-5.25	1.35	-0.89	-3.36	1.30	-0.75	-3.34	-0.47	-10.66	-4.98	-8.51	-55.5186
3	3598	1.53	-11.85	1.16	-5.55	0.02	-1.05	-0.34	-3.96	1.35	-2.34	-3.68	1.30	-0.76	-3.10	-1.03	-11.02	-7.48	-8.51	-55.2926
4	2112	-0.30	-9.97	1.03	-5.55	-0.68	-1.05	-0.34	-7.10	-0.10	-1.98	-2.68	1.30	-2.40	-3.73	-1.58	-8.35	-7.48	-4.09	-55.0375
5	3597	1.24	-13.89	1.16	-5.55	0.02	-1.05	-0.34	-4.18	1.36	-1.25	-3.36	1.30	-0.75	-1.91	-0.47	-10.87	-7.48	-8.51	-54.5247
6	3596	0.90	-9.97	1.03	-5.55	-0.33	-1.05	-0.34	-6.03	-0.10	-2.34	-2.68	1.30	-2.39	-2.30	-1.58	-8.55	-9.99	-4.09	-54.0437
7	2116	0.23	-15.43	0.87	-5.55	-0.33	0.01	-0.34	-6.63	1.46	-0.53	-2.55	1.30	-0.64	-2.49	-0.47	-7.97	-4.98	-8.51	-52.5434
8	2982	1.22	-9.68	1.97	-5.55	0.02	-3.17	-0.94	-5.84	1.36	0.93	-4.32	15.71	-16.39	-0.33	-1.58	-9.62	-7.48	-8.51	-52.2013
9	1498	0.01	-9.68	1.97	-5.55	-0.33	-2.11	-0.94	-6.91	1.35	1.29	-4.32	15.71	-16.40	-1.77	-1.58	-9.41	-4.98	-8.51	-52.1398
10	3600	1.43	-15.43	0.87	-5.55	0.02	0.01	-0.34	-5.56	1.47	-0.89	-2.55	1.30	-0.63	-1.06	-0.47	-8.17	-7.48	-8.51	-51.5496
11	2981	0.92	-11.71	1.97	-5.55	0.02	-3.17	-0.94	-6.06	1.37	2.02	-4.00	15.71	-16.38	0.85	-1.03	-9.46	-7.48	-8.51	-51.4334
12	1497	-0.28	-11.71	1.97	-5.55	-0.33	-2.11	-0.94	-7.13	1.36	2.38	-4.00	15.71	-16.39	-0.58	-1.03	-9.26	-4.98	-8.51	-51.3719
13	2754	0.33	-11.85	1.17	-5.55	-0.33	-1.05	1.56	-7.28	1.38	-2.71	-3.68	1.30	-0.72	-4.78	2.86	-10.93	-2.47	-8.51	-51.2642
14	2980	0.58	-7.79	1.84	-5.55	-0.33	-3.17	-0.94	-7.91	-0.09	0.93	-3.32	15.71	-18.03	0.47	-2.14	-7.14	-9.99	-4.09	-50.9523
15	1496	-0.62	-7.79	1.84	-5.55	-0.68	-2.11	-0.94	-8.98	-0.10	1.29	-3.32	15.71	-18.04	-0.96	-2.14	-6.94	-7.48	-4.09	-50.8908
16	2753	0.03	-13.89	1.17	-5.55	-0.33	-1.05	1.56	-7.50	1.39	-1.62	-3.36	1.30	-0.71	-3.60	3.41	-10.78	-2.47	-8.51	-50.4963
17	4238	1.53	-11.85	1.17	-5.55	0.02	-1.05	1.56	-6.21	1.39	-3.07	-3.68	1.30	-0.72	-3.35	2.86	-11.14	-4.98	-8.51	-50.2703
18	2752	-0.30	-9.97	1.03	-5.55	-0.68	-1.05	1.56	-9.35	-0.07	-2.71	-2.68	1.30	-2.36	-3.98	2.30	-8.46	-4.98	-4.09	-50.0152
19	2128	0.58	-11.39	2.02	-11.11	-0.33	1.07	-0.34	-6.44	1.51	-0.89	-2.35	1.30	-0.58	-3.55	-1.58	-6.55	-2.47	-8.56	-49.6447
20	4237	1.24	-13.89	1.17	-5.55	0.02	-1.05	1.56	-6.43	1.40	-1.98	-3.36	1.30	-0.71	-2.17	3.41	-10.98	-4.98	-8.51	-49.5024
21	630	-0.29	-11.85	1.16	-5.55	-0.33	-2.11	-0.34	-5.59	1.34	-2.71	-3.68	1.30	-0.77	-5.00	-1.03	-10.57	5.04	-8.51	-49.4657
22	4236	0.90	-9.97	1.04	-5.55	-0.33	-1.05	1.56	-8.28	-0.06	-3.07	-2.68	1.30	-2.35	-2.55	2.30	-8.67	-7.48	-4.09	-49.0214
23	629	-0.58	-13.89	1.16	-5.55	-0.33	-2.11	-0.34	-5.80	1.34	-1.62	-3.36	1.30	-0.76	-3.81	-0.47	-10.41	5.04	-8.51	-48.6978
24	3612	1.78	-11.39	2.02	-11.11	0.02	1.07	-0.34	-5.37	1.52	-1.25	-2.35	1.30	-0.57	-2.12	-1.58	-6.75	-4.98	-8.56	-48.6509
25	2984	1.11	-13.26	1.68	-5.55	0.02	-2.11	-0.94	-7.44	1.47	2.38	-3.19	15.71	-16.26	1.70	-1.03	-6.77	-7.48	-8.51	-48.4582
26	1500	-0.09	-13.26	1.68	-5.55	-0.33	-1.05	-0.94	-8.51	1.47	2.75	-3.19	15.71	-16.28	0.27	-1.03	-6.56	-4.98	-8.51	-48.3967
27	628	-0.92	-9.97	1.02	-5.55	-0.68	-2.11	-0.34	-7.66	-0.11	-2.71	-2.68	1.30	-2.40	-4.20	-1.58	-8.10	2.54	-4.09	-48.2168
28	2110	-0.20	-6.38	1.32	-5.55	-0.68	-1.05	-0.34	-5.50	2.50	-3.43	-3.80	1.30	0.54	-4.78	-1.03	-9.03	-7.48	-4.09	-47.6830
29	2756	0.23	-15.43	0.88	-5.55	-0.33	0.01	1.56	-8.89	1.50	-1.25	-2.55	1.30	-0.60	-2.74	3.41	-8.09	-2.47	-8.51	-47.5211
30	2109	-0.50	-8.42	1.32	-5.55	-0.68	-1.05	-0.34	-5.72	2.50	-2.34	-3.49	1.30	0.54	-3.59	-0.47	-8.88	-7.48	-4.09	-46.9151
31	3594	1.00	-6.38	1.32	-5.55	-0.33	-1.05	-0.34	-4.43	2.50	-3.80	-3.80	1.30	0.54	-3.34	-1.03	-9.23	-9.99	-4.09	-46.6892
32	4240	1.43	-15.43	0.88	-5.55	0.02	0.01	1.56	-7.82	1.50	-1.62	-2.55	1.30	-0.59	-1.31	3.41	-8.29	-4.98	-8.51	-46.5273
33	3593	0.71	-8.42	1.32	-5.55	-0.33	-1.05	-0.34	-4.65	2.51	-2.71	-3.49	1.30	0.55	-2.16	-0.47	-9.08	-9.99	-4.09	-45.9213
34	632	-0.39	-15.43	0.87	-5.55	-0.33	-1.05	-0.34	-7.19	1.45	-1.25	-2.55	1.30	-0.64	-2.96	-0.47	-7.72	5.04	-8.51	-45.7227
35	2972	0.98	-12.63	2.85	-11.11	0.36	-2.11	-0.94	-5.34	2.45	5.29	3.69	15.71	-28.96	9.64	-2.14	-7.04	-7.48	-8.84	-45.6022
36	2996	1.47	-9.22	2.83	-11.11	0.02	-1.05	-0.94	-7.25	1.53	2.02	-2.99	15.71	-16.21	0.65	-2.14	-5.35	-4.98	-8.56	-45.5596
37	1488	-0.23	-12.63	2.85	-11.11	0.02	-1.05	-0.94	-6.41	2.45	5.66	3.69	15.71	-28.97	8.21	-2.14	-6.84	-4.98	-8.84	-45.5407
38	1512	0.26	-9.22	2.83	-11.11	-0.33	0.01	-0.94	-8.32	1.52	2.38	-2.99	15.71	-16.22	-0.79	-2.14	-5.14	-2.47	-8.56	-45.4980
39	4878	0.61	-11.85	1.17	-5.55	0.36	-2.11	-0.34	-2.55	1.37	-1.25	-3.68	6.00	-0.73	1.69	-1.03	-9.02	-9.99	-8.51	-45.4001
40	14	-0.61	-9.68	1.97	-5.55	-0.33	-3.17	-0.94	-7.47	1.34	0.57	-4.32	15.71	-16.41	-2.23	-1.58	-9.16	5.04	-8.51	-45.3190
41	2142	0.49	-11.85	1.15	-5.55	-0.33	0.01	-0.34	-5.03	1.32	0.20	-1.87	1.30	-0.80	-2.81	-1.03	-6.05	-4.98	-8.51	-44.6737
42	4877	0.32	-13.89	1.17	-5.55	0.36	-2.11	-0.34	-5.77	1.38	-0.16	-3.36	6.00	-0.72	2.87	-0.47	-8.87	-9.99	-8.51	-44.6322
43	2768	0.58	-11.39	2.03	-11.11	-0.33	1.07	1.56	-8.69	1.55	-1.62	-2.35	1.30	-0.54	-3.80	2.30	-6.67	0.03	-8.56	-44.6224
44	13	-0.90	-11.71	1.97	-5.55	-0.33	-3.17	-0.94	-7.68	1.35	1.66	-4.00	15.71	-16.40	-1.05	-1.03	-9.01	5.04	-8.51	-44.5511
45	1270	-0.29	-11.85	1.17	-5.55	-0.33	-2.11	1.56	-7.84	1.37	-3.43	-3.68	1.30	-0.73	-5.25	2.86	-10.68	7.55	-8.51	-44.4434
46	4876	-0.02	-9.97	1.03	-5.55	0.02	-2.11	-0.34	-4.62	-0.08	-1.25	-2.68	6.00	-2.36	2.49	-1.58	-6.55	-12.49	-4.09	-44.1512
47	2134	0.25	-5.74	-0.10	-5.55	-0.68	-2.11	-0.34	-6.10	-0.26	-0.53	-1.61	1.30	-2.57	-3.21	-1.03	-6.84	-4.98	-4.03	-44.1076
48	12	-1.24	-7.79	1.83	-5.55	-0.68	-3.17	-0.94	-9.54	-0.11	0.57	-3.32	15.71	-18.04	-1.43	-2.14	-6.69	2.54	-4.09	-44.0701
49	2141	0.19	-13.89	1.16	-5.55	-0.33	0.01	-0.34	-5.25	1.32	1.29	-1.55	1.30	-0.79	-1.63	-0.47	-5.90	-4.98	-8.51	-43.9058
50	3626	1.69	-11.85	1.15	-5.55	0.02	0.01	-0.34	-3.96	1.32	-0.16	-1.87	1.30	-0.79	-1.38	-1.03	-6.25	-7.48	-8.51	-43.6799
51	1269	-0.58	-13.89	1.17	-5.55	-0.33	-2.11	1.56	-8.06	1.38	-2.34	-3.36	1.30	-0.72	-4.06	3.41	-10.53	7.55	-8.51	-43.6755
52	4252	1.78	-11.39	2.03	-11.11	0.02	1.07	1.56	-7.62	1.56	-1.98	-2.35	1.30	-0.54	-2.37	2.30	-6.87	-2.47	-8.56	-43.6286
53	2978	0.69	-4.21	2.13	-5.55	-0.33	-3.17	-0.94	-6.31	2.51	-0.53	-4.44	15.71	-15.09	-0.58	-1.58	-7.83	-9.99	-4.09	-43.5978
54	1494	-0.52	-4.21	2.13	-5.55	-0.68	-2.11	-0.94	-7.38	2.50	-0.16	-4.44	15.71	-15.10	-2.01	-1.58	-7.63	-7.48	-4.09	-43.5363
55	2140	-0.15	-9.97	1.02	-5.55	-0.68	0.01	-0.34	-7.10	-0.13	0.20	-0.87	1.30	-2.44	-2.01	-1.58	-3.58	-7.48	-4.09	-43.4248
56	2133	-0.04	-7.78	-0.09	-5.55	-0.68	-2.11	-0.34	-6.32	-0.25	0.57	-1.30	1.30	-2.56	-2.03	-0.47	-6.69	-4.98	-4.03	-43.3397
57	1268	-0.92	-9.97	1.03	-5.55	-0.68	-2.11	1.56	-9.91	-0.08	-3.43	-2.68	1.30	-2.36	-4.45	2.30	-8.21	5.04	-4.09	-43.1945
58	3618	1.45	-5.74	-0.09	-5.55	-0.33	-2.11	-0.34	-5.03	-0.25	-0.89	-1.61	1.30	-2.56	-1.78	-1.03	-7.04	-7.48	-4.03	-43.1138
59	3625	1.40	-13.89	1.16	-5.55	0.02	0.01	-0.34	-4.18	1.38	0.93	-1.55	1.30	-0.79	-0.20	-0.47	-6.10	-7.48	-8.51	-42.9120

60	2034	-0.82	2.44	-1.27	-5.55	-0.68	-3.17	-0.34	-6.10	1.72	-1.98	-2.25	1.30	-4.22	-4.16	-1.03	-6.10	-7.48	0.22	-42.9075
61	2132	-0.38	-3.86	-0.23	-5.55	-1.02	-2.11	-0.34	-8.17	-1.71	-0.53	-0.61	1.30	-4.20	-2.41	-1.58	-4.37	-7.48	0.39	-42.8586
62	2977	0.39	-6.24	2.13	-5.55	-0.33	-3.17	-0.94	-6.53	2.52	0.57	-4.13	15.71	-15.09	0.60	-1.03	-7.68	-9.99	-4.09	-42.8299
63	644	-0.04	-11.39	2.02	-11.11	-0.33	0.01	-0.34	-6.99	1.50	-1.62	-2.35	1.30	-0.59	-4.02	-1.58	-6.30	7.55	-8.56	-42.8240
64	1493	-0.81	-6.24	2.13	-5.55	-0.68	-2.11	-0.94	-7.59	2.51	0.93	-4.13	15.71	-15.10	-0.83	-1.03	-7.48	-7.48	-4.09	-42.7684
65	2750	-0.20	-6.38	1.33	-5.55	-0.68	-1.05	1.56	-7.75	2.53	-4.16	-3.80	1.30	0.58	-5.03	2.86	-9.15	-4.98	-4.09	-42.6607
66	2111	-0.01	-7.94	1.66	-5.55	-0.68	1.07	-0.34	-6.88	2.61	-3.07	-2.99	1.30	0.66	-4.91	-2.14	-3.81	-7.48	-4.09	-42.5672
67	3624	1.06	-9.97	1.02	-5.55	-0.33	0.01	-0.34	-6.03	-0.13	-0.16	-0.87	1.30	-2.43	-0.58	-1.58	-3.78	-9.99	-4.09	-42.4309
68	3617	1.16	-7.78	-0.09	-5.55	-0.33	-2.11	-0.34	-5.25	-0.25	0.20	-1.30	1.30	-2.56	-0.60	-0.47	-6.89	-7.48	-4.03	-42.3459
69	2126	0.68	-7.80	2.31	-11.11	-0.33	1.07	-0.34	-4.84	4.11	-2.34	-3.47	1.30	2.35	-4.60	-1.03	-7.23	-2.47	-8.56	-42.2902
70	2033	-1.12	0.41	-1.27	-5.55	-0.68	-3.17	-0.34	-6.32	-1.72	-0.89	-1.93	1.30	-4.21	-2.98	-0.47	-5.95	-7.48	0.22	-42.1396
71	3518	0.38	2.44	-1.27	-5.55	-0.33	-3.17	-0.34	-5.03	-1.72	-2.34	-2.25	1.30	-4.21	-2.73	-1.03	-6.30	-9.99	0.22	-41.9137
72	2749	-0.50	-8.42	1.33	-5.55	-0.68	-1.05	1.56	-7.97	2.54	-3.07	-3.49	1.30	0.58	-3.84	3.41	-9.00	-4.98	-4.09	-41.8928
73	3616	0.82	-3.86	-0.23	-5.55	-0.68	-2.11	-0.34	-7.10	-1.70	-0.89	-0.61	1.30	-4.20	-0.98	-1.58	-4.57	-9.99	0.39	-41.8648
74	4234	1.00	-6.38	1.33	-5.55	-0.33	-1.05	1.56	-6.68	2.54	-4.53	-3.80	1.30	0.58	-3.60	2.86	-9.35	-7.48	-4.09	-41.6669
75	2032	-1.46	4.33	-1.41	-5.55	-1.02	-3.17	-0.34	-8.17	-3.17	-1.98	-1.25	1.30	-5.85	-3.36	-1.58	-3.63	-9.99	4.64	-41.6585
76	4880	0.51	-15.43	0.88	-5.55	0.36	-1.05	-0.34	-4.15	1.49	0.20	-2.55	6.00	-0.60	3.73	-0.47	-6.18	-9.99	-8.51	-41.6571
77	16	-0.71	-13.26	1.68	-5.55	-0.33	-2.11	-0.94	-9.07	1.46	2.02	-3.19	15.71	-16.28	-0.20	-1.03	-6.31	5.04	-8.51	-41.5760
78	3595	1.19	-7.94	1.67	-5.55	-0.33	1.07	-0.34	-5.81	2.62	-3.43	-2.99	1.30	0.67	-3.48	-2.14	-4.01	-9.99	-4.09	-41.5733
79	2125	0.39	-9.84	2.32	-11.11	-0.33	1.07	-0.34	-5.05	4.12	-1.25	-3.16	1.30	2.36	-3.41	-0.47	-7.08	-2.47	-8.56	-41.5223
80	3610	1.89	-7.80	2.31	-11.11	0.02	1.07	-0.34	-3.77	4.12	-2.71	-3.47	1.30	2.36	-3.16	-1.03	-7.44	-4.98	-8.56	-41.2964
81	3517	0.08	0.41	-1.27	-5.55	-0.33	-3.17	-0.34	-5.25	-1.71	-1.25	-1.93	1.30	-4.20	-1.55	-0.47	-6.15	-9.99	0.22	-41.1458
82	2144	0.38	-15.43	0.86	-5.55	-0.33	1.07	-0.34	-6.63	1.43	1.66	-0.74	1.30	-0.68	-0.78	-0.47	-3.20	-4.98	-8.51	-40.9307
83	4233	0.71	-8.42	1.33	-5.55	-0.33	-1.05	1.56	-6.90	2.54	-3.43	-3.49	1.30	0.59	-2.41	3.41	-9.20	-7.48	-4.09	-40.8990
84	626	-0.82	-6.38	1.32	-5.55	-0.68	-2.11	-0.34	-6.05	2.49	-4.16	-3.80	1.30	0.53	-5.24	-1.03	-8.78	2.54	-4.09	-40.8623
85	1272	-0.39	-15.43	0.88	-5.55	-0.33	-1.05	1.56	-9.44	1.49	-1.98	-2.55	1.30	-0.60	-3.21	3.41	-7.84	7.55	-8.51	-40.7004
86	3516	-0.25	4.33	-1.41	-5.55	-0.68	-3.17	-0.34	-7.10	-3.17	-2.34	-1.25	1.30	-5.85	-1.93	-1.58	-3.83	-12.49	4.64	-40.6647
87	1998	-0.82	0.81	-0.30	-5.55	-0.33	-2.64	-0.34	-5.08	-0.54	-1.62	-1.76	1.30	-2.88	-4.09	-1.03	-4.91	-7.48	-3.30	-40.5519
88	3609	1.59	-9.84	2.32	-11.11	0.02	1.07	-0.34	-3.98	4.12	-1.62	-3.16	1.30	2.37	-1.98	-0.47	-7.28	-4.98	-8.56	-40.5285
89	2078	-0.82	1.79	-0.88	-5.55	-0.33	-1.58	-0.34	-5.08	-1.23	-1.98	-2.57	1.30	-3.67	-4.24	-1.03	-5.51	-7.48	-1.19	-40.3780
90	2136	0.15	-9.32	-0.39	-5.55	-0.68	-1.05	-0.34	-7.70	-0.15	0.93	-0.49	1.30	-2.44	-1.17	-0.47	-3.99	-4.98	-4.03	-40.3645
91	625	-1.12	-8.42	1.32	-5.55	-0.68	-2.11	-0.34	-6.27	2.49	-3.07	-3.49	1.30	0.54	-4.06	-0.47	-8.63	2.54	-4.09	-40.0944
92	2115	0.52	-13.40	1.51	-5.55	-0.33	2.13	-0.34	-6.42	4.18	-1.62	-2.87	1.30	2.42	-3.67	-1.03	-3.43	-4.98	-8.51	-40.0731
93	3628	1.59	-15.43	0.86	-5.55	0.02	1.07	-0.34	-5.56	1.44	1.29	-0.74	1.30	-0.67	0.65	-0.47	-3.40	-7.48	-8.51	-39.9368
94	1997	-1.12	-1.23	-0.30	-5.55	-0.33	-2.64	-0.34	-5.30	-0.53	-0.53	-1.45	1.30	-2.87	-2.90	-0.47	-4.75	-7.48	-3.30	-39.7840
95	2782	0.49	-11.85	1.16	-5.55	-0.33	0.01	1.56	-7.28	1.35	-0.53	-1.87	1.30	-0.76	-3.06	2.86	-6.17	-2.47	-8.51	-39.6514
96	2077	-1.12	-0.24	-0.88	-5.55	-0.33	-1.58	-0.34	-5.30	-1.22	-0.89	-2.26	1.30	-3.66	-3.05	-0.47	-5.36	-7.48	-1.19	-39.6101
97	3482	0.38	0.81	-0.30	-5.55	0.02	-2.64	-0.34	-4.01	-0.53	-1.98	-1.76	1.30	-2.87	-2.66	-1.03	-5.11	-9.99	-3.30	-39.5581
98	3562	0.38	1.79	-0.88	-5.55	0.02	-1.58	-0.34	-4.01	-1.22	-2.34	-2.57	1.30	-3.66	-2.81	-1.03	-5.72	-9.99	-1.19	-39.3842
99	3620	1.35	-9.32	-0.39	-5.55	-0.33	-1.05	-0.34	-6.63	-0.14	0.57	-0.49	1.30	-2.44	0.26	-0.47	-4.19	-7.48	-4.03	-39.3707
100	1996	-1.46	2.69	-0.44	-5.55	-0.68	-2.64	-0.34	-7.15	-1.99	-1.62	-0.76	1.30	-4.51	-3.29	-1.58	-2.43	-9.99	1.12	-39.3029
101	2120	0.46	-20.82	3.50	-11.11	1.40	0.01	-0.34	-2.60	3.12	-0.53	-2.28	1.30	1.24	-1.06	-1.58	-4.69	7.55	-12.87	-39.2797
102	2286	0.68	-11.85	1.33	-5.55	-1.37	1.07	-0.80	-3.43	1.36	-0.16	-3.68	0.10	-0.76	-2.61	-1.03	-6.49	2.54	-8.51	-39.1646
103	2036	-0.93	-1.14	-1.56	-5.55	-0.68	-2.11	-0.34	-7.70	-1.61	-0.53	-1.12	1.30	-4.09	-2.13	-0.47	-3.25	-7.48	0.22	-39.1644
104	2076	-1.46	3.68	-1.02	-5.55	-0.68	-1.58	-0.34	-7.15	-2.68	-1.98	-1.57	1.30	-5.30	-3.44	-1.58	-3.04	-9.99	3.23	-39.1291
105	2774	0.25	-5.74	-0.09	-5.55	-0.68	-2.11	1.56	-8.35	-0.22	-1.25	-1.61	1.30	-2.53	-3.46	2.86	-6.96	-2.47	-4.03	-39.0853
106	3599	1.73	-13.40	1.51	-5.55	0.02	2.13	-0.34	-5.35	4.18	-1.98	-2.87	1.30	2.43	-2.24	-1.03	-3.63	-7.48	-8.51	-39.0792
107	2156	0.74	-11.39	2.01	-11.11	-0.33	1.07	-0.34	-6.44	1.48	1.29	-0.54	1.30	-0.62	-1.83	-1.58	-1.77	-2.47	-8.56	-39.0779
108	3130	1.70	-11.85	1.35	-5.55	0.36	0.01	-0.94	-4.93	1.46	0.20	-3.68	-2.81	-0.64	0.17	-1.58	-6.22	2.54	-8.51	-38.9252
109	2781	0.19	-13.89	1.16	-5.55	-0.33	0.01	1.56	-7.50	1.36	0.57	-1.55	1.30	-0.75	-1.88	3.41	-6.01	-2.47	-8.51	-38.8835
110	1646	0.49	-11.85	1.35	-5.55	0.02	1.07	-0.94	-5.99	1.45	0.57	-3.68	-2.81	-0.65	-1.26	-1.58	-6.02	5.04	-8.51	-38.8637
111	3481	0.08	-1.23	-0.30	-5.55	0.02	-2.64	-0.34	-4.23	-0.52	-0.89	-1.45	1.30	-2.87	-1.47	-0.47	-4.96	-9.99	-3.30	-38.7902
112	4892	0.86	-11.39	2.03	-11.11	0.36	0.01	-0.34	-3.96	1.54	-0.16	-2.35	6.00	-0.55	2.67	-1.58	-4.76	-7.48	-8.56	-38.7584
113	4	-0.84	-12.63	2.84	-11.11	0.02	-2.11	-0.94	-6.97	2.44	4.93	3.69	15.71	-28.98	7.74	-2.14	-6.59	5.04	-8.84	-38.7200
114	28	-0.36	-9.22	2.83	-11.11	-0.33	-1.05	-0.94	-8.87	1.51	1.66	-2.99	15.71	-16.23	-1.25	-2.14	-4.89	7.55	-8.56	-38.6773
115	4266	1.69	-11.85	1.16	-5.55	0.02	0.01	1.56	-6.21	1.36	-0.89	-1.87	1.30	-0.76	-1.63	2.86	-6.37	-4.98	-8.51	-38.6576
116	3561	0.08	-0.24	-0.88	-5.55	0.02	-1.58	-0.34	-4.23	-1.22	-1.25	-2.26	1.30	-3.65	-1.62	-0.47	-5.56	-9.99	-1.19	-38.6163
117	2979	0.88	-5.76	2.48	-5.55	-0.33	-1.05	-0.94	-7.69	2.63	-0.16	-3.63	15.71	-14.97	-0.72	-2.69	-2.61	-9.99	-4.09	-38.4820
118	1495	-0.32	-5.76	2.47	-5.55	-0.68	0.01	-0.94	-8.76	2.62	0.20	-3.63	15.71	-14.98	-2.15	-2.69	-2.41	-7.48	-4.09	-38.4205
119	2780	-0.15	-9.97	1.03	-5.55	-0.68	0.01	1.56	-9.35	-0.10	-0.53	-0.87	1.30	-2.40	-2.26	2.30	-3.70	-4.98	-4.09	-38.4025
120	2285	0.39	-13.89	1.33	-5.55	-1.37	1.07	-0.80	-3.65	1.36	0.93	-3.36	0.10	-0.75	-1.43	-0.47	-6.34	2.54	-8.51	-38.3967
121	2773	-0.04	-7.78	-0.09	-5.55	-0.68	-2.11	1.56	-8.57	-0.22	-0.16	-1.30	1.30	-2.52	-2.28	3.41	-6.80	-2.47	-4.03	-38.3174
122	3480	-0.25	2.69	-0.44	-5.55	-0.33	-2.64	-0.34	-6.08	-1.98	-1.98	-0.76	1.30	-4.51	-1.86	-1.58	-2.64	-12.49	1.12	-38.3091
1																				

125	2994	1.57	-5.63	3.13	-11.11	0.02	-1.05	-0.94	-5.65	4.12	0.57	-4.11	15.71	-13.28	-0.40	-1.58	-6.03	-4.98	8.56	-38.2051
126	1486	-0.12	-9.04	3.14	-11.11	0.02	-1.05	-0.94	-4.81	5.04	4.20	2.57	15.71	-26.04	7.16	-1.58	-7.52	-4.98	-8.84	-38.1862
127	3770	1.89	-11.85	1.33	-5.55	-1.02	1.07	-0.80	-2.36	1.36	-0.53	-3.68	0.10	-0.75	-1.18	-1.03	-6.69	0.03	-8.51	-38.1708
128	3520	0.28	-1.14	-1.56	-5.55	-0.33	-2.11	-0.34	-6.63	-1.60	-0.89	-1.12	1.30	-4.08	-0.70	-0.47	-3.45	-9.99	0.22	-38.1706
129	3129	1.40	-13.89	1.35	-5.55	0.36	0.01	-0.94	-5.14	1.46	1.29	-3.36	-2.81	-0.63	1.35	-1.03	-6.07	2.54	-8.51	-38.1573
130	1510	0.37	-5.63	3.12	-11.11	-0.33	0.01	-0.94	-6.71	4.12	0.93	-4.11	15.71	-13.29	-1.83	-1.58	-5.83	-2.47	-8.56	-38.1435
131	3560	-0.25	3.68	-1.01	-5.55	-0.33	-1.58	-0.34	-6.08	-2.67	-2.34	-1.57	1.30	-5.29	-2.01	-1.58	-3.25	-12.49	3.23	-38.1352
132	1645	0.20	-13.89	1.35	-5.55	0.02	1.07	-0.94	-6.21	1.46	1.66	-3.36	-2.81	-0.65	-0.08	-1.03	-5.87	5.04	-8.51	-38.0958
133	4258	1.45	-5.74	-0.09	-5.55	-0.33	-2.11	1.56	-7.28	-0.22	-1.62	-1.61	1.30	-2.52	-2.03	2.86	-7.16	-4.98	-4.03	-38.0915
134	3640	1.94	-11.39	2.02	-11.11	0.02	1.07	-0.34	-5.37	1.49	0.93	-0.54	1.30	-0.61	-0.40	-1.58	-1.97	-4.98	-8.56	-38.0841
135	2122	1.21	-13.00	2.16	0.01	0.71	1.07	-0.34	-4.37	3.15	-0.89	-3.35	1.30	1.24	-4.35	-1.03	-8.75	0.03	-12.75	-37.9259
136	2284	0.05	-9.97	1.19	-5.55	-1.72	1.07	-0.80	-5.50	-0.09	-0.16	-2.68	0.10	-2.39	-1.81	-1.58	-4.02	0.03	-4.09	-37.9156
137	4265	1.40	-13.89	1.16	-5.55	0.02	0.01	1.56	-6.43	1.36	0.20	-1.55	1.30	-0.75	-0.45	3.41	-6.22	-4.98	-8.51	-37.8897
138	2674	-0.82	2.44	-1.26	-5.55	-0.68	-3.17	1.56	-8.35	-1.69	-2.71	-2.25	1.30	-4.18	-4.42	2.86	-6.22	-4.98	0.22	-37.8852
139	658	-0.13	-11.85	1.15	-5.55	-0.33	-1.05	-0.34	-5.59	1.31	-0.53	-1.87	1.30	-0.81	-3.28	-1.03	-5.80	5.04	-8.51	-37.8530
140	2772	-0.38	-3.86	-0.22	-5.55	-1.02	-2.11	1.56	-10.42	-1.67	-1.25	-0.61	1.30	-4.17	-2.66	2.30	-4.49	-4.98	0.39	-37.8363
141	1284	-0.04	-11.39	2.03	-11.11	-0.33	0.01	1.56	-9.25	1.54	-2.34	-2.35	1.30	-0.55	-4.27	2.30	-6.42	10.05	-8.56	-37.8017
142	3128	1.06	-9.97	1.21	-5.55	0.02	0.01	-0.94	-7.00	0.01	0.20	-2.68	-2.81	-2.28	0.97	-2.14	-3.75	0.03	-4.09	-37.6762
143	1644	-0.14	-9.97	1.21	-5.55	-0.33	1.07	-0.94	-8.06	0.00	0.57	-2.68	-2.81	-2.29	-0.46	-2.14	-3.55	2.54	-4.09	-37.6147
144	2751	-0.01	-7.94	1.67	-5.55	-0.68	1.07	1.56	-9.13	2.65	-3.80	-2.99	1.30	0.70	-5.16	1.75	-3.93	-4.98	-4.09	-37.5449
145	2969	0.79	-11.08	3.14	-11.11	0.36	-2.11	-0.94	-3.96	5.06	4.93	2.88	15.71	-26.02	9.78	-1.03	-7.57	-7.48	-8.84	-37.4798
146	2993	1.27	-7.66	3.13	-11.11	0.02	-1.05	-0.94	-5.86	4.13	1.66	-3.80	15.71	-13.27	0.78	-1.03	-5.88	-4.98	-8.56	-37.4372
147	1485	-0.42	-11.08	3.14	-11.11	0.02	-1.05	-0.94	-5.03	5.05	5.29	2.88	15.71	-26.03	8.35	-1.03	-7.37	-4.98	-8.84	-37.4183
148	4264	1.06	-9.97	1.03	-5.55	-0.33	-0.97	1.56	-8.28	-0.09	-0.89	-0.87	1.30	-2.39	-0.83	2.30	-3.90	-7.48	-4.09	-37.4086
149	3769	1.59	-13.89	1.33	-5.55	-1.02	1.07	-0.80	-2.58	1.37	0.57	-3.36	0.10	-0.74	0.00	-0.47	-6.54	0.03	-8.51	-37.4029
150	1509	0.07	-7.66	3.13	-11.11	-0.33	0.01	-0.94	-6.93	4.12	2.02	-3.80	15.71	-13.28	-0.65	-1.03	-5.68	-2.47	-8.56	-37.3756
151	4257	1.16	-7.78	-0.08	-5.55	-0.33	-2.11	1.56	-7.50	-0.21	-0.53	-1.30	1.30	-2.52	-0.85	3.41	-7.01	-4.98	-4.03	-37.3236
152	650	-0.37	-5.74	-0.10	-5.55	-0.68	-3.17	-0.34	-6.66	-0.27	-1.25	-1.61	1.30	-2.58	-3.68	-1.03	-6.59	5.04	-4.03	-37.2869
153	2766	0.68	-7.80	2.32	-11.11	-0.33	1.07	1.56	-7.09	4.15	-3.07	-3.47	1.30	2.39	-4.85	2.86	-7.35	0.03	-8.56	-37.2679
154	2127	0.87	-9.36	2.66	-11.11	-0.33	3.19	-0.34	-6.22	4.23	-1.98	-2.66	1.30	2.48	-4.73	-2.14	-2.01	-2.47	-8.56	-37.1744
155	2121	0.92	-15.03	2.16	0.01	0.71	1.07	-0.34	-4.59	3.16	0.20	-3.03	1.30	1.25	-3.16	-0.47	-8.60	0.03	-12.75	-37.1580
156	2673	-1.12	0.41	-1.26	-5.55	-0.68	-3.17	1.56	-8.57	-1.68	-1.62	-1.93	1.30	-4.17	-3.23	3.41	-6.06	-4.98	0.22	-37.1173
157	657	-0.43	-13.89	1.15	-5.55	-0.33	-1.05	-0.34	-5.80	1.31	0.57	-1.55	1.30	-0.80	-2.10	-0.47	-5.65	5.04	-8.51	-37.0851
158	3606	2.42	-13.00	2.16	0.01	1.06	1.07	-0.34	-3.30	3.16	-1.25	-3.35	1.30	1.25	-2.92	-1.03	-8.95	-2.47	-12.75	-36.9321
159	3768	1.25	-9.97	1.19	-5.55	-1.37	1.07	-0.80	-4.43	-0.08	-0.53	-2.68	0.10	-2.39	-0.38	-1.58	-4.22	-2.47	-4.09	-36.9218
160	4158	0.38	2.44	-1.26	-5.55	-0.33	-3.17	1.56	-7.28	-1.68	-3.07	-2.25	1.30	-4.17	-2.99	2.86	-6.42	-7.48	0.22	-36.8914
161	4256	0.82	-3.86	-0.22	-5.55	-0.68	-2.11	1.56	-9.35	-1.67	-1.62	-0.61	1.30	-4.16	-1.23	2.30	-4.69	-7.48	0.39	-36.8425
162	2000	-0.93	-2.78	-0.59	-5.55	-0.33	-1.58	-0.34	-6.68	-0.42	-0.16	-0.64	1.30	-2.75	-2.05	-0.47	-2.06	-7.48	-3.30	-36.8088
163	4874	0.08	-6.38	1.32	-5.55	0.02	-2.11	-0.34	-3.02	2.52	-2.71	-3.80	6.00	0.57	1.44	-1.03	-7.24	-12.49	-4.09	-36.7967
164	10	-1.14	-4.21	2.13	-5.55	-0.68	-3.17	-0.94	-7.93	2.49	-0.89	-4.44	15.71	-15.11	-2.48	-1.58	-7.38	2.54	-4.09	-36.7156
165	2672	-1.46	4.33	-1.40	-5.55	-1.02	-3.17	1.56	-10.42	-3.14	-2.71	-1.25	1.30	-5.81	-3.62	2.30	-3.75	-7.48	4.64	-36.6362
166	2080	-0.93	-1.79	-1.17	-5.55	-0.33	-0.52	-0.34	-6.68	-1.12	-0.53	-1.45	1.30	-3.54	-2.20	-0.47	-2.67	-7.48	-1.19	-36.6350
167	656	-0.77	-9.97	1.02	-5.55	-0.68	-1.05	-0.34	-7.66	-0.14	-0.53	-0.87	1.30	-2.44	-2.48	-1.58	-3.33	2.54	-4.09	-36.6040
168	4235	1.19	-7.94	1.67	-5.55	-0.33	1.07	1.56	-8.07	2.66	-4.16	-2.99	1.30	0.71	-3.73	1.75	-4.13	-7.48	-4.09	-36.5510
169	649	-0.66	-7.78	-0.10	-5.55	-0.68	-3.17	-0.34	-6.87	-0.26	-0.16	-1.30	1.30	-2.57	-2.50	-0.47	-6.44	5.04	-4.03	-36.5190
170	2765	0.39	-9.84	2.32	-11.11	-0.33	1.07	1.56	-7.31	4.15	-1.98	-3.16	1.30	2.40	-3.66	3.41	-7.20	0.03	-8.56	-36.5000
171	1818	0.63	-5.68	0.14	0.01	-0.68	-1.58	-0.34	-0.05	-0.91	-1.25	-1.09	-2.49	-3.30	-3.59	-1.03	-10.79	-2.47	-1.88	-36.3248
172	4250	1.89	-7.80	2.32	-11.11	0.02	1.07	1.56	-6.02	4.15	-3.43	-3.47	1.30	2.40	-3.42	2.86	-7.55	-2.47	-8.56	-36.2741
173	3611	2.08	-9.36	2.66	-11.11	0.02	3.19	-0.34	-5.15	4.24	-2.34	-2.66	1.30	2.48	-3.30	-2.14	-2.21	-4.98	-8.56	-36.1806
174	3605	2.12	-15.03	2.16	0.01	1.06	1.07	-0.34	-3.52	3.16	-0.16	-3.03	1.30	1.26	-1.73	-0.47	-8.80	-2.47	-12.75	-36.1642
175	4157	0.08	0.41	-1.26	-5.55	-0.33	-3.17	1.56	-7.50	-1.68	-1.98	-1.93	1.30	-4.16	-1.80	3.41	-6.27	-7.48	0.22	-36.1234
176	550	-1.44	2.44	-1.27	-5.55	-0.68	-4.23	-0.34	-6.66	-1.73	-2.71	-2.25	1.30	-4.22	-4.63	-1.03	-5.85	2.54	0.22	-36.0868
177	2138	-0.04	-6.38	1.31	-5.55	-0.68	0.01	-0.34	-5.50	2.46	-1.25	-1.99	1.30	0.50	-3.06	-1.03	-4.26	-7.48	-4.09	-36.0703
178	648	-1.00	-3.86	-0.23	-5.55	-1.02	-3.17	-0.34	-8.73	-1.72	-1.25	-0.61	1.30	-4.21	-2.88	-1.58	-4.12	2.54	0.39	-36.0379
179	4873	-0.21	-8.42	1.33	-5.55	0.02	-2.11	-0.34	-3.24	2.53	-1.62	-3.49	6.00	0.58	2.63	-0.47	-7.09	-12.49	-4.09	-36.0288
180	2983	1.41	-11.23	2.32	-5.55	0.02	0.01	-0.94	-7.23	4.19	1.29	-3.51	15.71	-13.21	0.52	-1.58	-2.23	-7.48	-8.51	-35.9879
181	9	-1.43	-6.24	2.13	-5.55	-0.68	-3.17	-0.94	-8.15	2.50	0.20	-4.13	15.71	-15.10	-1.30	-1.03	-7.23	2.54	-4.09	-35.9477
182	1499	0.21	-11.23	2.32	-5.55	-0.33	1.07	-0.94	-8.29	4.18	1.66	-3.51	15.71	-13.22	-0.91	-1.58	-2.03	-4.98	-8.51	-35.9264
183	2784	0.38	-15.43	0.87	-5.55	-0.33	1.07	1.56	-8.89	1.47	0.93	-0.74	1.30	-0.64	-1.03	3.41	-3.32	-2.47	-8.51	-35.9084
184	1266	-0.82	-6.38	1.32	-5.55	-0.68	-2.11	1.56	-8.31	2.52	-4.89	-3.80	1.30	0.57	-5.49	2.86	-8.90	5.04	-4.09	-35.8400
185	3484	0.28	-2.78	-0.59	-5.55	0.02	-1.58	-0.34	-5.61	-0.42	-0.53	-0.64	1.30	-2.75	-0.62	-0.47	-2.26	-9.99	-3.30	-35.8150
186	627	-0.63	-7.94	1.66	-5.55	-0.68	0.01	-0.34	-7.44	2.61	-3.80	-2.99	1.30	0.66	-5.38	-2.14	-3.56	2.54	-4.09	-35.7465
187	4156	-0.25	4.33	-1.40	-5.55	-0.68	-3.17	1.56	-9.35	-3.13	-3.07	-1.25	1.30	-5.81	-2.18					

190	2638	-0.82	0.81	-0.30	-5.55	-0.33	-2.64	1.56	-7.33	0.50	-2.34	-1.76	1.30	-2.84	-4.34	2.86	-5.02	-4.98	3.30	-35.5296
191	4249	1.59	-9.84	2.33	-11.11	0.02	1.07	1.56	-6.24	4.16	-2.34	-3.16	1.30	2.40	-2.23	3.41	-7.40	-2.47	-8.56	-35.5062
192	2130	-0.28	-0.27	0.06	-5.55	-1.02	-2.11	-0.34	-6.57	0.89	-1.98	-1.74	1.30	-1.27	-3.46	-1.03	-5.05	-7.48	0.39	-35.5041
193	642	0.06	-7.80	2.31	-11.11	-0.33	0.01	-0.34	-5.39	4.10	-3.07	-3.47	1.30	2.34	-5.06	-1.03	-6.98	7.55	-8.56	-35.4695
194	2288	0.58	-15.43	1.03	-5.55	-1.37	2.13	-0.80	-5.03	1.47	1.29	-2.55	0.10	-0.63	-0.57	-0.47	-3.64	2.54	-8.51	-35.4215
195	2718	-0.82	1.79	-0.87	-5.55	-0.33	-1.58	1.56	-7.33	-1.19	-2.71	-2.57	1.30	-3.63	-4.49	2.86	-5.63	-4.98	-1.19	-35.3557
196	2776	0.15	-9.32	-0.38	-5.55	-0.68	-1.05	1.56	-9.95	-0.11	0.20	-0.49	1.30	-2.40	-1.43	3.41	-4.11	-2.47	-4.03	-35.3422
197	3302	1.83	-5.68	0.14	0.01	-0.33	-1.58	-0.34	1.01	-0.90	-1.62	-1.09	-2.49	-3.29	-2.15	-1.03	-10.99	-4.98	-1.88	-35.3310
198	549	-1.74	0.41	-1.27	-5.55	-0.68	-4.23	-0.34	-6.87	-1.73	-1.62	-1.93	1.30	-4.22	-3.45	-0.47	-5.70	2.54	0.22	-35.3189
199	2137	-0.34	-8.42	1.31	-5.55	-0.68	0.01	-0.34	-5.72	2.47	-0.16	-1.68	1.30	0.50	-1.88	-0.47	-4.11	-7.48	-4.09	-35.3024
200	2988	1.35	-18.65	4.32	-11.11	1.75	-2.11	-0.94	-3.41	3.14	2.38	-2.92	15.71	-14.39	3.14	-2.14	-3.49	5.04	-12.87	-35.1945
201	3132	1.59	-15.43	1.06	-5.55	0.36	1.07	-0.94	-5.55	1.57	1.66	-2.55	-2.81	-0.52	2.20	-1.03	-3.37	2.54	-8.51	-35.1821
202	1504	0.15	-18.65	4.31	-11.11	1.40	-1.05	-0.94	-4.48	3.13	2.75	-2.92	15.71	-14.40	1.71	-2.14	-3.29	7.55	-12.87	-35.1330
203	1648	0.39	-15.43	1.06	-5.55	0.02	2.13	-0.94	-7.60	1.57	2.02	-2.55	-2.81	-0.53	0.77	-1.03	-3.17	5.04	-8.51	-35.1206
204	3622	1.16	-6.38	1.31	-5.55	-0.33	0.01	-0.34	-4.43	2.47	-1.62	-1.99	1.30	0.50	-1.63	-1.03	-4.47	-9.99	-4.09	-35.0764
205	1816	-0.01	-3.80	0.00	0.01	-1.02	-1.58	-0.34	-2.12	-2.35	-1.25	-0.09	-2.49	-4.93	-2.79	-1.58	-8.32	-4.98	2.54	-35.0758
206	1265	-1.12	-8.42	1.33	-5.55	-0.68	-2.11	1.56	-8.52	2.53	-3.80	-3.49	1.30	0.58	-4.31	3.41	-8.75	5.04	-4.09	-35.0721
207	2755	0.52	-13.40	1.52	-5.55	-0.33	2.13	1.56	-8.67	4.21	-2.34	-2.87	1.30	2.46	-3.93	2.86	-3.55	-2.47	-8.51	-35.0508
208	4268	1.59	-15.43	0.87	-5.55	0.02	1.07	1.56	-7.82	1.47	0.57	-0.74	1.30	-0.63	0.40	3.41	-3.52	-4.98	-8.51	-34.9145
209	548	-2.08	4.33	-1.41	-5.55	-1.02	-4.23	-0.34	-8.73	-3.18	-2.71	-1.25	1.30	-5.86	-3.83	-1.58	-3.38	0.03	4.64	-34.8378
210	2637	-1.12	-1.23	-0.29	-5.55	-0.33	-2.64	1.56	-7.55	-0.49	-1.25	-1.45	1.30	-2.83	-3.16	3.41	-4.87	-4.98	-3.30	-34.7617
211	2129	-0.58	-2.30	0.06	-5.55	-1.02	-2.11	-0.34	-6.79	0.90	-0.89	-1.42	1.30	-1.27	-2.28	-0.47	-4.90	-7.48	0.39	-34.7362
212	641	-0.23	-9.84	2.31	-11.11	-0.33	0.01	-0.34	-5.61	4.11	-1.98	-3.16	1.30	2.35	-3.88	-0.47	-6.83	7.55	-8.56	-34.7016
213	2717	-1.12	-0.24	-0.87	-5.55	-0.33	-1.58	1.56	-7.55	-1.19	-1.62	-2.26	1.30	-3.62	-3.31	3.41	-5.48	-4.98	-1.19	-34.5878
214	3301	1.53	-7.72	0.14	0.01	-0.33	-1.58	-0.34	0.80	-0.89	-0.53	-0.77	-2.49	-3.28	-0.97	-0.47	-10.84	-4.98	-1.88	-34.5631
215	4122	0.38	0.81	-0.29	-5.55	0.02	-2.64	1.56	-6.26	-0.50	-2.71	-1.76	1.30	-2.83	-2.91	2.86	-5.23	-7.48	-3.30	-34.5357
216	3614	0.92	-0.27	0.06	-5.55	-0.68	-2.11	-0.34	-5.50	0.90	-2.34	-1.74	1.30	-1.27	-2.03	-1.03	-5.26	-9.99	0.39	-34.5103
217	3772	1.78	-15.43	1.03	-5.55	-1.02	2.13	-0.80	-3.97	1.48	0.93	-2.55	0.10	-0.62	0.86	-0.47	-3.84	0.03	-8.51	-34.4277
218	4202	0.38	1.79	-0.87	-5.55	0.02	-1.58	1.56	-6.26	-1.19	-3.07	-2.57	1.30	-3.62	-3.06	2.86	-5.84	-7.48	-1.19	-34.3619
219	4260	1.35	-9.32	-0.38	-5.55	-0.33	-1.05	1.56	-8.89	-0.10	-0.16	-0.49	1.30	-2.40	0.01	3.41	-4.31	-4.98	-4.03	-34.3484
220	3621	0.87	-8.42	1.31	-5.55	-0.33	0.01	-0.34	-4.65	2.48	-0.53	-1.68	1.30	0.51	-0.45	-0.47	-4.31	-9.99	-4.09	-34.3085
221	2030	-1.35	7.91	-1.11	-5.55	-1.02	-3.17	-0.34	-6.57	-0.57	-3.43	-2.37	1.30	-2.92	-4.41	-1.03	-4.31	-9.99	4.64	-34.3040
222	2636	-1.46	2.69	-0.43	-5.55	-0.68	-2.64	1.56	-9.40	-1.95	-2.34	-0.76	1.30	-4.48	-3.54	2.30	-2.55	-7.48	1.12	-34.2806
223	2760	0.46	-20.82	3.51	-11.11	1.40	0.01	1.56	-4.85	3.16	-1.25	-2.28	1.30	1.28	-1.31	2.30	-4.81	10.05	-12.87	-34.2574
224	2124	1.11	-16.58	1.86	0.01	0.71	2.13	-0.34	-5.97	3.26	0.57	-2.22	1.30	1.37	-2.31	-0.47	-5.90	0.03	-12.75	-34.1829
225	2926	0.68	-11.85	1.33	-5.55	-1.37	1.07	1.09	-5.68	1.39	-0.89	-3.68	0.10	-0.72	-2.86	2.86	-6.61	5.04	-8.51	-34.1423
226	2676	-0.93	-1.14	-1.55	-5.55	-0.68	-2.11	1.56	-9.95	-1.57	-1.25	-1.12	1.30	-4.05	-2.38	3.41	-3.37	-4.98	0.22	-34.1421
227	660	-0.23	-15.43	0.86	-5.55	-0.33	0.01	-0.34	-7.19	1.42	0.93	-0.74	1.30	-0.68	-1.24	-0.47	-2.95	5.04	-8.51	-34.1099
228	2716	-1.46	3.68	-1.01	-5.55	-0.68	-1.58	1.56	-9.40	-2.64	-2.71	-1.57	1.30	-5.26	-3.69	2.30	-3.16	-7.48	3.23	-34.1068
229	3300	1.20	-3.80	0.01	0.01	-0.68	-1.58	-0.34	-1.06	-2.35	-1.62	-0.09	-2.49	-4.92	-1.35	-1.58	-8.52	-7.48	2.54	-34.0820
230	4239	1.73	-13.40	1.52	-5.55	0.02	2.13	1.56	-7.60	4.22	-2.71	-2.87	1.30	2.47	-2.49	2.86	-3.75	-4.98	-8.51	-34.0569
231	2796	0.74	-11.39	2.02	-11.11	-0.33	1.07	1.56	-8.69	1.52	0.57	-0.54	1.30	-0.58	-2.08	2.30	-1.89	0.03	-8.56	-34.0556
232	2990	2.10	-10.82	2.97	0.01	1.06	-1.05	-0.94	-5.18	3.16	2.02	-3.99	15.71	-14.39	-0.15	-1.58	-7.55	-2.47	-12.75	-33.8408
233	4906	0.77	-11.85	1.16	-5.55	0.36	-1.05	-0.34	-2.55	1.34	0.93	-1.87	6.00	-0.77	3.41	-1.03	-4.26	-9.99	-8.51	-33.7874
234	1506	0.90	-10.82	2.97	0.01	0.71	0.01	-0.94	-6.25	3.16	2.38	-3.99	15.71	-14.40	-1.59	-1.58	-7.35	0.03	-12.75	-33.7792
235	4121	0.08	-1.23	-0.29	-5.55	0.02	-2.64	1.56	-6.48	-0.49	-1.62	-1.45	1.30	-2.83	-1.72	3.41	-5.07	-7.48	-3.30	-33.7678
236	3613	0.63	-2.30	0.06	-5.55	-0.68	-2.11	-0.34	-5.72	0.90	-1.25	-1.42	1.30	-1.26	-0.84	-0.47	-5.10	-9.99	0.39	-33.7424
237	514	-1.44	0.81	-0.31	-5.55	-0.33	-3.70	-0.34	-5.64	-0.55	-2.34	-1.76	1.30	-2.89	-4.56	-1.03	-4.66	2.54	-3.30	-33.7312
238	4201	0.08	-0.24	-0.87	-5.55	0.02	-1.58	1.56	-6.48	-1.18	-1.98	-2.26	1.30	-3.61	-1.87	3.41	-5.68	-7.48	-1.19	-33.5940
239	594	-1.44	1.79	-0.88	-5.55	-0.33	-2.64	-0.34	-5.64	-1.24	-2.71	-2.57	1.30	-3.67	-4.70	-1.03	-5.27	2.54	-1.19	-33.5573
240	652	-0.47	-9.32	-0.39	-5.55	-0.68	-2.11	-0.34	-8.26	-0.15	0.20	-0.49	1.30	-2.45	-1.64	-0.47	-3.74	5.04	-4.03	-33.5438
241	2029	-1.65	5.88	-1.11	-5.55	-1.02	-3.17	-0.34	-6.79	-0.57	-2.34	-2.06	1.30	-2.91	-3.23	-0.47	-4.16	-9.99	4.64	-33.5361
242	2925	0.39	-13.89	1.34	-5.55	-1.37	1.07	1.09	-5.90	1.40	0.20	-3.36	0.10	-0.71	-1.68	3.41	-6.46	5.04	-8.51	-33.3744
243	3514	-0.15	7.91	-1.11	-5.55	-0.68	-3.17	-0.34	-5.50	-0.57	-3.80	-2.37	1.30	-2.91	-2.98	-1.03	-4.52	-12.49	4.64	-33.3102
244	4120	-0.25	2.69	-0.43	-5.55	-0.33	-2.64	1.56	-8.33	-1.94	-2.71	-0.76	1.30	-4.47	-2.11	2.30	-2.75	-9.99	1.12	-33.2868
245	4244	1.67	-20.82	3.51	-11.11	1.75	0.01	1.56	-3.78	3.17	-1.62	-2.28	1.30	1.28	0.12	2.30	-5.01	7.55	-12.87	-33.2635
246	631	-0.10	-13.40	1.51	-5.55	-0.33	1.07	-0.34	-6.97	4.17	-2.34	-2.87	1.30	2.42	-4.14	-1.03	-3.18	5.04	-8.51	-33.2524
247	4898	0.53	-5.74	-0.09	-5.55	0.02	-3.17	-0.34	-3.62	-0.23	0.20	-1.61	6.00	-2.54	3.01	-1.03	-5.05	-9.99	-4.03	-33.2213
248	3608	2.31	-16.58	1.87	0.01	1.06	2.13	-0.34	-4.90	3.27	0.20	-2.22	1.30	1.37	-0.88	-0.47	-6.10	-2.47	-12.75	-33.1891
249	4410	1.89	-11.85	1.33	-5.55	-1.02	1.07	1.09	-4.61	1.40	-1.25	-3.68	0.10	-0.71	-1.43	2.86	-6.81	2.54	-8.51	-33.1485
250	4160	0.28	-1.14	-1.55	-5.55	-0.33	-2.11	1.56	-8.89	-1.57	-1.62	-1.12	1.30	-4.05	-0.95	3.41	-3.57	-7.48	0.22	-33.1483
251	2971	1.27	-10.60	3.49	-11.11	0.36	0.01	-0.94	-5.13	5.17	4.20	3.38	15.71	-25.90	8.46	-2.69	-2.50	-7.48	-8.84	-33.1319
252	4200	-0.25	3.68	-1.01	-5.55	-0.33	-1.58	1.56	-8.33	-2.64	-3.07	-1.57	1.30	-5.25	-2.26	2.30</				

255	1487	0.07	-10.60	3.49	-11.11	0.02	1.07	-0.94	-6.19	5.16	4.57	3.38	15.71	-25.91	7.03	-2.69	-2.30	-4.98	8.84	-33.0704
256	4280	1.94	-11.39	2.02	-11.11	0.02	1.07	1.56	-7.62	1.52	0.20	-0.54	1.30	-0.57	-0.65	2.30	-2.09	-2.47	-8.56	-33.0618
257	1511	0.56	-7.18	3.47	-11.11	-0.33	2.13	-0.94	-8.10	4.24	1.29	-3.30	15.71	-13.17	-1.97	-2.69	-0.61	-2.47	-8.56	-33.0277
258	4905	0.48	-13.89	1.16	-5.55	0.36	-1.05	-0.34	-2.77	1.35	2.02	-1.55	6.00	-0.76	4.59	-0.47	-4.10	-9.99	-8.51	-33.0195
259	1505	0.60	-12.86	2.97	0.01	0.71	0.01	-0.94	-6.47	3.16	3.48	-3.67	15.71	-14.39	-0.40	-1.03	-7.19	0.03	-12.75	-33.0113
260	513	-1.74	-1.23	-0.30	-5.55	-0.33	-3.70	-0.34	-5.85	-0.54	-1.25	-1.45	1.30	-2.88	-3.37	-0.47	-4.50	2.54	-3.30	-32.9633
261	2762	1.21	-13.00	2.16	0.01	0.71	1.07	1.56	-6.62	3.18	-1.62	-3.35	1.30	1.28	-4.60	2.86	-8.87	2.54	-12.75	-32.9036
262	2924	0.05	-9.97	1.20	-5.55	-1.72	1.07	1.09	-7.75	-0.05	-0.89	-2.68	0.10	-2.35	-2.06	2.30	-4.14	2.54	-4.09	-32.8933
263	1298	-0.13	-11.85	1.16	-5.55	-0.33	-1.05	1.56	-7.84	1.34	-1.25	-1.87	1.30	-0.77	-3.53	2.86	-5.92	7.55	-8.51	-32.8307
264	593	-1.74	-0.24	-0.88	-5.55	-0.33	-2.64	-0.34	-5.85	-1.23	-1.62	-2.26	1.30	-3.66	-3.52	-0.47	-5.11	2.54	-1.19	-32.7894
265	1910	-0.82	10.75	-3.54	-11.11	-1.02	-4.23	-0.34	3.46	-5.47	-1.25	1.56	-2.49	-8.44	-3.29	-1.03	-6.82	-9.99	11.40	-32.6615
266	1820	0.52	-9.26	-0.15	0.01	-0.68	-0.52	-0.34	-1.66	-0.79	0.20	0.04	-2.49	-3.17	-1.55	-0.47	-7.94	-2.47	-1.88	-32.5817
267	3513	-0.45	5.88	-1.11	-5.55	-0.68	-3.17	-0.34	-5.72	-0.56	-2.71	-2.06	1.30	-2.91	-1.80	-0.47	-4.36	-12.49	4.64	-32.5423
268	4904	0.14	-9.97	1.03	-5.55	0.02	-1.05	-0.34	-4.62	-0.11	0.93	-0.87	6.00	-2.40	4.21	-1.58	-1.79	-12.49	-4.09	-32.5384
269	2300	0.93	-11.39	2.19	-11.11	-1.37	3.19	-0.80	-4.84	1.53	0.93	-2.35	0.10	-0.58	-1.63	-1.58	-2.22	5.04	-8.56	-32.5229
270	512	-2.08	2.69	-0.44	-5.55	-0.68	-3.70	-0.34	-7.70	-2.00	-2.34	-0.76	1.30	-4.52	-3.76	-1.58	-2.19	0.03	1.12	-32.4822
271	636	-0.16	-20.82	3.50	-11.11	1.40	-1.05	-0.34	-3.16	3.11	-1.25	-2.28	1.30	1.23	-1.52	-1.58	-4.44	17.57	-12.87	-32.4589
272	4897	0.24	-7.78	-0.09	-5.55	0.02	-3.17	-0.34	-3.84	-0.23	1.29	-1.30	6.00	-2.53	4.19	-0.47	-4.89	-9.99	-4.03	-32.4534
273	4409	1.59	-13.89	1.34	-5.55	-1.02	1.07	1.09	-4.83	1.41	-0.16	-3.36	0.10	-0.70	-0.25	3.41	-6.66	2.54	-8.51	-32.3806
274	802	0.06	-11.85	1.32	-5.55	-1.37	0.01	-0.80	-3.99	1.35	-0.89	-3.68	0.10	-0.76	-3.08	-1.03	-6.24	12.56	-8.51	-32.3439
275	552	-1.55	-1.14	-1.57	-5.55	-0.68	-3.17	-0.34	-8.26	-1.62	-1.25	-1.12	1.30	-4.10	-2.60	-0.47	-3.00	2.54	0.22	-32.3437
276	592	-2.08	3.68	-1.02	-5.55	-0.68	-2.64	-0.34	-7.70	-2.69	-2.71	-1.57	1.30	-5.30	-3.90	-1.58	-2.79	0.03	3.23	-32.3084
277	3144	1.95	-11.39	2.21	-11.11	0.36	2.13	-0.94	-6.33	1.62	1.29	-2.35	-2.81	-0.46	1.15	-2.14	-1.95	5.04	-8.56	-32.2835
278	1290	-0.37	-5.74	-0.09	-5.55	-0.68	-3.17	1.56	-8.91	-0.23	-1.98	-1.61	1.30	-2.54	-3.93	2.86	-6.71	7.55	-4.03	-32.2646
279	672	0.12	-11.39	2.01	-11.11	-0.33	0.01	-0.34	-6.99	1.47	0.57	-0.54	1.30	-0.62	-2.30	-1.58	-1.52	7.55	-8.56	-32.2572
280	1660	0.74	-11.39	2.21	-11.11	0.02	3.19	-0.94	-7.40	1.62	1.66	-2.35	-2.81	-0.47	-0.28	-2.14	-1.75	7.55	-8.56	-32.2219
281	2767	0.87	-9.36	2.67	-11.11	-0.33	3.19	1.56	-8.47	4.27	-2.71	-2.66	1.30	2.51	-4.98	1.75	-2.13	0.03	-8.56	-32.1521
282	2761	0.92	-15.03	2.17	0.01	0.71	1.07	1.56	-6.84	3.19	-0.53	-3.03	1.30	1.29	-3.42	3.41	-8.71	2.54	-12.75	-32.1357
283	2050	-0.59	-4.00	0.18	5.58	-0.33	-0.52	-0.34	-5.03	0.10	-1.62	-2.50	1.30	-2.17	-3.97	-1.03	-4.72	-7.48	-4.99	-32.1281
284	1297	-0.43	-13.89	1.16	-5.55	-0.33	-1.05	1.56	-8.06	1.35	-0.16	-1.55	1.30	-0.76	-2.35	3.41	-5.77	7.55	-8.51	-32.0628
285	162	-0.13	-11.85	1.34	-5.55	0.02	0.01	-0.94	-6.55	1.44	-0.16	-3.68	-2.81	-0.66	-1.73	-1.58	-5.77	15.06	-8.51	-32.0429
286	4798	-0.54	2.44	-1.27	-5.55	0.02	-4.23	-0.34	-3.62	-1.70	-1.25	-2.25	6.00	-4.18	2.06	-1.03	-4.31	-12.49	0.22	-32.0212
287	4896	-0.10	-3.86	-0.22	-5.55	-0.33	-3.17	-0.34	-5.69	-1.68	0.20	-0.61	6.00	-4.17	3.81	-1.58	-2.58	-12.49	0.39	-31.9723
288	1994	-1.35	6.28	-0.15	-5.55	-0.68	-2.64	-0.34	-5.55	0.61	-3.07	-1.89	1.30	-1.58	-4.34	-1.03	-3.12	-9.99	1.12	-31.9484
289	2118	0.57	-17.24	3.80	-11.11	1.40	0.01	-0.34	-1.00	5.72	-1.98	-3.40	1.30	4.17	-2.10	-1.03	-5.38	7.55	-12.87	-31.9252
290	4246	2.42	-13.00	2.17	0.01	1.06	1.07	1.56	-5.55	3.19	-1.98	-3.35	1.30	1.29	-3.17	2.86	-9.07	0.03	-12.75	-31.9098
291	4408	1.25	-9.97	1.20	-5.55	-1.37	1.07	1.09	-6.68	-0.05	-1.25	-2.68	0.10	-2.35	-0.63	2.30	-4.34	0.03	-4.09	-31.8995
292	1909	-1.12	8.72	-3.54	-11.11	-1.02	-4.23	-0.34	3.24	-5.46	-0.16	1.87	-2.49	-8.44	-2.10	-0.47	-6.66	-9.99	11.40	-31.8936
293	2640	-0.93	-2.78	-0.59	-5.55	-0.33	-1.58	1.56	-8.93	-0.39	-0.89	-0.64	1.30	-2.71	-2.30	3.41	-2.17	-4.98	-3.30	-31.7865
294	2074	-1.35	7.26	-0.72	-5.55	-0.68	-1.58	-0.34	-5.55	-0.08	-3.43	-2.70	1.30	-2.37	-4.48	-1.03	-3.73	-9.99	3.23	-31.7746
295	2154	0.84	-7.80	2.31	-11.11	-0.33	1.07	-0.34	-4.84	4.08	-0.16	-1.66	1.30	2.32	-2.88	-1.03	-2.46	-2.47	-8.56	-31.7234
296	4875	0.27	-7.94	1.67	-5.55	0.02	0.01	-0.34	-4.40	2.64	-2.34	-2.99	6.00	0.70	1.31	-2.14	-2.02	-12.49	-4.09	-31.6808
297	3394	0.38	10.75	-3.54	-11.11	-0.68	-4.23	-0.34	4.53	-5.47	-1.62	1.56	-2.49	-8.44	-1.85	-1.03	-7.02	-12.49	11.40	-31.6676
298	2720	-0.93	-1.79	-1.16	-5.55	-0.33	-0.52	1.56	-8.93	-1.08	-1.25	-1.45	1.30	-3.50	-2.45	3.41	-2.78	-4.98	-1.19	-31.6127
299	11	-0.94	-5.76	2.47	-5.55	-0.68	-1.05	-0.94	-9.32	2.61	-0.53	-3.63	15.71	-14.99	-2.62	-2.69	-2.16	2.54	-4.09	-31.5997
300	3304	1.73	-9.26	-0.15	0.01	-0.33	-0.52	-0.34	-0.59	-0.78	-0.16	0.04	-2.49	-3.16	-0.12	-0.47	-8.14	-4.98	-1.88	-31.5879
301	1296	-0.77	-9.97	1.03	-5.55	-0.68	-1.05	1.56	-9.91	-0.11	-1.25	-0.87	1.30	-2.40	-2.73	2.30	-3.45	5.04	-4.09	-31.5817
302	801	-0.23	-13.89	1.32	-5.55	-1.37	0.01	-0.80	-4.21	1.36	0.20	-3.36	0.10	-0.76	-1.90	-0.47	-6.09	12.56	-8.51	-31.5760
303	3784	2.14	-11.39	2.19	-11.11	-1.02	3.19	-0.80	-3.77	1.53	0.57	-2.35	0.10	-0.57	-0.20	-1.58	-2.42	2.54	-8.56	-31.5290
304	1289	-0.66	-7.78	-0.09	-5.55	-0.68	-3.17	1.56	-9.13	-0.23	-0.89	-1.30	1.30	-2.53	-2.75	3.41	-6.55	7.55	-4.03	-31.4967
305	1908	-1.46	12.63	-3.67	-11.11	-1.37	-4.23	-0.34	1.39	-6.92	-1.25	2.56	-2.49	-10.08	-2.49	-1.58	-4.34	-12.49	15.82	-31.4125
306	4890	0.97	-7.80	2.32	-11.11	0.36	0.01	-0.34	-2.36	4.14	-1.62	-3.47	6.00	2.39	1.62	-1.03	-5.44	-7.48	-8.56	-31.4039
307	2	-0.74	-9.04	3.14	-11.11	0.02	-2.11	-0.94	-5.37	5.04	3.48	2.57	15.71	-26.04	6.70	-1.58	-7.27	5.04	-8.84	-31.3655
308	2049	-0.88	-6.04	0.18	5.58	-0.33	-0.52	-0.34	-5.25	0.11	-0.53	-2.19	1.30	-2.16	-2.79	-0.47	-4.56	-7.48	-4.99	-31.3602
309	26	-0.25	-5.63	3.12	-11.11	-0.33	-1.05	-0.94	-7.27	4.11	0.20	-4.11	15.71	-13.30	-2.30	-1.58	-5.58	7.55	-8.56	-31.3228
310	2458	0.63	-5.68	0.15	0.01	-0.68	-1.58	1.56	-2.31	-0.87	-1.98	-1.09	-2.49	-3.26	-3.84	2.86	-10.90	0.03	-1.88	-31.3025
311	161	-0.42	-13.89	1.35	-5.55	0.02	0.01	-0.94	-6.77	1.45	0.93	-3.36	-2.81	-0.65	-0.55	-1.03	-5.62	15.06	-8.51	-31.2750
312	4797	-0.84	0.41	-1.26	-5.55	0.02	-4.23	-0.34	-3.84	-1.69	-0.16	-1.93	6.00	-4.18	3.24	-0.47	-4.15	-12.49	0.22	-31.2533
313	1993	-1.65	4.24	-0.14	-5.55	-0.68	-2.64	-0.34	-5.76	0.62	-1.98	-1.57	1.30	-1.58	-3.15	-0.47	-2.97	-9.99	1.12	-31.1805
314	4251	2.08	-9.36	2.67	-11.11	0.02	3.19	1.56	-7.40	4.27	-3.07	-2.66	1.30	2.52	-3.55	1.75	-2.33	-2.47	-8.56	-31.1583
315	2117	0.27	-19.27	3.80	-11.11	1.40	0.01	-0.34	-1.21	5.73	-0.89	-3.09	1.30	4.18	-0.92	-0.47	-5.22	7.55	-12.87	-31.1573
316	4245	2.12	-15.03	2.17	0.01	1.06	1.07	1.56	-5.77	3.20	-0.89	-3.03	1.30	1.30	-1.99	3.41	-8.92	0.03	-12.75	-31.1419
317	3534	0.62	-4.00	0.18	5.58	0.02	-0.52	-0.34	-3.96	0.10	-1.98	-2.50	1.30	-						

320	1190	-1.44	2.44	-1.27	-5.55	-0.68	-4.23	1.56	-8.91	1.70	-3.43	-2.25	1.30	-4.18	-4.88	2.86	-5.97	5.04	0.22	-31.0645	
321	2778	-0.04	-6.38	1.32	-5.55	-0.68	0.01	1.56	-7.75	2.50	-1.98	-1.99	1.30	0.54	-3.31	2.86	-4.38	-4.98	-4.09	-31.0480	
322	1288	-1.00	-3.86	-0.22	-5.55	-1.02	-3.17	1.56	-10.98	-1.68	-1.98	-0.61	1.30	-4.17	-3.13	2.30	-4.24	5.04	0.39	-31.0156	
323	2073	-1.65	5.23	-0.72	-5.55	-0.68	-1.58	-0.34	-5.76	-0.07	-2.34	-2.38	1.30	-2.36	-3.30	-0.47	-3.58	-9.99	3.23	-31.0067	
324	2153	0.54	-9.84	2.31	-11.11	-0.33	1.07	-0.34	-5.05	4.09	0.93	-1.35	1.30	2.32	-1.70	-0.47	-2.30	-2.47	-8.56	-30.9555	
325	3478	-0.15	6.28	-0.14	-5.55	-0.33	-2.64	-0.34	-4.48	0.62	-3.43	-1.89	1.30	-1.58	-2.90	-1.03	-3.32	-12.49	1.12	-30.9546	
326	2139	0.15	-7.94	1.66	-5.55	-0.68	2.13	-0.34	-6.88	2.58	-0.89	-1.18	1.30	0.62	-3.20	-2.14	0.96	-7.48	-4.09	-30.9544	
327	3602	1.77	-17.24	3.80	-11.11	1.75	0.01	-0.34	0.07	5.73	-2.34	-3.40	1.30	4.18	-0.67	-1.03	-5.58	5.04	-12.87	-30.9313	
328	3393	0.08	8.72	-3.53	-11.11	-0.68	-4.23	-0.34	4.31	-5.46	-0.53	1.87	-2.49	-8.43	-0.67	-0.47	-6.86	-12.49	11.40	-30.8997	
329	2048	-1.22	-2.12	0.04	5.58	-0.68	-0.52	-0.34	-7.10	-1.35	-1.62	-1.50	1.30	-3.80	-3.17	-1.58	-2.25	-9.99	-0.57	-30.8791	
330	2014	-0.59	-5.64	1.15	5.58	0.02	-1.05	-0.34	-4.01	1.28	-1.25	-2.02	1.30	-0.83	-3.89	-1.03	-3.52	-7.48	-8.51	-30.8314	
331	160	-0.76	-9.97	1.21	-5.55	-0.33	0.01	-0.94	-8.62	-0.01	-0.16	-2.68	-2.81	-2.29	-0.93	-2.14	-3.30	12.56	-4.09	-30.7940	
332	4124	0.28	-2.78	-0.59	-5.55	0.02	-1.58	1.56	-7.86	-0.38	-1.25	-0.64	1.30	-2.71	-0.87	3.41	-2.38	-7.48	-3.30	-30.7927	
333	3558	-0.15	7.26	-0.72	-5.55	-0.33	-1.58	-0.34	-4.48	-0.07	-3.80	-2.70	1.30	-2.36	-3.05	-1.03	-3.93	-12.49	3.23	-30.7807	
334	4796	-1.17	4.33	-1.40	-5.55	-0.33	-4.23	-0.34	-5.69	-3.15	-1.25	-1.25	6.00	-5.82	2.86	-1.58	-1.84	-15.00	4.64	-30.7722	
335	3638	2.04	-7.80	2.31	-11.11	0.02	1.07	-0.34	-3.77	4.09	-0.53	-1.66	1.30	2.32	-1.45	-1.03	-2.66	-4.98	-8.56	-30.7296	
336	1267	-0.63	-7.94	1.67	-5.55	-0.68	0.01	1.56	-9.69	2.64	-4.53	-2.99	1.30	0.70	-5.63	1.75	-3.68	5.04	-4.09	-30.7241	
337	2094	-0.59	-4.65	0.57	5.58	0.02	0.01	-0.34	-4.01	0.59	-1.62	-2.83	1.30	-1.62	-4.04	-1.03	-4.13	-7.48	-6.40	-30.6576	
338	4889	0.67	-9.84	2.32	-11.11	0.36	0.01	-0.34	-2.57	4.15	-0.53	-3.16	6.00	2.39	2.81	-0.47	-5.29	-7.48	-8.56	-30.6360	
339	4204	0.28	-1.79	-1.16	-5.55	0.02	-0.52	1.56	-7.86	-1.07	-1.62	-1.45	1.30	-3.49	-1.02	3.41	-2.99	-7.48	-1.19	-30.6188	
340	1	-1.04	-11.08	3.14	-11.11	0.02	-2.11	-0.94	-5.58	5.04	4.57	2.88	15.71	-26.04	7.88	-1.03	-7.12	5.04	-8.84	-30.5976	
341	2282	0.15	-6.38	1.48	-5.55	-1.72	1.07	-0.80	-3.90	2.51	-1.62	-3.80	0.10	0.54	-2.86	-1.03	-4.71	0.03	-4.09	-30.5611	
342	25	-0.55	-7.66	3.12	-11.11	-0.33	-1.05	-0.94	-7.49	4.12	1.29	-3.80	15.71	-13.29	-1.12	-1.03	-5.43	7.55	-8.56	-30.5549	
343	2457	0.33	-7.72	0.15	0.01	-0.68	-1.58	1.56	-2.52	-0.86	-0.89	-0.77	-2.49	-3.25	-2.65	3.41	-10.75	0.03	-1.88	-30.5346	
344	2042	-0.82	2.11	-1.07	5.58	-0.68	-1.58	-0.34	-6.10	-1.48	-2.34	-2.25	1.30	-3.94	-4.37	-1.03	-5.51	-7.48	-0.51	-30.5133	
345	2770	-0.28	-0.27	0.07	-5.55	-1.02	-2.11	1.56	-8.82	0.92	-2.71	-1.74	1.30	-1.23	-3.71	2.86	-5.17	-4.98	0.39	-30.4818	
346	1282	0.06	-7.80	2.32	-11.11	-0.33	0.01	1.56	-7.64	4.14	-3.80	-3.47	1.30	2.38	-5.32	2.86	-7.10	10.05	-8.56	-30.4472	
347	3392	-0.25	12.63	-3.67	-11.11	-1.02	-4.23	-0.34	2.46	-6.91	-1.62	2.56	-2.49	-10.07	-1.05	-1.58	-4.55	-15.00	15.82	-30.4187	
348	2928	0.58	-15.43	1.04	-5.55	-1.37	2.13	1.09	-7.29	1.51	0.57	-2.55	0.10	-0.59	-0.83	3.41	-3.76	5.04	-8.51	-30.3992	
349	2131	-0.09	-1.83	0.41	-5.55	-1.02	0.01	-0.34	-7.95	1.01	-1.62	-0.93	1.30	-1.15	-3.59	-2.14	0.17	-7.48	0.39	-30.3883	
350	3533	0.32	-6.04	0.18	5.58	0.02	-0.52	-0.34	-4.18	0.11	-0.89	-2.19	1.30	-2.15	-1.36	-0.47	-4.77	-9.99	-4.99	-30.3663	
351	643	0.25	-9.36	2.66	-11.11	-0.33	2.13	-0.34	-6.78	4.22	-2.71	-2.66	1.30	2.47	-5.20	-2.14	-1.76	7.55	-8.56	-30.3537	
352	637	0.30	-15.03	2.16	0.01	0.71	0.01	-0.34	-5.14	3.15	-0.53	-3.03	1.30	1.24	-3.63	-0.47	-8.35	10.05	-12.75	-30.3373	
353	3126	1.17	-6.38	1.51	-5.55	0.02	0.01	-0.94	-5.39	2.61	-1.25	-3.80	-2.81	0.66	-0.08	-1.58	-4.44	0.03	-4.09	-30.3217	
354	3942	1.83	-5.68	0.15	0.01	-0.33	-1.58	1.56	-1.24	-0.86	-2.34	-1.09	-2.49	-3.25	-2.41	2.86	-11.11	-2.47	-1.88	-30.3087	
355	1189	-1.74	0.41	-1.26	-5.55	-0.68	-4.23	1.56	-9.13	-1.69	-2.34	-1.93	1.30	-4.18	-3.70	3.41	-5.82	5.04	0.22	-30.2966	
356	2777	-0.34	-8.42	1.32	-5.55	-0.68	0.01	1.56	-7.97	2.51	-0.89	-1.68	1.30	0.54	-2.13	3.41	-4.23	-4.98	-4.09	-30.2800	
357	1642	-0.04	-6.38	1.50	-5.55	-0.33	1.07	-0.94	-6.46	2.60	-0.89	-3.80	-6.46	-2.81	0.64	-1.51	-1.58	-4.24	2.54	-4.09	-30.2602
358	3477	-0.45	4.24	-0.14	-5.55	-0.33	-2.64	-0.34	-4.70	0.63	-2.34	-1.57	1.30	-1.57	-1.72	-0.47	-3.17	-12.49	1.12	-30.1867	
359	3601	1.47	-19.27	3.80	-11.11	1.75	0.01	-0.34	-0.15	5.74	-1.25	-3.09	1.30	4.18	0.51	-0.47	-5.43	5.04	-12.87	-30.1634	
360	1954	-0.82	10.10	-3.15	-11.11	-0.68	-2.64	-0.34	4.48	-4.98	-1.25	1.23	-2.49	-7.89	-3.36	-1.03	-6.23	-9.99	10.00	-30.1320	
361	2992	2.00	-14.41	2.68	0.01	1.06	0.01	-0.94	-6.78	3.28	3.48	-2.86	15.71	-14.26	1.88	-1.03	-4.70	-2.47	-12.75	-30.0977	
362	2013	-0.88	-7.67	1.15	5.58	0.02	-1.05	-0.34	-4.23	1.29	-0.16	-1.70	1.30	-0.82	-2.71	-0.47	-3.37	-7.48	-8.51	-30.0635	
363	4262	1.16	-6.38	1.32	-5.55	-0.33	0.01	1.56	-6.68	2.51	-2.34	-1.99	1.30	0.54	-1.88	2.86	-4.58	-7.48	-4.09	-30.0541	
364	2456	-0.01	-3.80	0.01	0.01	-1.02	-1.58	1.56	-4.38	-2.32	-1.98	-0.09	-2.49	-4.89	-3.04	2.30	-8.43	-2.47	2.54	-30.0535	
365	4908	0.67	-15.43	0.87	-5.55	0.36	0.01	-0.34	-4.15	1.46	2.38	-0.74	6.00	-0.64	5.44	-0.47	-1.41	-9.99	-8.51	-30.0443	
366	1508	0.79	-14.41	2.67	0.01	0.71	1.07	-0.94	-7.85	3.27	3.84	-2.86	15.71	-14.27	0.45	-1.03	-4.50	0.03	-12.75	-30.0362	
367	3557	-0.45	5.23	-0.72	-5.55	-0.33	-1.58	-0.34	-4.70	-0.07	-2.71	-2.38	1.30	-2.35	-1.87	-0.47	-3.78	-12.49	3.23	-30.0128	
368	516	-1.55	-2.78	-0.60	-5.55	-0.33	-2.64	-0.34	-7.24	-0.43	-0.89	-0.64	1.30	-2.76	-2.52	-0.47	-1.81	2.54	-3.30	-29.9881	
369	3637	1.75	-9.84	2.31	-11.11	0.02	1.07	-0.34	-3.98	4.09	0.57	-1.35	1.30	2.33	-0.27	-0.47	-2.51	-4.98	-8.56	-29.9617	
370	3623	1.35	-7.94	1.66	-5.55	-0.33	2.13	-0.34	-5.81	2.59	-1.25	-1.18	1.30	0.63	-1.77	-2.14	0.76	-9.99	-4.09	-29.9606	
371	2093	-0.88	-6.68	0.57	5.58	0.02	0.01	-0.34	-4.23	0.60	-0.53	-2.51	1.30	-1.61	-2.86	-0.47	-3.98	-7.48	-6.40	-29.8897	
372	3532	-0.02	-2.12	0.04	5.58	-0.33	-0.52	-0.34	-6.03	-1.34	-1.98	-1.50	1.30	-3.80	-1.74	-1.58	-2.45	-12.49	-0.57	-29.8853	
373	3498	0.62	-5.64	1.15	5.58	0.36	-1.05	-0.34	-2.94	1.29	-1.62	-2.02	1.30	-0.82	-2.46	-1.03	-3.73	-9.99	-8.51	-29.8376	
374	1188	-2.08	4.33	-1.40	-5.55	-1.02	-4.23	1.56	-10.98	-3.15	-3.43	-1.25	1.30	-5.82	-4.08	2.30	-3.50	2.54	4.64	-29.8155	
375	596	-1.55	-1.79	-1.17	-5.55	-0.33	-1.58	-0.34	-7.24	-1.12	-1.25	-1.45	1.30	-3.54	-2.67	-0.47	-2.42	2.54	-1.19	-29.8143	
376	2281	-0.14	-8.42	1.48	-5.55	-1.72	1.07	-0.80	-4.12	2.51	-0.53	-3.49	0.10	0.55	-1.68	-0.47	-4.55	0.03	-4.09	-29.7932	
377	2041	-1.12	0.07	-1.07	5.58	-0.68	-1.58	-0.34	-6.32	-1.47	-1.25	-1.93	1.30	-3.93	-3.19	-0.47	-5.36	-7.48	-0.51	-29.7454	
378	2769	-0.58	-2.30	0.07	-5.55	-1.02	-2.11	1.56	-9.04	0.93	-1.62	-1.42	1.30	-1.23	-2.53	3.41	-5.02	-4.98	0.39	-29.7139	
379	1832	0.87	-5.22	1.00	-5.55	-0.68	0.54	-0.34	-1.46	-0.74	-0.16	0.24	-2.49	-3.12	-2.61	-1.58	-6.52	0.03	-1.92	-29.6831	
380	1281	-0.23	-9.84	2.32	-11.11	-0.33	0.01	1.56	-7.86	4.15	-2.71	-3.16	1.30	2.39	-4.13	3.41	-6.95	10.05	-8.56	-29.6793	
381	4762	-0.54	0.81	-0.30	-5.55	0.36	-3.70	-0.34	-2.60	-0.51	-0.89	-1.76	6.00	-2.85	2.13	-1.03	-3.11	-12.49	-3.30	-29.6656	
382	3578	0.62	-4.65	0.57	5.58	0.36	0.01	-0.34	-2.94	0.60	-1.98	-2.83	1.30	-1.61	-2.						

385	3766	1.36	-6.38	1.48	-5.55	-1.37	1.07	-0.80	-2.83	2.51	-1.98	-3.80	0.10	0.55	-1.43	-1.03	-4.91	-2.47	4.09	-29.5673	
386	3125	0.87	-8.42	1.51	-5.55	0.02	0.01	-0.94	-5.61	2.61	-0.16	-3.49	-2.81	0.66	1.10	-1.03	-4.29	0.03	-4.09	-29.5538	
387	3941	1.53	-7.72	0.15	0.01	-0.33	-1.58	1.56	-1.46	-0.86	-1.25	-0.77	-2.49	-3.24	-1.22	3.41	-10.95	-2.47	-1.88	-29.5408	
388	1516	-0.83	-1.76	1.00	-11.11	0.71	-1.05	-0.94	-6.41	1.62	4.57	3.44	15.71	-30.11	13.17	-2.14	-4.62	-4.98	-5.80	-29.5353	
389	3526	0.38	2.11	-1.07	5.58	-0.33	-1.58	-0.34	-5.03	-1.47	-2.71	-2.25	1.30	-3.94	-2.94	-1.03	-5.71	-9.99	-0.51	-29.5194	
390	334	0.01	-5.68	0.14	0.01	-0.68	-2.64	-0.34	-0.61	-0.91	-1.98	-1.09	-2.49	-3.30	-4.05	-1.03	-10.54	7.55	-1.88	-29.5041	
391	1641	-0.33	-8.42	1.51	-5.55	-0.33	1.07	-0.94	-6.68	2.61	0.20	-3.49	-2.81	0.65	-0.33	-1.03	-4.09	2.54	-4.09	-29.4923	
392	4842	-0.54	1.79	-0.87	-5.55	0.36	-2.64	-0.34	-2.60	-1.20	-1.25	-2.57	6.00	-3.63	1.98	-1.03	-3.72	-12.49	-1.19	-29.4917	
393	4254	0.92	-0.27	0.07	-5.55	-0.68	-2.11	1.56	-7.75	0.93	-3.07	-1.74	1.30	-1.23	-2.28	2.86	-5.37	-7.48	0.39	-29.4880	
394	4900	0.43	-9.32	-0.38	-5.55	0.02	-2.11	-0.34	-5.22	-0.12	1.66	-0.49	6.00	-2.41	5.05	-0.47	-2.20	-9.99	-4.03	-29.4782	
395	2092	-1.22	-2.77	0.43	5.58	-0.33	0.01	-0.34	-6.08	-0.86	-1.62	-1.83	1.30	-3.25	-3.24	-1.58	-1.66	-9.99	-1.98	-29.4086	
396	4412	1.78	-15.43	1.04	-5.55	-1.02	2.13	1.09	-6.22	1.51	0.20	-2.55	0.10	-0.59	0.60	3.41	-3.96	2.54	-8.51	-29.4054	
397	3615	1.12	-1.83	0.41	-5.55	-0.68	0.01	-0.34	-6.88	1.01	-1.98	-0.93	1.30	-1.14	-2.16	-2.14	-0.03	-9.99	0.39	-29.3945	
398	1953	-1.12	8.07	-3.14	-11.11	-0.68	-2.64	-0.34	4.27	-4.97	-0.16	1.55	-2.49	-7.88	-2.17	-0.47	-6.08	-9.99	10.00	-29.3641	
399	4261	0.87	-8.42	1.32	-5.55	-0.33	0.01	1.56	-6.90	2.51	-1.25	-1.68	1.30	0.55	-0.70	3.41	-4.43	-7.48	-4.09	-29.2862	
400	2670	-1.35	7.91	-1.11	-5.55	-1.02	-3.17	1.56	-8.82	-0.54	-4.16	-2.37	1.30	-2.88	-4.66	2.86	-4.43	-7.48	4.64	-29.2817	
401	2040	-1.46	3.99	-1.21	5.58	-1.02	-1.58	-0.34	-8.17	-2.93	-2.34	-1.25	1.30	-5.58	-3.57	-1.58	-3.04	-9.99	3.91	-29.2643	
402	654	-0.66	-6.38	1.31	-5.55	-0.68	-1.05	-0.34	-6.05	2.46	-1.98	-1.99	1.30	0.49	-3.53	-1.03	-4.01	2.54	-4.09	-29.2495	
403	1874	-0.82	9.11	-2.57	-11.11	-0.68	-2.64	-0.34	4.48	-4.29	-0.89	2.04	-2.49	-7.11	-3.21	-1.03	-5.62	-9.99	7.89	-29.2482	
404	2006	-0.82	0.47	-0.10	5.58	-0.33	-2.11	-0.34	-5.08	-0.29	-1.98	-1.76	1.30	-2.61	-4.29	-1.03	-4.32	-7.48	-4.03	-29.2166	
405	2031	-1.16	6.36	-0.77	-5.55	-1.02	-1.05	-0.34	-7.95	-0.46	-3.07	-1.56	1.30	-2.80	-4.55	-2.14	0.91	-9.99	4.64	-29.1882	
406	4879	0.81	-13.40	1.51	-5.55	0.36	1.07	-0.34	-3.94	4.20	-0.89	-2.87	6.00	2.46	2.55	-1.03	-1.64	-9.99	-8.51	-29.1867	
407	2764	1.11	-16.58	1.87	0.01	0.71	2.13	1.56	-8.22	3.30	-0.16	-2.22	1.30	1.41	-2.56	3.41	-6.02	2.54	-12.75	-29.1606	
408	3438	0.38	10.10	-3.14	-11.11	-0.33	-2.64	-0.34	5.55	-4.97	-1.62	1.23	5.55	-2.49	-7.88	-1.93	-1.03	-6.43	-12.49	10.00	-29.1382
409	15	-0.41	-11.23	2.32	-5.55	-0.33	0.01	-0.94	-8.85	4.18	0.93	-3.51	15.71	-13.22	-1.38	-1.58	-1.78	5.04	-8.51	-29.1057	
410	1300	-0.23	-15.43	0.87	-5.55	-0.33	0.01	1.56	-9.44	1.46	0.20	-0.74	1.30	-0.64	-1.50	3.41	-3.07	7.55	-8.51	-29.0876	
411	3497	0.32	-7.67	1.15	5.58	0.36	-1.05	-0.34	-3.16	1.30	-0.53	-1.70	1.30	-0.82	-1.28	-0.47	-3.57	-9.99	-8.51	-29.0697	
412	3940	1.20	-3.80	0.01	0.01	-0.68	-1.58	1.56	-3.31	-2.31	-2.34	-0.09	-2.49	-4.88	-1.61	2.30	-8.64	-4.98	2.54	-29.0597	
413	2086	-0.82	1.46	-0.68	5.58	-0.33	-1.05	-0.34	-5.08	-0.98	-2.34	-2.57	1.30	-3.39	-4.44	-1.03	-4.93	-7.48	-1.92	-29.0428	
414	1912	-0.93	7.17	-3.83	-11.11	-1.02	-3.17	-0.34	1.86	-5.36	0.20	2.68	-2.49	-8.32	-1.25	-0.47	-3.97	-9.99	11.40	-28.9184	
415	4761	-0.84	-1.23	-0.30	-5.55	0.36	-3.70	-0.34	-2.82	-0.50	0.20	-1.45	6.00	-2.84	3.32	-0.47	-2.96	-12.49	-3.30	-28.8977	
416	3577	0.32	-6.68	0.57	5.58	0.36	0.01	-0.34	-3.16	0.60	-0.89	-2.51	1.30	-1.60	-1.43	-0.47	-4.18	-9.99	-6.40	-28.8959	
417	1952	-1.46	11.98	-3.28	-11.11	-1.02	-2.64	-0.34	2.41	-6.43	-1.25	2.23	-2.49	-9.53	-2.56	-1.58	-3.76	-12.49	14.42	-28.8830	
418	6110	0.69	-3.61	-0.65	-5.55	1.06	-1.58	-0.94	6.90	-0.78	0.93	-3.68	2.65	-3.16	1.23	-1.58	-8.95	-9.99	-1.85	-28.8600	
419	3765	1.06	-8.42	1.49	-5.55	-1.37	1.07	-0.80	-3.05	2.52	-0.89	-3.49	0.10	0.55	-0.25	-0.47	-4.76	-2.47	-4.09	-28.7994	
420	3525	0.08	0.07	-1.07	5.58	-0.33	-1.58	-0.34	-5.25	-1.46	-1.62	-1.93	1.30	-3.93	-1.75	-0.47	-5.56	-9.99	-0.51	-28.7515	
421	333	-0.29	-7.72	0.14	0.01	-0.68	-2.64	-0.34	-0.83	-0.91	-0.89	-0.77	-2.49	-3.29	-2.87	-0.47	-10.38	7.55	-1.88	-28.7362	
422	4841	-0.84	-0.24	-0.87	-5.55	0.36	-2.64	-0.34	-2.82	-1.20	-0.16	-2.26	6.00	-3.62	3.17	-0.47	-3.57	-12.49	-1.19	-28.7238	
423	4253	0.63	-2.30	0.07	-5.55	-0.68	-2.11	1.56	-7.97	0.94	-1.98	-1.42	1.30	-1.22	-1.10	3.41	-5.22	-7.48	0.39	-28.7201	
424	2148	0.62	-20.82	3.50	-11.11	1.40	0.01	-0.34	-2.60	3.09	1.66	-0.47	1.30	1.20	0.66	-1.58	0.09	7.55	-12.87	-28.7129	
425	1154	-1.44	0.81	-0.30	-5.55	-0.33	-3.70	1.56	-7.89	-0.51	-3.07	-1.76	1.30	-2.85	-4.81	2.86	-4.77	5.04	-3.30	-28.7089	
426	3316	2.08	-5.22	1.00	-5.55	-0.33	0.54	-0.34	-0.39	-0.73	-0.53	0.24	-2.49	-3.11	-1.17	-1.58	-6.72	-2.47	-1.92	-28.6892	
427	646	-0.90	-0.27	0.06	-5.55	-1.02	-3.17	-0.34	-7.12	0.88	-2.71	-1.74	1.30	-1.28	-3.93	-1.03	-4.80	2.54	0.39	-28.6834	
428	804	-0.04	-15.43	1.03	-5.55	-1.37	1.07	-0.80	-5.59	1.46	0.57	-2.55	0.10	-0.64	-1.04	-0.47	-3.39	12.56	-8.51	-28.6008	
429	3496	-0.02	-3.76	1.01	5.58	0.02	-1.05	-0.34	-5.01	-0.16	-1.62	-1.02	1.30	-2.46	-1.66	-1.58	-1.25	-12.49	-4.09	-28.5886	
430	1234	-1.44	1.79	-0.87	-5.55	-0.33	-2.64	1.56	-7.89	-1.20	-3.43	-2.57	1.30	-3.63	-4.96	2.86	-5.38	5.04	-1.19	-28.5350	
431	1292	-0.47	-9.32	-0.38	-5.55	-0.68	-2.11	1.56	-10.51	-0.12	-0.53	-0.49	1.30	-2.41	-1.89	3.41	-3.86	7.55	-4.03	-28.5215	
432	2669	-1.65	5.88	-1.10	-5.55	-1.02	-3.17	1.56	-9.04	-0.53	-3.07	-2.06	1.30	-2.87	-3.48	3.41	-4.28	-7.48	4.64	-28.5138	
433	653	-0.96	-8.42	1.31	-5.55	-0.68	-1.05	-0.34	-6.27	2.46	-0.89	-1.68	1.30	0.50	-2.35	-0.47	-3.86	2.54	-4.09	-28.4816	
434	1873	-1.12	7.08	-2.57	-11.11	-0.68	-2.64	-0.34	4.27	-4.28	0.20	2.36	-2.49	-7.10	-2.03	-0.47	-5.47	-9.99	7.89	-28.4803	
435	2143	0.68	-13.40	1.50	-5.55	-0.33	3.19	-0.34	-6.42	4.15	0.57	-1.06	1.30	2.38	-1.96	-1.03	1.34	-4.98	-8.51	-28.4603	
436	2005	-1.12	-1.56	-0.10	5.58	-0.33	-2.11	-0.34	-5.30	-0.28	-0.89	-1.45	1.30	-2.60	-3.11	-0.47	-4.17	-7.48	-4.03	-28.4487	
437	4760	-1.17	2.69	-0.43	-5.55	0.02	-3.70	-0.34	-4.67	-1.96	-0.89	-0.76	6.00	-4.48	2.93	-1.58	-0.64	-15.00	1.12	-28.4166	
438	3576	-0.02	-2.77	0.44	5.58	0.02	0.01	-0.34	-5.01	-0.85	-1.98	-1.83	1.30	-3.24	-1.81	-1.58	-1.86	-12.49	-1.98	-28.4148	
439	4884	0.75	-20.82	3.51	-11.11	2.10	-1.05	-0.34	-0.12	3.15	0.20	-2.28	6.00	1.27	5.16	-1.58	-2.90	2.54	-12.87	-28.3933	
440	2052	-0.69	-7.59	-0.11	5.58	-0.33	0.54	-0.34	-6.63	0.21	-0.16	-1.38	1.30	-2.04	-1.93	-0.47	-1.87	-7.48	-4.99	-28.3850	
441	3437	0.08	8.07	-3.14	-11.11	-0.33	-2.64	-0.34	5.34	-4.97	-0.53	1.55	-2.49	-7.88	-0.74	-0.47	-6.28	-12.49	10.00	-28.3703	
442	20	-0.47	-18.65	4.31	-11.11	1.40	-2.11	-0.94	-5.03	3.12	2.02	-2.92	15.71	-14.41	1.24	-2.14	-3.04	17.57	-12.87	-28.3122	
443	164	-0.23	-15.43	1.05	-5.55	0.02	1.07	-0.94	-8.15	1.56	1.29	-2.55	-2.81	-0.53	0.30	-1.03	-2.92	15.06	-8.51	-28.2999	
444	4154	-0.15	7.91	-1.10	-5.55	-0.68	-3.17	1.56	-7.75	-0.53	-4.53	-2.37	1.30	-2.87	-3.23	2.86	-4.63	-9.99	4.64	-28.2879	
445	5050	0.97	-11.85	1.33	-5.55	-0.68	0.01	-0.80	-0.95	1.38	0.57	-3.68	4.80	-0.72	3.61	-1.03	-4.70	-2.47	-8.51	-28.2783	
446	4800	-0.64	-1.14	-1.56	-5.55	0.02	-3.17	-0.34	-5.22	-1.58	0.20	-1.12	6.00	-4.06	4.09	-0.47	-1.46	-12.49	0.22	-28.2781	
447	2085	-1.12	-0.57	-0.68	5.58	-0.33	-1.05	-0.34	-5.30	-0.98	-1.25	-2.26	1.30	-3.38	-3.2						

450	3358	0.38	9.11	-2.57	-11.11	-0.33	-2.64	-0.34	5.55	4.28	-1.25	2.04	-2.49	-7.10	-1.78	-1.03	-5.83	-12.49	7.89	-28.2544
451	4840	-1.17	3.68	-1.01	-5.55	0.02	-2.64	-0.34	-4.67	-2.65	-1.25	-1.57	6.00	-5.26	2.78	-1.58	-1.25	-15.00	3.23	-28.2427
452	1271	-0.10	-13.40	1.51	-5.55	-0.33	1.07	1.56	-9.22	4.20	-3.07	-2.87	1.30	2.46	-4.39	2.86	-3.30	7.55	-8.51	-28.2301
453	3490	0.38	0.47	-0.10	5.58	0.02	-2.11	-0.34	-4.01	-0.29	-2.34	-1.76	1.30	-2.60	-2.86	-1.03	-4.52	-9.99	-4.03	-28.2228
454	3515	0.04	6.36	-0.77	-5.55	-0.68	-1.05	-0.34	-6.88	-0.45	-3.43	-1.56	1.30	-2.79	-3.12	-2.14	0.71	-12.49	4.64	-28.1944
455	4920	1.02	-11.39	2.02	-11.11	0.36	0.01	-0.34	-3.96	1.51	2.02	-0.54	6.00	-0.58	4.39	-1.58	0.02	-7.48	-8.56	-28.1916
456	4248	2.31	-16.58	1.87	0.01	1.06	2.13	1.56	-7.15	3.31	-0.53	-2.22	1.30	1.41	-1.13	3.41	-6.22	0.03	-12.75	-28.1667
457	6109	0.40	-5.64	-0.64	-5.55	1.06	-1.58	-0.94	6.68	-0.78	2.02	-3.36	2.65	-3.15	2.41	-1.03	-8.80	-9.99	-1.85	-28.0921
458	3570	0.38	1.46	-0.68	5.58	0.02	-1.05	-0.34	-4.01	-0.98	-2.71	-2.57	1.30	-3.38	-3.01	-1.03	-5.13	-9.99	-1.92	-28.0490
459	1872	-1.46	11.00	-2.70	-11.11	-1.02	-2.64	-0.34	2.41	-5.73	-0.89	3.04	-2.49	-8.74	-2.41	-1.58	-3.15	-12.49	12.31	-27.9992
460	2004	-1.46	2.35	-0.24	5.58	-0.68	-2.11	-0.34	-7.15	-1.74	-1.98	-0.76	1.30	-4.24	-3.49	-1.58	-1.85	-9.99	0.39	-27.9677
461	1153	-1.74	-1.23	-0.30	-5.55	-0.33	-3.70	1.56	-8.10	-0.50	-1.98	-1.45	1.30	-2.84	-3.62	3.41	-4.62	5.04	-3.30	-27.9410
462	3396	0.28	7.17	-3.83	-11.11	-0.68	-3.17	-0.34	2.93	-5.35	-0.16	2.68	-2.49	-8.31	0.18	-0.47	-4.17	-12.49	11.40	-27.9246
463	645	-1.19	-2.30	0.06	-5.55	-1.02	-3.17	-0.34	-7.34	0.89	-1.62	-1.42	1.30	-1.27	-2.74	-0.47	-4.65	2.54	0.39	-27.9155
464	2135	0.44	-7.29	0.25	-5.55	-0.68	1.07	-0.34	-7.48	2.57	-0.16	-0.80	1.30	0.61	-2.36	-1.03	0.55	-4.98	-4.03	-27.8942
465	3436	-0.25	11.98	-3.28	-11.11	-0.68	-2.64	-0.34	3.48	-6.42	-1.62	2.23	-2.49	-9.52	-1.13	-1.58	-3.96	-15.00	14.42	-27.8892
466	2986	1.45	-15.07	4.61	-11.11	1.75	-2.11	-0.94	-1.81	5.73	0.93	-4.04	15.71	-11.46	2.09	-1.58	-4.18	5.04	-12.87	-27.8400
467	2084	-1.46	3.34	-0.81	5.58	-0.68	-1.05	-0.34	-7.15	-2.43	-2.34	-1.57	1.30	-5.02	-3.64	-1.58	-2.46	-9.99	2.50	-27.7938
468	1502	0.25	-15.07	4.61	-11.11	1.40	-1.05	-0.94	-2.88	5.73	1.29	-4.04	15.71	-11.47	0.66	-1.58	-3.97	7.55	-12.87	-27.7785
469	1233	-1.74	-0.24	-0.87	-5.55	-0.33	-2.64	1.56	-8.10	-1.20	-2.34	-2.26	1.30	-3.62	-3.77	3.41	-5.23	5.04	-1.19	-27.7671
470	1814	0.10	-0.21	0.30	0.01	-1.02	-1.58	-0.34	-0.52	0.24	-2.71	-1.21	-2.49	-2.00	-3.83	-1.03	-9.00	-4.98	2.54	-27.7213
471	3632	1.82	-20.82	3.50	-11.11	1.75	0.01	-0.34	-1.53	3.10	1.29	-0.47	1.30	1.21	2.09	-1.58	-0.11	5.04	-12.87	-27.7190
472	2550	-0.82	10.75	-3.53	-11.11	-1.02	-4.23	1.56	1.21	-5.44	-1.98	1.56	-2.49	-8.40	-3.54	2.86	-6.93	-7.48	11.40	-27.6391
473	6108	0.06	-1.72	-0.78	-5.55	0.71	-1.58	-0.94	-4.83	2.23	0.93	-2.68	2.65	-4.80	2.03	-2.14	-6.48	-12.49	2.57	-27.6110
474	2976	0.37	-12.63	3.20	-11.11	0.71	-3.17	-0.94	-5.34	2.45	6.02	3.69	15.71	-21.88	10.21	-2.14	-3.95	0.03	-8.84	-27.5929
475	2460	0.52	-9.26	-0.14	0.01	-0.68	-0.52	1.56	-3.91	-0.75	-0.53	0.04	-2.49	-3.13	-1.80	3.41	-8.06	0.03	-1.88	-27.5594
476	2314	0.84	-11.85	1.32	-5.55	-1.37	2.13	-0.80	-3.43	1.33	2.02	-1.87	0.10	-0.80	-0.90	-1.03	-1.72	2.54	-8.51	-27.5519
477	1492	-0.83	-12.63	3.20	-11.11	0.36	-2.11	-0.94	-6.41	2.44	6.38	3.69	15.71	-21.89	8.78	-2.14	-3.75	2.54	-8.84	-27.5314
478	4153	-0.45	5.88	-1.10	-5.55	-0.68	-3.17	1.56	-7.97	-0.53	-3.43	-2.06	1.30	-2.87	-2.05	3.41	-4.48	-9.99	4.64	-27.5200
479	5049	0.67	-13.89	1.33	-5.55	-0.68	0.01	-0.80	-1.17	1.39	1.66	-3.36	4.80	-0.72	4.79	-0.47	-4.55	-2.47	-8.51	-27.5104
480	2940	0.93	-11.39	2.19	-11.11	-1.37	3.19	1.09	-7.09	1.56	0.20	-2.35	0.10	-0.54	-1.88	2.30	-2.34	7.55	-8.56	-27.5006
481	3357	0.08	7.08	-2.57	-11.11	-0.33	-2.64	-0.34	5.34	-4.27	-0.16	2.36	-2.49	-7.09	-0.59	-0.47	-5.67	-12.49	7.89	-27.4864
482	546	-1.97	7.91	-1.12	-5.55	-1.02	-4.23	-0.34	-7.12	-0.58	-4.16	-2.37	1.30	-2.93	-4.88	-1.03	-4.07	0.03	4.64	-27.4833
483	3627	1.88	-13.40	1.50	-5.55	0.02	3.19	-0.34	-5.35	4.15	0.20	-1.06	1.30	2.39	-0.53	-1.03	1.14	-7.48	-8.51	-27.4665
484	1152	-2.08	2.69	-0.43	-5.55	-0.68	-3.70	1.56	-9.96	-1.96	-3.07	-0.76	1.30	-4.48	-4.01	2.30	-2.30	2.54	1.12	-27.4599
485	3489	0.08	-1.56	-0.10	5.58	0.02	-2.11	-0.34	-4.23	-0.28	-1.25	-1.45	1.30	-2.59	-1.68	-0.47	-4.37	-9.99	-4.03	-27.4549
486	1276	-0.16	-20.82	3.51	-11.11	1.40	-1.05	1.56	-5.41	3.15	-1.98	-2.28	1.30	1.27	-1.78	2.30	-4.56	20.07	-12.87	-27.4366
487	3536	0.51	-7.59	-0.11	5.58	0.02	0.54	-0.34	-5.56	0.22	-0.53	-1.38	1.30	-2.04	-0.50	-0.47	-2.07	-9.99	-4.99	-27.3912
488	640	0.49	-16.58	1.86	0.01	0.71	1.07	-0.34	-6.53	3.26	-0.16	-2.22	1.30	1.36	-2.78	-0.47	-5.65	10.05	-12.75	-27.3622
489	2150	1.37	-13.00	2.15	0.01	0.71	1.07	-0.34	-4.37	3.12	1.29	-1.54	1.30	1.21	-2.63	-1.03	-3.97	0.03	-12.75	-27.3591
490	1442	0.06	-11.85	1.33	-5.55	-1.37	0.01	1.09	-6.24	1.38	-1.62	-3.68	0.10	-0.72	-3.33	2.86	-6.36	15.06	-8.51	-27.3216
491	1192	-1.55	-1.14	-1.56	-5.55	-0.68	-3.17	1.56	-10.51	-1.58	-1.98	-1.12	1.30	-4.06	-2.85	3.41	-3.12	5.04	0.22	-27.3214
492	3158	1.86	-11.85	1.34	-5.55	0.36	1.07	-0.94	-4.93	1.43	2.38	-1.87	-2.81	-0.68	1.88	-1.58	-1.46	2.54	-8.51	-27.3125
493	1232	-2.08	3.68	-1.01	-5.55	-0.68	-2.64	1.56	-9.96	-2.65	-3.43	-1.57	1.30	-5.27	-4.16	2.30	-2.91	2.54	3.23	-27.2861
494	3569	0.08	-0.57	-0.68	5.58	0.02	-1.05	-0.34	-4.23	-0.97	-1.62	-2.26	1.30	-3.37	-1.83	-0.47	-4.98	-9.99	-1.92	-27.2811
495	1674	0.65	-11.85	1.34	-5.55	0.02	2.13	-0.94	-5.99	1.42	2.75	-1.87	-2.81	-0.69	0.45	-1.58	-1.25	5.04	-8.51	-27.2509
496	1312	0.12	-11.39	2.02	-11.11	-0.33	0.01	1.56	-9.25	1.51	-0.16	-0.54	1.30	-0.58	-2.55	2.30	-1.64	10.05	-8.56	-27.2349
497	2690	-0.59	-4.00	0.19	5.58	-0.33	-0.52	1.56	-7.28	0.13	-2.34	-2.50	1.30	-2.13	-4.22	2.86	-4.84	-4.98	-4.99	-27.1058
498	2016	-0.69	-9.22	0.85	5.58	0.02	0.01	-0.34	-5.61	1.40	0.20	-0.89	1.30	-0.70	-1.86	-0.47	-0.67	-7.48	-8.51	-27.0884
499	2985	1.16	-17.10	4.61	-11.11	1.75	-2.11	-0.94	-2.02	5.74	2.02	-3.73	15.71	-11.45	3.27	-1.03	-4.02	5.04	-12.87	-27.0721
500	4886	1.50	-13.00	2.16	0.01	1.40	0.01	-0.34	-1.89	3.18	-0.16	-3.35	6.00	1.28	1.87	-1.03	-6.96	-4.98	-12.75	-27.0396
501	5048	0.33	-9.97	1.20	-5.55	-1.02	0.01	-0.80	-3.02	-0.06	0.57	-2.68	4.80	-2.36	4.41	-1.58	-2.23	-4.98	-4.09	-27.0293
502	1501	-0.05	-17.10	4.61	-11.11	1.40	-1.05	-0.94	-3.09	5.74	2.38	-3.73	15.71	-11.46	1.84	-1.03	-3.82	7.55	-12.87	-27.0106
503	3356	-0.25	11.00	-2.70	-11.11	-0.68	-2.64	-0.34	3.48	-5.73	-1.25	3.04	-2.49	-8.73	-0.98	-1.58	-3.35	-15.00	12.31	-27.0054
504	2306	0.60	-5.74	0.07	-5.55	-1.72	0.01	-0.80	-4.50	-0.25	1.29	-1.61	0.10	-2.57	-1.29	-1.03	-2.51	2.54	-4.03	-26.9857
505	3488	-0.25	2.35	-0.24	5.58	-0.33	-2.11	-0.34	-6.08	-1.73	-2.34	-0.76	1.30	-4.23	-2.06	-1.58	-2.05	-12.49	0.39	-26.9738
506	22	0.28	-10.82	2.96	0.01	0.71	-1.05	-0.94	-6.80	3.15	1.66	-3.99	15.71	-14.41	-2.05	-1.58	-7.10	10.05	-12.75	-26.9585
507	1813	-0.20	-2.25	0.30	0.01	-1.02	-1.58	-0.34	-0.74	0.25	-1.62	-0.90	-2.49	-1.99	-2.65	-0.47	-8.85	-4.98	2.54	-26.9534
508	2634	-1.35	6.28	-0.14	-5.55	-0.68	-2.64	1.56	-7.80	0.65	-3.80	-1.89	1.30	-1.54	-4.59	2.86	-3.24	-7.48	1.12	-26.9261
509	2096	-0.69	-8.23	0.28	5.58	0.02	1.07	-0.34	-5.61	0.71	-0.16	-1.70	1.30	-1.49	-2.01	-0.47	-1.28	-7.48	-6.40	-26.9145
510	2758	0.57	-17.24	3.81	-11.11	1.40	0.01	1.56	-3.25	5.76	-2.71	-3.40	1.30	4.21	-2.36	2.86	-5.49	10.05	-12.87	-26.9029
511	3619	1.65	-7.29	0.25	-5.55	-0.33	1.07	-0.34	-6.42	2.58	-0.53	-0.80	1.30	0.62	-0.93	-1.03	0.35	-7.48	-4.03	-26.9004
512	2549	-1.12	8.72	-3.53	-11.11	-1.02	-4.23	1.56	0.99	-5.43	-0.8									

515	3568	-0.25	3.34	-0.81	5.58	-0.33	-1.05	-0.34	-6.08	2.44	-2.71	-1.57	1.30	-5.02	-2.21	-1.58	-2.66	-12.49	2.50	-26.8000
516	2313	0.55	-13.89	1.32	-5.55	-1.37	2.13	-0.80	-3.65	1.33	3.11	-1.55	0.10	-0.79	0.29	-0.47	-1.57	2.54	-8.51	-26.7840
517	2044	-0.93	-1.47	-1.36	5.58	-0.68	-0.52	-0.34	-7.70	-1.36	-0.89	-1.12	1.30	-3.82	-2.33	-0.47	-2.66	-7.48	-0.51	-26.7702
518	2714	-1.35	7.26	-0.71	-5.55	-0.68	-1.58	1.56	-7.80	-0.05	-4.16	-2.70	1.30	-2.33	-4.74	2.86	-3.85	-7.48	3.23	-26.7523
519	3150	1.62	-5.74	0.09	-5.55	0.02	-1.05	-0.94	-6.00	-0.15	1.66	-1.61	-2.81	-2.45	1.48	-1.58	-2.24	2.54	-4.03	-26.7463
520	3298	1.30	-0.21	0.30	0.01	-0.68	-1.58	-0.34	0.55	0.25	-3.07	-1.21	-2.49	-1.99	-2.40	-1.03	-9.20	-7.48	2.54	-26.7275
521	545	-2.27	5.88	-1.11	-5.55	-1.02	-4.23	-0.34	-7.34	-0.58	-3.07	-2.06	1.30	-2.92	-3.70	-0.47	-3.91	0.03	4.64	-26.7154
522	2794	0.84	-7.80	2.31	-11.11	-0.33	1.07	1.56	-7.09	4.12	-0.89	-1.66	1.30	2.36	-3.13	2.86	-2.58	0.03	-8.56	-26.7011
523	2035	-0.63	0.89	-0.92	-5.55	-0.68	0.01	-0.34	-7.48	1.11	-1.62	-1.44	1.30	-1.03	-3.31	-1.03	1.29	-7.48	0.22	-26.6941
524	1666	0.41	-5.74	0.09	-5.55	-0.33	0.01	-0.94	-7.06	-0.16	2.02	-1.61	-2.81	-2.46	0.05	-1.58	-2.04	5.04	-4.03	-26.6848
525	2075	-1.16	5.71	-0.38	-5.55	-0.68	0.54	-0.34	-6.93	0.04	-3.07	-1.89	1.30	-2.24	-4.62	-2.14	1.49	-9.99	3.23	-26.6588
526	4034	0.38	10.75	-3.53	-11.11	-0.68	-4.23	1.56	2.28	-5.43	-2.34	1.56	-2.49	-8.40	-2.11	2.86	-7.14	-9.99	11.40	-26.6453
527	2155	1.03	-9.36	2.65	-11.11	-0.33	3.19	-0.34	-6.22	4.20	0.20	-0.85	1.30	2.44	-3.02	-2.14	2.77	-2.47	-8.56	-26.6076
528	2149	1.08	-15.03	2.15	0.01	0.71	1.07	-0.34	-4.59	3.13	2.38	-1.22	1.30	1.21	-1.45	-0.47	-3.82	0.03	-12.75	-26.5912
529	3944	1.73	-9.26	-0.14	0.01	-0.33	-0.52	1.56	-2.84	-0.75	-0.89	0.04	-2.49	-3.12	-0.37	3.41	-8.26	-2.47	-1.88	-26.5656
530	3798	2.05	-11.85	1.32	-5.55	-1.02	2.13	-0.80	-2.36	1.33	1.66	-1.87	0.10	-0.79	0.53	-1.03	-1.92	0.03	-8.51	-26.5580
531	1441	-0.23	-13.89	1.33	-5.55	-1.37	0.01	1.09	-6.46	1.39	-0.53	-3.36	0.10	-0.72	-2.15	3.41	-6.21	15.06	-8.51	-26.5537
532	3157	1.56	-13.89	1.34	-5.55	0.36	1.07	-0.94	-5.14	1.43	3.48	-1.55	-2.81	-0.67	3.06	-1.03	-1.30	2.54	-8.51	-26.5445
533	2064	-0.34	-3.54	1.04	0.01	-0.33	0.54	-0.34	-6.44	0.27	-0.53	-1.17	1.30	-1.98	-2.99	-1.58	-0.44	-4.98	-5.04	-26.5323
534	4424	2.14	-11.39	2.20	-11.11	-1.02	3.19	1.09	-6.02	1.57	-0.16	-2.35	0.10	-0.53	-0.45	2.30	-2.54	5.04	-8.56	-26.5067
535	1673	0.36	-13.89	1.34	-5.55	0.02	2.13	-0.94	-6.21	1.43	3.84	-1.55	-2.81	-0.69	1.63	-1.03	-1.10	5.04	-8.51	-26.4830
536	2548	-1.46	12.63	-3.66	-11.11	-1.37	-4.23	1.56	-0.86	-6.88	-1.98	2.56	-2.49	-10.04	-2.74	2.30	-4.46	-9.99	15.82	-26.3902
537	1956	-0.93	6.52	-3.44	-11.11	-0.68	-1.58	-0.34	2.88	-4.86	0.20	2.36	-2.49	-7.76	-1.32	-0.47	-3.38	-9.99	10.00	-26.3890
538	3634	2.57	-13.00	2.15	0.01	1.06	1.07	-0.34	-3.30	3.12	0.93	-1.54	1.30	1.21	-1.20	-1.03	-4.17	-2.47	-12.75	-26.3653
539	2689	-0.88	-6.04	0.19	5.58	-0.33	-0.52	1.56	-7.50	0.14	-1.25	-2.19	1.30	-2.12	-3.04	3.41	-4.68	-4.98	-4.99	-26.3379
540	2312	0.21	-9.97	1.18	-5.55	-1.72	2.13	-0.80	-5.50	-0.12	2.02	-0.87	0.10	-2.43	-0.10	-1.58	0.75	0.03	-4.09	-26.3029
541	4891	1.16	-9.36	2.67	-11.11	0.36	2.13	-0.34	-3.74	4.26	-1.25	-2.66	6.00	2.51	1.49	-2.14	-0.22	-7.48	-8.56	-26.2881
542	4885	1.20	-15.03	2.16	0.01	1.40	0.01	-0.34	-2.11	3.18	0.93	-3.03	6.00	1.28	3.05	-0.47	-6.80	-4.98	-12.75	-26.2717
543	3	-0.55	-10.60	3.48	-11.11	0.02	0.01	-0.94	-6.75	5.15	3.84	3.38	15.71	-25.92	6.56	-2.69	-2.05	5.04	-8.84	-26.2496
544	2305	0.31	-7.78	0.07	-5.55	-1.72	0.01	-0.80	-4.72	-0.24	2.38	-1.30	0.10	-2.56	-0.11	-0.47	-2.36	2.54	-4.03	-26.2178
545	27	-0.06	-7.18	3.47	-11.11	-0.33	1.07	-0.94	-8.65	4.23	0.57	-3.30	15.71	-13.17	-2.44	-2.69	-0.36	7.55	-8.56	-26.2070
546	21	-0.02	-12.86	2.97	0.01	0.71	-1.05	-0.94	-7.02	3.15	2.75	-3.67	15.71	-14.40	-0.87	-1.03	-6.94	10.05	-12.75	-26.1906
547	2633	-1.65	4.24	-0.14	-5.55	-0.68	-2.64	1.56	-8.02	0.65	-2.71	-1.57	1.30	-1.54	-3.40	3.41	-3.09	-7.48	1.12	-26.1582
548	2757	0.27	-19.27	3.81	-11.11	1.40	0.01	1.56	-3.47	5.76	-1.62	-3.09	1.30	4.22	-1.17	3.41	-5.34	10.05	-12.87	-26.1350
549	4174	0.62	-4.00	0.19	5.58	0.02	-0.52	1.56	-6.21	0.14	-2.71	-2.50	1.30	-2.12	-2.79	2.86	-5.04	-7.48	-4.99	-26.1119
550	3500	0.51	-9.22	0.86	5.58	0.36	0.01	-0.34	-4.54	1.41	-0.16	-0.89	1.30	-0.70	-0.43	-0.47	-0.88	-9.99	-8.51	-26.0946
551	1278	0.59	-13.00	2.16	0.01	0.71	0.01	1.56	-7.18	3.18	-2.34	-3.35	1.30	1.28	-5.07	2.86	-8.62	12.56	-12.75	-26.0829
552	1440	-0.57	-9.97	1.20	-5.55	-1.72	0.01	1.09	-8.31	-0.06	-1.62	-2.68	0.10	-2.36	-2.53	2.30	-3.89	12.56	-4.09	-26.0726
553	3156	1.22	-9.97	1.21	-5.55	0.02	1.07	-0.94	-7.00	-0.02	2.38	-0.87	-2.81	-2.32	2.68	-2.14	1.02	0.03	-4.09	-26.0635
554	1672	0.02	-9.97	1.20	-5.55	-0.33	2.13	-0.94	-8.06	-0.03	2.75	-0.87	-2.81	-2.33	1.25	-2.14	1.22	2.54	-4.09	-26.0019
555	3790	1.81	-5.74	0.07	-5.55	-1.37	0.01	-0.80	-3.43	-0.24	0.93	-1.61	0.10	-2.56	0.14	-1.03	-2.71	0.03	-4.03	-25.9919
556	2713	-1.65	5.23	-0.71	-5.55	-0.68	-1.58	1.56	-8.02	-0.04	-3.07	-2.38	1.30	-2.32	-3.55	3.41	-3.70	-7.48	3.23	-25.9844
557	3149	1.32	-7.78	0.09	-5.55	0.02	-1.05	-0.94	-6.21	-0.14	2.75	-1.30	-2.81	-2.44	2.67	-1.03	-2.09	2.54	-4.03	-25.9784
558	3297	1.00	-2.25	0.30	0.01	-0.68	-1.58	-0.34	0.33	0.26	-1.98	-0.90	-2.49	-1.98	-1.22	-0.47	-9.05	-7.48	2.54	-25.9596
559	2793	0.54	-9.84	2.32	-11.11	-0.33	1.07	1.56	-7.31	4.12	0.20	-1.35	1.30	2.36	-1.95	3.41	-2.42	0.03	-8.56	-25.9332
560	4118	-0.15	6.28	-0.14	-5.55	-0.33	-2.64	1.56	-6.73	0.65	-4.16	-1.89	1.30	-1.54	-3.16	2.86	-3.44	-9.99	1.12	-25.9323
561	2779	0.15	-7.94	1.67	-5.55	-0.68	2.13	1.56	-9.13	2.62	-1.62	-1.18	1.30	0.66	-3.45	1.75	0.84	-4.98	-4.09	-25.9321
562	4764	-0.64	-2.78	-0.59	-5.55	0.36	-2.64	-0.34	-4.20	-0.40	0.57	-0.64	6.00	-2.72	4.17	-0.47	-0.26	-12.49	-3.30	-25.9225
563	3580	0.51	-8.23	0.28	5.58	0.36	1.07	-0.34	-4.54	0.71	-0.53	-1.70	1.30	-1.48	-0.58	-0.47	-1.49	-9.99	-6.40	-25.9207
564	1665	0.12	-7.78	0.09	-5.55	-0.33	0.01	-0.94	-7.28	-0.15	3.11	-1.30	-2.81	-2.45	1.24	-1.03	-1.89	5.04	-4.03	-25.9169
565	4242	1.77	-17.24	3.81	-11.11	1.75	0.01	1.56	-2.18	5.76	-3.07	-3.40	1.30	4.22	-0.93	2.86	-5.70	7.55	-12.87	-25.9090
566	4033	0.08	8.72	-3.53	-11.11	-0.68	-4.23	1.56	2.06	-5.42	-1.25	1.87	-2.49	-8.39	-0.92	3.41	-6.98	-9.99	11.40	-25.8774
567	2688	-1.22	-2.12	0.05	5.58	-0.68	-0.52	1.56	-9.35	-1.31	-2.34	-1.50	1.30	-3.76	-3.42	2.30	-2.36	-7.48	-0.57	-25.8568
568	426	-1.44	10.75	-3.54	-11.11	-1.02	-5.29	-0.34	2.91	-5.48	-1.98	1.56	-2.49	-8.45	-3.75	-1.03	-6.57	0.03	11.40	-25.8407
569	3479	0.04	4.72	0.20	-5.55	-0.33	-0.52	-0.34	-5.86	0.74	-3.07	-1.08	1.30	-1.45	-3.04	-2.14	1.90	-12.49	1.12	-25.8388
570	3603	1.96	-18.79	4.14	-11.11	1.75	2.13	-0.34	-1.31	5.85	-1.98	-2.59	1.30	4.30	-0.81	-2.14	-0.35	5.04	-12.87	-25.8155
571	2654	-0.59	-5.64	1.15	5.58	0.02	-1.05	1.56	-6.26	1.32	-1.98	-2.02	1.30	-0.79	-4.15	2.86	-3.64	-4.98	-8.51	-25.8091
572	3797	1.75	-13.89	1.32	-5.55	-1.02	2.13	-0.80	-2.58	1.34	2.75	-1.55	0.10	-0.78	1.72	-0.47	-1.77	0.03	-8.51	-25.7901
573	2206	-0.47	2.44	-1.11	-5.55	-1.72	-1.05	-0.80	-4.50	-1.71	-0.16	-2.25	0.10	-4.21	-2.25	-1.03	-1.77	0.03	0.22	-25.7856
574	3528	0.28	-1.47	-1.36	5.58	-0.33	-0.52	-0.34	-6.63	-1.36	-1.25	-1.12	1.30	-3.81	-0.90	-0.47	-2.87	-9.99	-0.51	-25.7764
575	336	-0.10	-9.26	-0.15	0.01	-0.68	-1.58	-0.34	-2.21	-0.80	-0.53	0.04	-2.49	-3.18	-2.02	-0.47	-7.69	7.55	-1.88	-25.7610
576	4198	-0.15	7.26	-0.71	-5.55	-0.33	-1.58	1.56	-6.73	-0.04	-4.53	-2.70	1.30	-2.32	-3.31	2.86	-4.05	-9.99	3.23	-25.7584
577	4844	-0.64	-1.79	-1.17	-5.55	0.36	-1.58	-0.34	-4.20	-1.09	0.20	-1.45	6.00	-3.50	4.02					

580	816	0.31	-11.39	2.18	-11.11	-1.37	2.13	-0.80	-5.40	1.52	0.20	-2.35	0.10	-0.58	-2.10	-1.58	-1.97	15.06	8.56	15.06	-25.7021
581	3519	0.57	0.89	-0.92	-5.55	-0.33	0.01	-0.34	-6.42	1.11	-1.98	-1.44	1.30	-1.03	-1.88	-1.03	2.09	-9.99	0.22	15.06	-25.7003
582	3559	0.04	5.71	-0.38	-5.55	-0.33	0.54	-0.34	-5.86	0.04	-3.43	-1.89	1.30	-2.24	-3.19	-2.14	1.29	-12.49	3.23	15.06	-25.6649
583	2734	-0.59	-4.65	0.58	5.58	0.02	0.01	1.56	-6.26	0.63	-2.34	-2.83	1.30	-1.58	-4.30	2.86	-4.25	-4.98	-6.40	15.06	-25.6353
584	3639	2.24	-9.36	2.65	-11.11	0.02	3.19	-0.34	-5.15	4.20	-0.16	-0.85	1.30	2.45	-1.59	-2.14	2.57	-4.98	-8.56	15.06	-25.6138
585	3633	2.28	-15.03	2.15	0.01	1.06	1.07	-0.34	-3.52	3.13	2.02	-1.22	1.30	1.22	-0.02	-0.47	-4.02	-2.47	-12.75	15.06	-25.5974
586	3050	0.54	2.44	-1.08	-5.55	0.02	-2.11	-0.94	-6.00	-1.61	0.20	-2.25	-2.81	-4.10	0.53	-1.58	-1.51	0.03	0.22	15.06	-25.5462
587	2922	0.15	-6.38	1.49	-5.55	-1.72	1.07	1.09	-6.15	2.54	-2.34	-3.80	0.10	0.58	-3.11	2.86	-4.82	2.54	-4.09	15.06	-25.5388
588	3548	0.87	-3.54	1.04	0.01	0.02	0.54	-0.34	-5.37	0.27	-0.89	-1.17	1.30	-1.98	-1.56	-1.58	-0.64	-7.48	-5.04	15.06	-25.5384
589	1876	-0.93	5.53	-2.86	-11.11	-0.68	-1.58	-0.34	2.88	-4.17	0.57	3.17	-2.49	-6.98	-1.17	-0.47	-2.77	-9.99	7.89	15.06	-25.5051
590	3148	0.98	-3.86	-0.04	-5.55	-0.33	-1.05	-0.94	-8.07	-1.60	1.66	-0.61	-2.81	-4.09	2.28	-2.14	0.23	0.03	0.39	15.06	-25.4974
591	2682	-0.82	2.11	-1.06	5.58	-0.68	-1.58	1.56	-8.35	-1.44	-3.07	-2.25	1.30	-3.90	-4.62	2.86	-5.63	-4.98	-0.51	15.06	-25.4910
592	1566	-0.66	2.44	-1.09	-5.55	-0.33	-1.05	-0.94	-7.06	-1.62	0.57	-2.25	-2.81	-4.11	-0.90	-1.58	-1.30	2.54	0.22	15.06	-25.4847
593	2008	-0.93	-3.11	-0.39	5.58	-0.33	-1.05	-0.34	-6.68	-0.18	-0.53	-0.64	1.30	-2.48	-2.26	-0.47	-1.47	-7.48	-4.03	15.06	-25.4736
594	2283	0.35	-7.94	1.83	-5.55	-1.72	3.19	-0.80	-5.28	2.63	-1.25	-2.99	0.10	0.66	-2.99	-2.14	0.52	0.03	-4.09	15.06	-25.4453
595	4582	0.91	-5.68	0.15	0.01	0.02	-2.64	-0.34	2.42	-0.88	-0.53	-1.09	2.21	-3.26	2.63	-1.03	-8.99	-7.48	-1.88	15.06	-25.4385
596	1664	-0.22	-3.86	-0.04	-5.55	-0.68	0.01	-0.94	-9.13	-1.60	2.02	-0.61	-2.81	-4.10	0.85	-2.14	0.43	2.54	0.39	15.06	-25.4358
597	176	0.12	-11.39	2.21	-11.11	0.02	2.13	-0.94	-7.96	1.61	0.93	-2.35	-2.81	-0.48	-0.75	-2.14	-1.50	17.57	-8.56	15.06	-25.4012
598	4032	-0.25	12.63	-3.66	-11.11	-1.02	-4.23	1.56	0.21	-6.88	-2.34	2.56	-2.49	-10.03	-1.31	2.30	-4.66	-12.49	15.82	15.06	-25.3963
599	3440	0.28	6.52	-3.44	-11.11	-0.33	-1.58	-0.34	3.95	-4.86	-0.16	2.36	-2.49	-7.76	0.11	-0.47	-3.58	-12.49	10.00	15.06	-25.3951
600	2771	-0.09	-1.83	0.42	-5.55	-1.02	0.01	1.56	-10.20	1.04	-2.34	-0.93	1.30	-1.11	-3.85	1.75	0.05	-4.98	0.39	15.06	-25.3660
601	4173	0.32	-6.04	0.19	5.58	0.02	-0.52	1.56	-6.43	0.15	-1.62	-2.19	1.30	-2.11	-1.61	3.41	-4.88	-7.48	-4.99	15.06	-25.3440
602	1283	0.25	-9.36	2.67	-11.11	-0.33	2.13	1.56	-9.03	4.26	-3.43	-2.66	1.30	2.51	-5.45	1.75	-1.88	10.05	-8.56	15.06	-25.3314
603	1277	0.30	-15.03	2.16	0.01	0.71	0.01	1.56	-7.39	3.18	-1.25	-3.03	1.30	1.28	-3.88	3.41	-8.46	12.56	-12.75	15.06	-25.3150
604	3796	1.41	-9.97	1.18	-5.55	-1.37	2.13	-0.80	-4.43	-0.12	1.66	-0.87	0.10	-2.43	1.33	-1.58	0.55	-2.47	-4.09	15.06	-25.3091
605	566	-1.21	-4.00	0.18	5.58	-0.33	-1.58	-0.34	-5.59	0.09	-2.34	-2.50	1.30	-2.17	-4.44	-1.03	-4.47	2.54	-4.99	15.06	-25.3074
606	2088	-0.93	-2.12	-0.97	5.58	-0.33	0.01	-0.34	-6.68	-0.87	-0.89	-1.45	1.30	-3.26	-2.40	-0.47	-2.08	-7.48	-1.92	15.06	-25.2997
607	2028	-0.34	-5.18	2.01	0.01	0.02	0.01	-0.34	-5.42	1.45	-0.16	-0.69	1.30	-0.65	-2.91	-1.58	0.76	-4.98	-8.56	15.06	-25.2356
608	3789	1.51	-7.78	0.07	-5.55	-1.37	0.01	-0.80	-3.65	-0.24	2.02	-1.30	0.10	-2.55	1.32	-0.47	-2.56	0.03	-4.03	15.06	-25.2240
609	3127	1.36	-7.94	1.85	-5.55	0.02	2.13	-0.94	-6.78	2.72	-0.89	-2.99	-2.81	0.78	-0.22	-2.69	0.79	0.03	-4.09	15.06	-25.2059
610	4902	0.24	-6.38	1.32	-5.55	0.02	-1.05	-0.34	-3.02	2.49	-0.53	-1.99	6.00	0.53	3.16	-1.03	-2.47	-12.49	-4.09	15.06	-25.1839
611	2298	1.04	-7.80	2.48	-11.11	-1.37	3.19	-0.80	-3.24	4.12	-0.53	-3.47	0.10	2.35	-2.68	-1.03	-2.91	5.04	-8.56	15.06	-25.1684
612	4117	-0.45	4.24	-0.13	-5.55	-0.33	-2.64	1.56	-6.95	0.66	-3.07	-1.57	1.30	-1.53	-1.97	3.41	-3.29	-9.99	1.12	15.06	-25.1644
613	1643	0.15	-7.94	1.85	-5.55	-0.33	3.19	-0.94	-7.85	2.72	-0.53	-2.99	-2.81	0.77	-1.65	-2.69	0.99	2.54	-4.09	15.06	-25.1444
614	4241	1.47	-19.27	3.81	-11.11	1.75	0.01	1.56	-2.40	5.77	-1.98	-3.09	1.30	4.22	0.26	3.41	-5.54	7.55	-12.87	15.06	-25.1411
615	510	-1.97	6.28	-0.15	-5.55	-0.68	-3.70	-0.34	-6.10	0.60	-3.80	-1.89	1.30	-1.59	-4.80	-1.03	-2.87	0.03	1.12	15.06	-25.1277
616	6112	0.59	-7.19	-0.94	-5.55	1.06	-0.52	-0.94	5.29	-0.67	2.38	-2.55	2.65	-3.03	3.26	-1.03	-6.10	-9.99	-1.85	15.06	-25.1169
617	2594	-0.82	10.10	-3.14	-11.11	-0.68	-2.64	1.56	2.23	-4.94	-1.98	1.23	-2.49	-7.85	-3.61	2.86	-6.35	-7.48	10.00	15.06	-25.1097
618	634	-0.05	-17.24	3.79	-11.11	1.40	-1.05	-0.34	-1.55	5.71	-2.71	-3.40	1.30	4.16	-2.57	-1.03	-5.13	17.57	-12.87	15.06	-25.1044
619	425	-1.74	8.72	-3.54	-11.11	-1.02	-5.29	-0.34	2.69	-5.47	-0.89	1.87	-2.49	-8.44	-2.57	-0.47	-6.41	0.03	11.40	15.06	-25.0728
620	2108	-0.34	-4.19	1.43	0.01	0.02	1.07	-0.34	-5.42	0.76	-0.53	-1.50	1.30	-1.43	-3.06	-1.58	0.15	-4.98	-6.45	15.06	-25.0618
621	2653	-0.88	-7.67	1.16	5.58	0.02	-1.05	1.56	-6.48	1.33	-0.89	-1.70	1.30	-0.78	-2.96	3.41	-3.49	-4.98	-8.51	15.06	-25.0412
622	2205	-0.77	0.41	-1.11	-5.55	-1.72	-1.05	-0.80	-4.72	-1.71	0.93	-1.93	0.10	-4.21	-1.06	-0.47	-1.62	0.03	0.22	15.06	-25.0177
623	4197	-0.45	5.23	-0.71	-5.55	-0.33	-1.58	1.56	-6.95	-0.03	-3.43	-2.38	1.30	-2.31	-2.12	3.41	-3.90	-9.99	3.23	15.06	-24.9905
624	1156	-1.55	-2.78	-0.59	-5.55	-0.33	-2.64	1.56	-9.49	-0.40	-1.62	-0.64	1.30	-2.72	-2.77	3.41	-1.93	5.04	-3.30	15.06	-24.9658
625	590	-1.97	7.26	-0.73	-5.55	-0.68	-2.64	-0.34	-6.10	-0.09	-4.16	-2.70	1.30	-2.37	-4.95	-1.03	-3.48	0.03	3.23	15.06	-24.9539
626	4277	1.75	-9.84	2.32	-11.11	0.02	1.07	1.56	-6.24	4.13	-0.16	-1.35	1.30	2.37	-0.52	3.41	-2.62	-2.47	-8.56	15.06	-24.9394
627	4263	1.35	-7.94	1.67	-5.55	-0.33	2.13	1.56	-8.07	2.62	-1.98	-1.18	1.30	0.67	-2.02	1.75	0.64	-7.48	-4.09	15.06	-24.9383
628	3142	2.05	-7.80	2.50	-11.11	0.36	2.13	-0.94	-4.73	4.22	-0.16	-3.47	-2.81	2.47	0.10	-1.58	-2.64	5.04	-8.56	15.06	-24.9290
629	670	0.22	-7.80	2.30	-11.11	-0.33	0.01	-0.34	-5.39	4.07	-0.89	-1.66	1.30	2.31	-3.35	-1.03	-2.21	7.55	-8.56	15.06	-24.9027
630	1658	0.85	-7.80	2.50	-11.11	0.02	3.19	-0.94	-5.80	4.22	0.20	-3.47	-2.81	2.46	-1.33	-1.58	-2.44	7.55	-8.56	15.06	-24.8674
631	2733	-0.88	-6.68	0.58	5.58	0.02	0.01	1.56	-6.48	0.63	-1.25	-2.51	1.30	-1.57	-3.11	3.41	-4.10	-4.98	-6.40	15.06	-24.8674
632	4172	-0.02	-2.12	0.05	5.58	-0.33	-0.52	1.56	-8.28	-1.31	-2.71	-1.50	1.30	-3.76	-1.99	2.30	-2.57	-9.99	-0.57	15.06	-24.8630
633	4138	0.62	-5.64	1.16	5.58	0.36	-1.05	1.56	-5.19	1.33	-2.34	-2.02	1.30	-0.78	-2.72	2.86	-3.84	-7.48	-8.51	15.06	-24.8153
634	1236	-1.55	-1.79	-1.17	-5.55	-0.33	-1.58	1.56	-9.49	-1.09	-1.98	-1.45	1.30	-3.50	-2.92	3.41	-2.53	5.04	-1.19	15.06	-24.7920
635	3690	0.73	2.44	-1.11	-5.55	-1.37	-1.05	-0.80	-3.43	-1.71	-0.53	-2.25	0.10	-4.21	-0.82	-1.03	-1.97	-2.47	0.22	15.06	-24.7918
636	3049	0.25	0.41	-1.08	-5.55	0.02	-2.11	-0.94	-6.21	-1.61	1.29	-1.93	-2.81	-4.09	1.71	-1.03	-1.35	0.03	0.22	15.06	-24.7783
637	2921	-0.14	-8.42	1.49	-5.55	-1.72	1.07	1.09	-6.37	2.55	-1.25	-3.49	0.10	0.59	-1.93	3.41	-4.67	2.54	-4.09	15.06	-24.7709
638	3788	1.17	-3.86	-0.06	-5.55	-1.72	0.01	-0.80	-5.50	-1.69	0.93	-0.61	0.10	-4.19	0.94	-1.58	-0.24	-2.47	0.39	15.06	-24.7429
639	2681	-1.12	0.07	-1.06	5.58	-0.68	-1.58	1.56	-8.57	-1.43	-1.98	-1.93	1.30	-3.90	-3.44	3.41	-5.48				

645	4894	0.00	-0.27	0.07	-5.55	-0.33	-3.17	-0.34	-4.09	0.92	-1.25	-1.74	6.00	-1.24	2.76	-1.03	-3.26	-12.49	0.39	-24.6178	
646	424	-2.08	12.63	-3.67	-11.11	-1.37	-5.29	-0.34	0.84	PUBLIC	-1.98	2.56	-2.49	-10.08	-2.95	-1.58	-4.09	-2.47	15.82	-24.5918	
647	2652	-1.22	-3.76	1.02	5.58	-0.33	-1.05	1.56	-8.33	-0.13	-1.98	-1.02	1.30	-2.43	-3.35	2.30	-1.17	-7.48	-4.09	-24.5602	
648	4406	1.36	-6.38	1.49	-5.55	-1.37	1.07	1.09	-5.08	2.55	-2.71	-3.80	0.10	0.59	-1.68	2.86	-5.03	0.03	-4.09	-24.5450	
649	565	-1.50	-6.04	0.18	5.58	-0.33	-1.58	-0.34	-5.80	0.10	-1.25	-2.19	1.30	-2.17	-3.26	-0.47	-4.32	2.54	-4.99	-24.5395	
650	2204	-1.10	4.33	-1.24	-5.55	-2.06	-1.05	-0.80	-6.57	-3.16	-0.16	-1.25	0.10	-5.85	-1.45	-1.58	0.70	-2.47	4.64	-24.5367	
651	5052	0.86	-15.43	1.04	-5.55	-0.68	1.07	-0.80	-2.56	1.50	2.02	-2.55	4.80	-0.60	5.64	-0.47	-1.85	-2.47	-8.51	-24.5352	
652	3360	0.28	5.53	-2.86	-11.11	-0.33	-1.58	-0.34	3.95	-4.16	0.20	3.17	-2.49	-6.97	0.26	-0.47	-2.98	-12.49	7.89	-24.5113	
653	4166	0.38	2.11	-1.06	5.58	-0.33	-1.58	1.56	-7.28	-1.44	-3.43	-2.25	1.30	-3.90	-3.19	2.86	-5.83	-7.48	-0.51	-24.4971	
654	974	0.01	-5.68	0.15	0.01	-0.68	-2.64	1.56	-2.86	-0.88	-2.71	-1.09	-2.49	-3.26	-4.31	2.86	-10.65	10.05	-1.88	-24.4818	
655	3492	0.28	-3.11	-0.39	5.58	0.02	-1.05	-0.34	-5.61	-0.17	-0.89	-0.64	1.30	-2.47	-0.82	-0.47	-1.67	-9.99	-4.03	-24.4797	
656	3767	1.55	-7.94	1.83	-5.55	-1.37	3.19	-0.80	-4.21	2.63	-1.62	-2.99	0.10	0.67	-1.56	-2.14	0.32	-2.47	-4.09	-24.4515	
657	4901	-0.05	-8.42	1.32	-5.55	0.02	-1.05	-0.34	-3.24	2.50	0.57	-1.68	6.00	0.54	4.34	-0.47	-2.32	-12.49	-4.09	-24.4160	
658	2297	0.74	-9.84	2.48	-11.11	-1.37	3.19	-0.80	-3.45	4.13	0.57	-3.16	0.10	2.36	-1.50	-0.47	-2.76	5.04	-8.56	-24.4005	
659	2732	-1.22	-2.77	0.44	5.58	-0.33	0.01	1.56	-8.33	-0.82	-2.34	-1.83	1.30	-3.21	-3.50	2.30	-1.78	-7.48	-1.98	-24.3863	
660	4255	1.12	-1.83	0.42	-5.55	-0.68	0.01	1.56	-9.13	1.05	-2.71	-0.93	1.30	-1.10	-2.41	1.75	-0.15	-7.48	0.39	-24.3722	
661	509	-2.27	4.24	-0.15	-5.55	-0.68	-3.70	-0.34	-6.32	0.61	-2.71	-1.57	1.30	-1.58	-3.62	-0.47	-2.72	0.03	1.12	-24.3598	
662	2593	-1.12	8.07	-3.14	-11.11	-0.68	-2.64	1.56	2.01	-4.94	-0.89	1.55	-2.49	-7.84	-2.43	3.41	-6.20	-7.48	10.00	-24.3418	
663	1999	-0.63	-0.74	0.04	-5.55	-0.33	0.54	-0.34	-6.46	2.29	-1.25	-0.95	1.30	0.30	-3.23	-1.03	2.48	-7.48	-3.30	-24.3385	
664	633	-0.35	-19.27	3.80	-11.11	1.40	-1.05	-0.34	-1.77	5.72	-1.62	-3.09	1.30	4.17	-1.39	-0.47	-4.97	17.57	-12.87	-24.3365	
665	3572	0.28	-2.12	-0.97	5.58	0.02	0.01	-0.34	-5.61	-0.86	-1.25	-1.45	1.30	-3.26	-0.97	-0.47	-2.28	-9.99	-1.92	-24.3059	
666	3048	-0.09	4.33	-1.22	-5.55	-0.33	-2.11	-0.94	-8.07	-3.06	0.20	-1.25	-2.81	-5.73	1.33	-2.14	0.96	-2.47	4.64	-24.2973	
667	2680	-1.46	3.99	-1.20	5.58	-1.02	-1.58	1.56	-10.42	-2.89	-3.07	-1.25	1.30	-5.54	-3.82	2.30	-3.16	-7.48	3.91	-24.2420	
668	3512	0.87	-5.18	2.01	0.01	0.36	0.01	-0.34	-4.35	1.46	-0.53	-0.69	1.30	-0.64	-1.48	-1.58	0.55	-7.48	-8.56	-24.2418	
669	1564	-1.29	4.33	-1.22	-5.55	-0.68	-1.05	-0.94	-9.13	-3.07	0.57	-1.25	-2.81	-5.74	-0.10	-2.14	1.17	0.03	4.64	-24.2357	
670	1294	-0.66	-6.38	1.32	-5.55	-0.68	-1.05	1.56	-8.31	2.49	-2.71	-1.99	1.30	0.53	-3.78	2.86	-4.13	5.04	-4.09	-24.2272	
671	2514	-0.82	9.11	-2.56	-11.11	-0.68	-2.64	1.56	2.23	-4.25	-1.62	2.04	-2.49	-7.07	-3.46	2.86	-5.74	-7.48	7.89	-24.2259	
672	2646	-0.82	0.47	-0.09	5.58	-0.33	-2.11	1.56	-7.33	-0.26	-2.71	-1.76	1.30	-2.57	-4.54	2.86	-4.44	-4.98	-4.03	-24.1943	
673	4580	0.28	-3.80	0.01	0.01	-0.33	-2.64	-0.34	0.35	-2.33	-0.53	-0.09	2.21	-4.90	3.43	-1.58	-6.52	-9.99	2.54	-24.1895	
674	589	-2.27	5.23	-0.72	-5.55	-0.68	-2.64	-0.34	-6.32	-0.08	-3.07	-2.38	1.30	-2.36	-3.77	-0.47	-3.33	0.03	3.23	-24.1860	
675	3782	2.24	-7.80	2.48	-11.11	-1.02	3.19	-0.80	-2.17	4.13	-0.89	-3.47	0.10	2.36	-1.25	-1.03	-3.11	2.54	-8.56	-24.1745	
676	2671	-1.16	6.36	-0.76	-5.55	-1.02	-1.05	1.56	-10.20	-0.42	-3.80	-1.56	1.30	-2.76	-4.80	1.75	0.79	-7.48	4.64	-24.1659	
677	2079	-0.63	0.24	-0.53	-5.55	-0.33	1.60	-0.34	-6.46	1.60	-1.62	-1.76	1.30	-0.48	-3.38	-1.03	1.87	-7.48	-1.19	-24.1647	
678	3141	1.75	-9.84	2.50	-11.11	0.36	2.13	-0.94	-4.95	4.23	0.93	-3.16	-2.81	2.48	1.28	-1.03	-2.49	5.04	-8.56	-24.1611	
679	1838	0.55	0.43	-1.12	0.01	-1.02	-2.64	-0.34	-1.12	-2.51	0.20	0.98	-2.49	-5.11	-2.27	-1.03	-6.81	-2.47	2.61	-24.1459	
680	669	-0.07	-9.84	2.31	-11.11	-0.33	-9.84	0.01	-0.34	-5.61	4.08	0.20	-1.35	1.30	2.32	-2.17	-0.47	-2.06	7.55	-8.56	-24.1348
681	655	-0.47	-7.94	1.66	-5.55	-0.68	1.07	-0.34	-7.44	2.57	-1.62	-1.18	1.30	0.62	-3.66	-2.14	1.21	2.54	-4.09	-24.1337	
682	4078	0.38	10.10	-3.14	-11.11	-0.33	-2.64	1.56	3.30	-4.94	-2.34	1.23	-2.49	-7.84	-2.18	2.86	-6.55	-9.99	10.00	-24.1159	
683	1657	0.55	-9.84	2.50	-11.11	0.02	3.19	-0.94	-6.02	4.22	1.29	-3.16	-2.81	2.47	-0.15	-1.03	-2.29	7.55	-8.56	-24.0995	
684	3592	0.87	-4.19	1.43	0.01	0.36	1.07	-0.34	-4.35	0.76	-0.89	-1.50	1.30	-1.42	-1.63	-1.58	-0.06	-7.48	-6.45	-24.0680	
685	564	-1.84	-2.12	0.04	5.58	-0.68	-1.58	-0.34	-7.66	-1.36	-2.34	-1.50	1.30	-3.81	-3.64	-1.58	-2.00	0.03	-0.57	-24.0584	
686	1906	-1.35	16.22	-3.38	-11.11	-1.37	-4.23	-0.34	3.00	-4.32	-2.71	1.43	-2.49	-7.15	-3.53	-1.03	-5.03	-12.49	15.82	-24.0580	
687	4137	0.32	-7.67	1.16	5.58	0.36	-1.05	1.56	-5.41	1.33	-1.25	-1.70	1.30	-0.78	-1.53	3.41	-3.69	-7.48	-8.51	-24.0474	
688	3689	0.44	0.41	-1.10	-5.55	-1.37	-1.05	-0.80	-3.65	-1.70	0.57	-1.93	0.10	-4.20	0.37	-0.47	-1.82	-2.47	0.22	-24.0239	
689	2726	-0.82	1.46	-0.67	5.58	-0.33	-1.05	1.56	-7.33	-0.95	-3.07	-2.57	1.30	-3.35	-4.69	2.86	-5.05	-4.98	-1.92	-24.0205	
690	530	-1.21	-5.64	1.14	5.58	0.02	-2.11	-0.34	-4.57	1.28	-1.98	-2.02	1.30	-0.84	-4.36	-1.03	-3.27	2.54	-8.51	-24.0107	
691	1845	0.49	-7.72	0.13	0.01	-0.68	-0.52	-0.34	-0.27	-0.93	2.02	1.04	-2.49	-3.33	-0.69	-0.47	-5.87	-2.47	-1.88	-23.9442	
692	2552	-0.93	7.17	-3.82	-11.11	-1.02	-3.17	1.56	-0.39	-5.32	-0.53	2.68	-2.49	-8.28	-1.50	3.41	-4.08	-7.48	11.40	-23.8961	
693	4217	0.32	-6.68	0.58	5.58	0.36	0.01	1.56	-5.41	0.64	-1.62	-2.51	1.30	-1.56	-1.68	3.41	-4.30	-7.48	-6.40	-23.8736	
694	2592	-1.46	11.98	-3.27	-11.11	-1.02	-2.64	1.56	0.16	-6.39	-1.98	2.23	-2.49	-9.49	-2.81	2.30	-3.88	-9.99	14.42	-23.8607	
695	4893	-0.29	-2.30	0.07	-5.55	-0.33	-3.17	-0.34	-4.31	0.92	-0.16	-1.42	6.00	-1.23	3.94	-0.47	-3.11	-12.49	0.39	-23.8499	
696	610	-1.21	-4.65	0.57	5.58	0.02	-1.05	-0.34	-4.57	0.58	-2.34	-2.83	1.30	-1.62	-4.51	-1.03	-3.88	2.54	-6.40	-23.8369	
697	2316	0.74	-15.43	1.03	-5.55	-1.37	3.19	-0.80	-5.03	1.44	3.48	-0.74	0.10	-0.67	1.14	-0.47	1.13	2.54	-8.51	-23.8088	
698	4405	1.06	-8.42	1.49	-5.55	-1.37	1.07	1.09	-5.30	2.56	-1.62	-3.49	0.10	0.59	-0.50	3.41	-4.87	0.03	-4.09	-23.7771	
699	798	-0.47	-6.38	1.48	-5.55	-1.72	0.01	-0.80	-4.45	2.50	-2.34	-3.80	0.10	0.53	-3.33	-1.03	-4.46	10.05	-4.09	-23.7404	
700	4165	0.08	0.07	-1.06	5.58	-0.33	-1.58	1.56	-7.50	-1.43	-2.34	-1.93	1.30	-3.89	-2.01	3.41	-5.68	-7.48	-0.51	-23.7292	
701	3330	1.99	-5.68	0.13	0.01	-0.33	-0.52	-0.34	1.01	-0.93	0.57	0.72	-2.49	-3.33	-0.44	-1.03	-6.22	-4.98	-1.88	-23.7182	
702	973	-0.29	-7.72	0.15	0.01	-0.68	-2.64	1.56	-3.08	-0.87	-1.62	-0.77	-2.49	-3.25	-3.12	3.41	-10.50	10.05	-1.88	-23.7139	
703	558	-1.44	2.11	-1.07	5.58	-0.68	-2.64	-0.34	-6.66	-1.49	-3.07	-2.25	1.30	-3.95	-4.84	-1.03	-5.26	2.54	-0.51	-23.6925	
704	2788	0.62	-20.82	3.51	-11.11	1.40	0.01	1.56	-4.85	3.13	0.93	-0.47	1.30	1.24	0.41	2.30	-0.03	10.05	-12.87	-23.6906	
705	3956	2.08	-5.22	1.01	-5.55	-0.33	0.54	1.56	-2.64	-0.70	-1.25	0.24	-2.49	-3.07	-1.43	2.30	-6.84	0.03	-1.92	-23.6669	
706	1286	-0.90	-0.27	0.07	-5.55	-1.02	-3.17	1.56	-9.38	0.92	-3.43	-1.74	1.30	-1.24	-4.18	2.86	-4.92	5.04	0.39	-23.6611	
707	2152	1.27	-16.58	1.86	0.01	0.71	2.13	-0.34	-5.97	3.23	2.75	-0.41	1.30	1.33	-0.60	-0.47	-1.				

710	647	-0.71	-1.83	0.41	-5.55	-1.02	-1.05	-0.34	-8.51	1.00	-2.34	-0.93	1.30	-1.15	-4.06	-2.14	0.42	2.54	0.39	-23.5676
711	4136	-0.02	-3.76	1.02	5.58	0.02	-1.05	1.56	-7.26	-0.12	-2.34	-1.02	1.30	-2.42	-1.92	2.30	-1.37	-9.99	-4.09	-23.5663
712	3688	0.10	4.33	-1.24	-5.55	-1.72	-1.05	-0.80	-5.50	-3.15	-0.53	-1.25	0.10	-5.84	-0.02	-1.58	0.50	-4.98	4.64	-23.5428
713	2046	-1.12	1.47	0.34	5.58	-0.68	-0.52	-0.34	-5.50	1.25	-3.07	-2.63	1.30	-0.87	-4.22	-1.03	-2.93	-9.99	-0.57	-23.5246
714	1676	0.55	-15.43	1.05	-5.55	0.02	3.19	-0.94	-7.60	1.54	4.20	-0.74	-2.81	-0.57	2.49	-1.03	1.60	5.04	-8.51	-23.5079
715	1844	0.15	-3.80	0.00	0.01	-1.02	-0.52	-0.34	-2.12	-2.39	0.93	1.72	-2.49	-4.97	-1.07	-1.58	-3.55	-4.98	2.54	-23.4631
716	1293	-0.96	-8.42	1.32	-5.55	-0.68	-1.05	1.56	-8.52	2.50	-1.62	-1.68	1.30	0.54	-2.60	3.41	-3.98	5.04	-4.09	-23.4593
717	2513	-1.12	7.08	-2.56	-11.11	-0.68	-2.64	1.56	2.01	-4.24	-0.53	2.36	-2.49	-7.06	-2.28	3.41	-5.59	-7.48	7.89	-23.4580
718	158	-0.66	-6.38	1.50	-5.55	-0.33	0.01	-0.94	-7.02	2.59	-1.62	-3.80	-2.81	0.64	-1.98	-1.58	-3.99	12.56	-4.09	-23.4395
719	2783	0.68	-13.40	1.51	-5.55	-0.33	3.19	1.56	-8.67	4.18	-0.16	-1.06	1.30	2.42	-2.21	2.86	1.22	-2.47	-8.51	-23.4380
720	2170	-0.47	0.81	-0.14	-5.55	-1.37	-0.52	-0.80	-3.48	-0.53	0.20	-1.76	0.10	-2.88	-2.17	-1.03	-0.58	0.03	-3.30	-23.4300
721	2645	-1.12	-1.56	-0.09	5.58	-0.33	-2.11	1.56	-7.55	-0.25	-1.62	-1.45	1.30	-2.56	-3.36	3.41	-4.29	-4.98	-4.03	-23.4264
722	4794	-1.07	7.91	-1.11	-5.55	-0.33	-4.23	-0.34	-4.09	-0.55	-2.71	-2.37	6.00	-2.89	1.81	-1.03	-2.52	-15.00	4.64	-23.4177
723	3781	1.94	-9.84	2.48	-11.11	-1.02	3.19	-0.80	-2.39	4.14	0.20	-3.16	0.10	2.37	-0.07	-0.47	-2.96	2.54	-8.56	-23.4066
724	4216	-0.02	-2.77	0.44	5.58	0.02	0.01	1.56	-7.26	-0.82	-2.71	-1.83	1.30	-3.20	-2.06	2.30	-1.98	-9.99	-1.98	-23.3925
725	1837	0.25	-1.61	-1.12	0.01	-1.02	-2.64	-0.34	-1.34	-2.51	1.29	1.29	-2.49	-5.10	-1.09	-0.47	-6.66	-2.47	2.61	-23.3780
726	2692	-0.69	-7.59	-0.11	5.58	-0.33	0.54	1.56	-8.89	0.25	-0.89	-1.38	1.30	-2.00	-2.19	3.41	-1.99	-4.98	-4.99	-23.3627
727	4077	0.08	8.07	-3.13	-11.11	-0.33	-2.64	1.56	3.08	-4.93	-1.25	1.55	-2.49	-7.84	-1.00	3.41	-6.40	-9.99	10.00	-23.3480
728	3483	0.57	-0.74	0.04	-5.55	0.02	0.54	-0.34	-5.39	2.30	-1.62	-0.95	1.30	0.31	-1.80	-1.03	2.28	-9.99	-3.30	-23.3447
729	470	-1.44	10.10	-3.15	-11.11	-0.68	-3.70	-0.34	3.93	-4.99	-1.98	1.23	-2.49	-7.90	-3.83	-1.03	-5.98	0.03	10.00	-23.3113
730	4888	1.39	-16.58	1.87	0.01	1.40	1.07	-0.34	-3.49	3.29	1.29	-2.22	6.00	1.40	3.91	-0.47	-4.11	-4.98	-12.75	-23.2966
731	1905	-1.65	14.19	-3.38	-11.11	-1.37	-4.23	-0.34	2.78	-4.32	-1.62	1.75	-2.49	-7.14	-2.35	-0.47	-4.88	-12.49	15.82	-23.2901
732	2250	-0.47	1.79	-0.72	-5.55	-1.37	0.54	-0.80	-3.48	-1.22	-0.16	-2.57	0.10	-3.66	-2.32	-1.03	-1.19	0.03	-1.19	-23.2562
733	2725	-1.12	-0.57	-0.67	5.58	-0.33	-1.05	1.56	-7.55	-0.94	-1.98	-2.26	1.30	-3.34	-3.51	3.41	-4.89	-4.98	-1.92	-23.2526
734	4164	-0.25	3.99	-1.20	5.58	-0.68	-1.58	1.56	-9.35	-2.88	-3.43	-1.25	1.30	-5.53	-2.39	2.30	-3.36	-9.99	3.91	-23.2482
735	529	-1.50	-7.67	1.15	5.58	0.02	-2.11	-0.34	-4.78	1.28	-0.89	-1.70	1.30	-0.83	-3.18	-0.47	-3.12	2.54	-8.51	-23.2428
736	2308	0.50	-9.32	-0.22	-5.55	-1.72	1.07	-0.80	-6.10	-0.13	2.75	-0.49	0.10	-2.44	0.74	-0.47	0.34	2.54	-4.03	-23.2427
737	972	-0.63	-3.80	0.01	0.01	-1.02	-2.64	1.56	-4.93	-2.33	-2.71	-0.09	-2.49	-4.90	-3.50	2.30	-8.18	7.55	2.54	-23.2328
738	3998	0.38	9.11	-2.56	-11.11	-0.33	-2.64	1.56	3.30	-4.24	-1.98	2.04	-2.49	-7.06	-2.03	2.86	-5.94	-9.99	7.89	-23.2320
739	24	0.17	-14.41	2.67	0.01	0.71	0.01	-0.94	-8.41	3.26	3.11	-2.86	15.71	-14.28	-0.02	-1.03	-4.25	10.05	-12.75	-23.2155
740	4130	0.38	0.47	-0.09	5.58	0.02	-2.11	1.56	-6.26	-0.25	-3.07	-1.76	1.30	-2.56	-3.11	2.86	-4.64	-7.48	-4.03	-23.2005
741	3014	0.54	0.81	-0.12	-5.55	0.36	-1.58	-0.94	-4.97	-0.43	0.57	-1.76	-2.81	-2.76	0.61	-1.58	-0.31	0.03	-3.30	-23.1906
742	4155	0.04	6.36	-0.76	-5.55	-0.68	-1.05	1.56	-9.13	-0.41	-4.16	-1.56	1.30	-2.75	-3.37	1.75	0.59	-9.99	4.64	-23.1721
743	3563	0.57	0.24	-0.53	-5.55	0.02	1.60	-0.34	-5.39	1.61	-1.98	-1.76	1.30	-0.48	-1.95	-1.03	1.67	-9.99	-1.19	-23.1708
744	3322	1.75	0.43	-1.12	0.01	-0.68	-2.64	-0.34	-0.06	-2.51	-0.16	0.98	-2.49	-5.10	-0.84	-1.03	-7.01	-4.98	2.61	-23.1521
745	1530	-0.66	0.81	-0.12	-5.55	0.02	-0.52	-0.94	-6.04	-0.43	0.93	-1.76	-2.81	-2.77	-0.82	-1.58	-0.11	2.54	-3.30	-23.1291
746	609	-1.50	-6.68	0.57	5.58	0.02	-1.05	-0.34	-4.78	0.59	-1.25	-2.51	1.30	-1.61	-3.33	-0.47	-3.73	2.54	-6.40	-23.0690
747	3390	-0.15	16.22	-3.38	-11.11	-1.02	-4.23	-0.34	4.06	-4.32	-3.07	1.43	-2.49	-7.14	-2.10	-1.03	-5.23	-15.00	15.82	-23.0642
748	4210	0.38	1.46	-0.67	5.58	0.02	-1.05	1.56	-6.26	-0.94	-3.43	-2.57	1.30	-3.34	-3.26	2.86	-5.25	-7.48	-1.92	-23.0266
749	3094	0.54	1.79	-0.69	-5.55	0.36	-0.52	-0.94	-4.97	-1.12	0.20	-2.57	-2.81	-3.55	0.46	-1.58	-0.92	0.03	-1.19	-23.0168
750	3152	1.51	-9.32	-0.20	-5.55	0.02	0.01	-0.94	-7.60	-0.03	3.11	-0.49	-2.81	-2.32	3.52	-1.03	0.60	2.54	-4.03	-23.0033
751	2512	-1.46	11.00	-2.70	-11.11	-1.02	-2.64	1.56	0.16	-5.70	-1.62	3.04	-2.49	-8.70	-2.66	2.30	-3.27	-9.99	12.31	-22.9769
752	797	-0.76	-8.42	1.48	-5.55	-1.72	0.01	-0.80	-4.67	2.51	-1.25	-3.49	0.10	0.54	-2.14	-0.47	-4.30	10.05	-4.09	-22.9725
753	1610	-0.66	1.79	-0.69	-5.55	0.02	0.54	-0.94	-6.04	-1.13	0.57	-2.57	-2.81	-3.56	-0.97	-1.58	-0.72	2.54	-1.19	-22.9552
754	2287	0.88	-13.40	1.67	-5.55	-1.37	4.25	-0.80	-4.82	4.19	0.20	-2.87	0.10	2.43	-1.76	-1.03	0.90	2.54	-8.51	-22.9512
755	3329	1.69	-7.72	0.14	0.01	-0.33	-0.52	-0.34	0.80	-0.92	1.66	1.04	-2.49	-3.32	0.74	-0.47	-6.07	-4.98	-1.88	-22.9503
756	2644	-1.46	2.35	-0.23	5.58	-0.68	-2.11	1.56	-9.40	-1.70	-2.71	-0.76	1.30	-4.20	-3.74	2.30	-1.97	-7.48	0.39	-22.9454
757	1668	0.31	-9.32	-0.20	-5.55	-0.33	1.07	-0.94	-8.67	-0.04	3.48	-0.49	-2.81	-2.34	2.09	-1.03	0.81	5.04	-4.03	-22.9417
758	557	-1.74	0.07	-1.07	5.58	-0.68	-2.64	-0.34	-6.87	-1.48	-1.98	-1.93	1.30	-3.94	-3.65	-0.47	-5.11	2.54	-0.51	-22.9246
759	4036	0.28	7.17	-3.82	-11.11	-0.68	-3.17	1.56	0.68	-5.31	-0.89	2.68	-2.49	-8.27	-0.07	3.41	-4.29	-9.99	11.40	-22.9023
760	1836	-0.09	2.31	-1.25	0.01	-1.37	-2.64	-0.34	-3.19	-3.96	0.20	1.98	-2.49	-6.74	-1.47	-1.58	-4.34	-4.98	7.03	-22.8970
761	1285	-1.19	-2.30	0.07	-5.55	-1.02	-3.17	1.56	-9.59	0.92	-2.34	-1.42	1.30	-1.23	-2.99	3.41	-4.77	5.04	0.39	-22.8932
762	2775	0.44	-7.29	0.26	-5.55	-0.68	1.07	1.56	-9.74	2.61	-0.89	-0.80	1.30	0.65	-2.61	2.86	0.43	-2.47	-4.03	-22.8719
763	4076	-0.25	11.98	-3.27	-11.11	-0.68	-2.64	1.56	1.23	-6.39	-2.34	2.23	-2.49	-9.48	-1.38	2.30	-4.08	-12.49	14.42	-22.8669
764	348	0.26	-5.22	1.00	-5.55	-0.68	-0.52	-0.34	-2.02	-0.75	-0.89	0.24	-2.49	-3.12	-3.07	-1.58	-6.27	10.05	-1.92	-22.8623
765	3800	1.94	-15.43	1.03	-5.55	-1.02	3.19	-0.80	-3.97	1.45	3.11	-0.74	0.10	-0.66	2.57	-0.47	0.92	0.03	-8.51	-22.8150
766	2724	-1.46	3.34	-0.81	5.58	-0.68	-1.05	1.56	-9.40	-2.40	-3.07	-1.57	1.30	-4.98	-3.89	2.30	-2.58	-7.48	2.50	-22.7715
767	528	-1.84	-3.76	1.01	5.58	-0.33	-2.11	-0.34	-6.63	-0.17	-1.98	-1.02	1.30	-2.47	-3.56	-1.58	-0.80	0.03	-4.09	-22.7618
768	2045	-1.41	-0.57	0.34	5.58	-0.68	-0.52	-0.34	-5.72	1.25	-1.98	-2.31	1.30	-0.86	-3.04	-0.47	-2.78	-9.99	-0.57	-22.7567
769	2987	1.64	-16.62	4.95	-11.11	1.75	0.01	-0.94	-3.19	5.85	1.29	-3.23	15.71	-11.34	1.95	-2.69	1.05	5.04	-12.87	-22.7242
770	32	-1.45	-1.76	0.99	-11.11	0.71	-2.11	-0.94	-6.97	1.62	3.84	3.44	15.71	-30.12	12.70	-2.14	-4.37	5.04	-5.80	-22.7145
771	3131	1.89	-13.40	1.70	-5.55	0.36	3.19	-0.94	-6.31	4.29	0.57	-2.87	-2.81	2.54	1.02	-1.58	1.16	2.54	-8.51	-22.7118
772	2454	0.10	-0.21	0.31	0.01	-1.02	-1.58	1.56	-2.77	0.28	-3.43	-1.21	-2.49	-1.96	-4.09	2.86	-9.12</			

775	1503	0.44	-16.62	4.95	-11.11	1.40	1.07	-0.94	-4.26	5.85	1.66	-3.23	15.71	-11.35	0.52	-2.69	1.25	7.55	-12.87	11.11	-22.6626
776	2169	-0.77	-1.23	-0.14	-5.55	-1.37	-0.52	-0.80	-3.70	-0.52	1.29	-1.45	0.10	-2.87	-0.99	-0.47	-0.43	0.03	-3.30	11.11	-22.6621
777	1647	0.69	-13.40	1.69	-5.55	0.02	4.25	-0.94	-7.38	4.28	0.93	-2.87	-2.81	2.53	-0.41	-1.58	1.37	5.04	-8.51	11.11	-22.6503
778	4793	-1.37	5.88	-1.11	-5.55	-0.33	-4.23	-0.34	-4.31	-0.54	-1.62	-2.06	6.00	-2.88	2.99	-0.47	-2.37	-15.00	4.64	-12.87	-22.6498
779	3636	2.47	-16.58	1.86	0.01	1.06	2.13	-0.34	-4.90	3.24	2.38	-0.41	1.30	1.34	0.83	-0.47	-1.32	-2.47	-12.75	11.11	-22.6223
780	1815	0.29	-1.77	0.64	0.01	-1.02	0.54	-0.34	-1.91	0.36	-2.34	-0.40	-2.49	-1.87	-3.97	-2.14	-3.78	-4.98	2.54	-12.87	-22.6055
781	608	-1.84	-2.77	0.43	5.58	-0.33	-1.05	-0.34	-6.63	-0.87	-2.34	-1.83	1.30	-3.26	-3.71	-1.58	-1.41	0.03	-1.98	11.11	-22.5879
782	469	-1.74	8.07	-3.15	-11.11	-0.68	-3.70	-0.34	3.71	-4.98	-0.89	1.55	-2.49	-7.89	-2.64	-0.47	-5.83	0.03	10.00	-12.87	-22.5434
783	3530	0.09	1.47	0.34	5.58	-0.33	-0.52	-0.34	-4.43	1.25	-3.43	-2.63	1.30	-0.86	-2.79	-1.03	-3.13	-12.49	-0.57	11.11	-22.5308
784	2954	0.84	-11.85	1.33	-5.55	-1.37	2.13	1.09	-5.68	1.36	1.29	-1.87	0.10	-0.76	-1.15	2.86	-1.84	5.04	-8.51	11.11	-22.5296
785	2249	-0.77	-0.24	-0.71	-5.55	-1.37	0.54	-0.80	-3.70	-1.21	0.93	-2.26	0.10	-3.65	-1.14	-0.47	-1.04	0.03	-1.19	11.11	-22.4883
786	3328	1.35	-3.80	0.00	0.01	-0.68	-0.52	-0.34	-1.06	-2.38	0.57	1.72	-2.49	-4.96	0.36	-1.58	-3.75	-7.48	2.54	-12.87	-22.4693
787	3997	0.08	7.08	-2.56	-11.11	-0.33	-2.64	1.56	3.08	-4.24	-0.89	2.36	-2.49	-7.05	-0.85	3.41	-5.79	-9.99	7.89	11.11	-22.4641
788	1186	-1.97	7.91	-1.11	-5.55	-1.02	-4.23	1.56	-9.38	-0.55	-4.89	-2.37	1.30	-2.89	-5.13	2.86	-4.18	2.54	4.64	-12.87	-22.4610
789	4267	1.88	-13.40	1.51	-5.55	0.02	3.19	1.56	-7.60	4.19	-0.53	-1.06	1.30	2.43	-0.78	2.86	1.02	-4.98	-8.51	11.11	-22.4442
790	556	-2.08	3.99	-1.21	5.58	-1.02	-2.64	-0.34	-8.73	-2.94	-3.07	-1.25	1.30	-5.58	-4.04	-1.58	-2.79	0.03	3.91	-12.87	-22.4436
791	3654	0.73	0.81	-0.14	-5.55	-1.02	-0.52	-0.80	-2.41	-0.52	-0.16	-1.76	0.10	-2.87	-0.74	-1.03	-0.78	-2.47	-3.30	11.11	-22.4362
792	4129	0.08	-1.56	-0.09	5.58	0.02	-2.11	1.56	-6.48	-0.24	-1.98	-1.45	1.30	-2.55	-1.93	3.41	-4.49	-7.48	-4.03	11.11	-22.4326
793	390	-1.44	9.11	-2.57	-11.11	-0.68	-3.70	-0.34	3.93	-4.29	-1.62	2.04	-2.49	-7.11	-3.68	-1.03	-5.37	0.03	7.89	-12.87	-22.4275
794	3013	0.25	-1.23	-0.11	-5.55	0.36	-1.58	-0.94	-5.19	-0.42	1.66	-1.45	-2.81	-2.75	1.79	-1.03	-0.16	0.03	-3.30	11.11	-22.4227
795	522	-1.44	0.47	-0.11	5.58	-0.33	-3.17	-0.34	-5.64	-0.30	-2.71	-1.76	1.30	-2.61	-4.76	-1.03	-4.07	2.54	-4.03	-12.87	-22.3959
796	3321	1.46	-1.61	-1.11	0.01	-0.68	-2.64	-0.34	-0.27	-2.50	0.93	1.29	-2.49	-5.09	0.35	-0.47	-6.86	-4.98	2.61	-12.87	-22.3842
797	4176	0.51	-7.59	-0.10	5.58	0.02	0.54	1.56	-7.82	0.26	-1.25	-1.38	1.30	-2.00	-0.76	3.41	-2.19	-7.48	-4.99	11.11	-22.3689
798	547	-1.78	6.36	-0.77	-5.55	-1.02	-2.11	-0.34	-8.51	-0.47	-3.80	-1.56	1.30	-2.80	-5.02	-2.14	1.16	0.03	4.64	-12.87	-22.3675
799	1529	-0.96	-1.23	-0.12	-5.55	0.02	-0.52	-0.94	-6.26	-0.43	2.02	-1.45	-2.81	-2.76	0.36	-1.03	0.04	2.54	-3.30	11.11	-22.3612
800	1280	0.49	-16.58	1.87	0.01	0.71	1.07	1.56	-8.78	3.29	-0.89	-2.22	1.30	1.40	-3.03	3.41	-5.77	12.56	-12.75	11.11	-22.3399
801	2790	1.37	-13.00	2.16	0.01	0.71	1.07	1.56	-6.62	3.15	0.57	-1.54	1.30	1.25	-2.89	2.86	-4.09	2.54	-12.75	11.11	-22.3368
802	1830	0.98	-1.63	1.29	-5.55	-0.68	0.54	-0.34	0.14	1.86	-1.62	-0.88	-2.49	-0.18	-3.65	-1.03	-7.20	0.03	-1.92	11.11	-22.3286
803	3389	-0.45	14.19	-3.38	-11.11	-1.02	-4.23	-0.34	3.85	-4.31	-1.98	1.75	-2.49	-7.13	-0.92	-0.47	-5.08	-15.00	15.82	-12.87	-22.2962
804	3734	0.73	1.79	-0.71	-5.55	-1.02	0.54	-0.80	-2.41	-1.21	-0.53	-2.57	0.10	-3.65	-0.89	-1.03	-1.39	-2.47	-1.19	11.11	-22.2624
805	4209	0.08	-0.57	-0.67	5.58	0.02	-1.05	1.56	-6.48	-0.94	-2.34	-2.26	1.30	-3.34	-2.08	3.41	-5.10	-7.48	-1.92	11.11	-22.2587
806	3093	0.25	-0.24	-0.69	-5.55	0.36	-0.52	-0.94	-5.19	-1.11	1.29	-2.26	-2.81	-3.54	1.64	-1.03	-0.77	0.03	-1.19	11.11	-22.2489
807	3792	1.70	-9.32	-0.22	-5.55	-1.37	1.07	-0.80	-5.03	-0.13	2.38	-0.49	0.10	-2.43	2.17	-0.47	0.14	0.03	-4.03	11.11	-22.2488
808	2998	0.48	1.82	1.29	-11.11	1.06	-2.11	-0.94	-3.74	4.23	2.75	2.32	15.71	-27.17	13.55	-1.58	-5.51	-7.48	-5.80	11.11	-22.2423
809	2010	-1.12	-0.17	1.30	5.58	-0.33	-1.05	-0.34	-4.48	2.43	-2.71	-2.14	1.30	0.47	-4.14	-1.03	-1.74	-9.99	-4.09	11.11	-22.2280
810	602	-1.44	1.46	-0.68	5.58	-0.33	-2.11	-0.34	-5.64	-0.99	-3.07	-2.57	1.30	-3.40	-4.91	-1.03	-4.68	2.54	-1.92	11.11	-22.2221
811	6124	0.94	-3.15	0.21	-11.11	1.06	0.54	-0.94	5.49	-0.62	2.02	-2.35	2.65	-2.98	2.21	-2.14	-4.68	-7.48	-1.90	11.11	-22.2182
812	1609	-0.96	-0.24	-0.69	-5.55	0.02	0.54	-0.94	-6.26	-1.12	1.66	-2.26	-2.81	-3.55	0.21	-1.03	-0.57	2.54	-1.19	11.11	-22.1873
813	2168	-1.10	2.69	-0.27	-5.55	-1.72	-0.52	-0.80	-5.55	-1.97	0.20	-0.76	0.10	-4.51	-1.37	-1.58	1.89	-2.47	1.12	11.11	-22.1811
814	1514	-0.73	1.82	1.29	-11.11	0.71	-1.05	-0.94	-4.81	4.22	3.11	2.32	15.71	-27.18	12.12	-1.58	-5.31	-4.98	-5.80	11.11	-22.1808
815	2292	0.82	-20.82	3.67	-11.11	0.36	2.13	-0.80	-1.00	3.14	1.29	-2.28	0.10	1.24	0.86	-1.58	-0.36	15.06	-12.87	11.11	-22.1578
816	428	-1.55	7.17	-3.83	-11.11	-1.02	-4.23	-0.34	1.30	-5.37	-0.53	2.68	-2.49	-8.32	-1.72	-0.47	-3.72	0.03	11.40	-12.87	-22.0977
817	2656	-0.69	-9.22	0.86	5.58	0.02	0.01	1.56	-7.86	1.44	-0.53	-0.89	1.30	-0.67	-2.11	3.41	-0.79	-4.98	-8.51	11.11	-22.0661
818	468	-2.08	11.98	-3.28	-11.11	-1.02	-3.70	-0.34	1.86	-6.44	-1.98	2.23	-2.49	-9.53	-3.03	-1.58	-3.51	-2.47	14.42	-12.87	-22.0623
819	2090	-1.12	0.82	0.73	5.58	-0.33	0.01	-0.34	-4.48	1.74	-3.07	-2.95	1.30	-0.32	-4.29	-1.03	-2.35	-9.99	-1.98	11.11	-22.0541
820	2208	-0.57	-1.14	-1.40	-5.55	-1.72	0.01	-0.80	-6.10	-1.60	1.29	-1.12	0.10	-4.09	-0.21	-0.47	1.08	0.03	0.22	11.11	-22.0426
821	2248	-1.10	3.68	-0.85	-5.55	-1.72	0.54	-0.80	-5.55	-2.67	-0.16	-1.57	0.10	-5.30	-1.52	-1.58	1.28	-2.47	3.23	11.11	-22.0072
822	3996	-0.25	11.00	-2.69	-11.11	-0.68	-2.64	1.56	1.23	-5.69	-1.98	3.04	-2.49	-8.70	-1.23	2.30	-3.47	-12.49	12.31	-12.87	-21.9831
823	2946	0.60	-5.74	0.08	-5.55	-1.72	0.01	1.09	-6.75	-0.21	0.57	-1.61	0.10	-2.53	-1.55	2.86	-2.63	5.04	-4.03	11.11	-21.9634
824	3771	2.08	-13.40	1.67	-5.55	-1.02	4.25	-0.80	-3.75	4.20	-0.16	-2.87	0.10	2.43	-0.33	-1.03	0.69	0.03	-8.51	11.11	-21.9574
825	2328	1.09	-11.39	2.18	-11.11	-1.37	3.19	-0.80	-4.84	1.49	3.11	-0.54	0.10	-0.61	0.08	-1.58	2.56	5.04	-8.56	11.11	-21.9561
826	4128	-0.25	2.35	-0.23	5.58	-0.33	-2.11	1.56	-8.33	-1.70	-3.07	-0.76	1.30	-4.19	-2.31	2.30	-2.17	-9.99	0.39	11.11	-21.9515
827	3012	-0.09	2.69	-0.25	-5.55	0.02	-1.58	-0.94	-7.04	-1.88	0.57	-0.76	-2.81	-4.40	1.41	-2.14	2.16	-2.47	1.12	11.11	-21.9416
828	2453	-0.20	-2.25	0.31	0.01	-1.02	-1.58	1.56	-2.99	0.29	-2.34	-0.90	-2.49	-1.95	-2.90	3.41	-8.97	-2.47	2.54	-12.87	-21.9311
829	3136	1.83	-20.82	3.69	-11.11	2.10	1.07	-0.94	-2.49	3.23	1.66	-2.28	-2.81	1.36	3.64	-2.14	-0.10	15.06	-12.87	11.11	-21.9184
830	2038	-1.35	7.58	-0.91	5.58	-1.02	-1.58	-0.34	-6.57	-0.33	-3.80	-2.37	1.30	-2.64	-4.62	-1.03	-3.73	-9.99	3.91	-12.87	-21.9098
831	3320	1.12	2.31	-1.25	0.01	-1.02	-2.64	-0.34	-2.12	-3.95	-0.16	1.98	-2.49	-6.73	-0.04	-1.58	-4.54	-7.48	7.03	-12.87	-21.9031
832	1738	-0.53	8.61	-2.29	0.01	-1.02	-2.64	-0.34	-1.12	-3.98	-1.25	0.34	-2.49	-6.76	-3.22	-1.03	-6.07	-4.98	6.85	-12.87	-21.8957
833	2736	-0.69	-8.23	0.29	5.58	0.02	1.07	1.56	-7.86	0.74	-0.89	-1.70	1.30	-1.45	-2.26	3.41	-1.40	-4.98	-6.40	11.11	-21.8922
834	664	0.00	-20.82	3.50	-11.11	1.40	-1.05	-0.34	-3.16	3.08	0.93	-0.47	1.30	1.20	0.19	-1.					

840	3052	0.44	-1.14	-1.38	-5.55	0.02	-1.05	-0.94	-7.60	1.50	1.66	-1.12	-2.81	-3.97	2.57	-1.03	1.34	0.03	0.22	-21.8032
841	2759	0.76	-18.79	4.15	-11.11	1.40	2.13	1.56	-4.63	5.88	-2.34	-2.59	1.30	4.33	-2.49	1.75	-0.27	10.05	-12.87	-21.7870
842	4208	-0.25	3.34	-0.81	5.58	-0.33	-1.05	1.56	-8.33	-2.39	-3.43	-1.57	1.30	-4.98	-2.46	2.30	-2.78	-9.99	2.50	-21.7777
843	4674	-0.54	10.75	-3.53	-11.11	-0.33	-5.29	-0.34	5.94	-5.45	-0.53	1.56	2.21	-8.41	2.93	-1.03	-5.02	-15.00	11.40	-21.7751
844	3092	-0.09	3.68	-0.83	-5.55	0.02	-0.52	-0.94	-7.04	-2.57	0.20	-1.57	-2.81	-5.18	1.26	-2.14	1.55	-2.47	3.23	-21.7678
845	3529	-0.21	-0.57	0.34	5.58	-0.33	-0.52	-0.34	-4.65	1.26	-2.34	-2.31	1.30	-0.86	-1.61	-0.47	-2.98	-12.49	-0.57	-21.7629
846	2953	0.55	-13.89	1.33	-5.55	-1.37	2.13	1.09	-5.90	1.37	2.38	-1.55	0.10	-0.75	0.03	3.41	-1.69	5.04	-8.51	-21.7617
847	2684	-0.93	-1.47	-1.35	5.58	-0.68	-0.52	1.56	-9.95	-1.33	-1.62	-1.12	1.30	-3.78	-2.58	3.41	-2.78	-4.98	-0.51	-21.7479
848	1568	-0.76	-1.14	-1.38	-5.55	-0.33	0.01	-0.94	-8.67	-1.50	2.02	-1.12	-2.81	-3.98	1.14	-1.03	1.55	2.54	0.22	-21.7416
849	3172	2.10	-11.39	2.20	-11.11	0.36	2.13	-0.94	-6.33	1.59	3.48	-0.54	-2.81	-0.50	2.86	-2.14	2.82	5.04	-8.56	-21.7167
850	2123	1.40	-14.55	2.50	0.01	0.71	4.25	-0.34	-5.75	5.98	-0.53	-2.54	1.30	4.42	-3.49	-1.03	-1.36	0.03	-12.75	-21.7126
851	1608	-1.29	3.68	-0.83	-5.55	-0.33	0.54	-0.94	-8.11	-2.57	0.57	-1.57	-2.81	-5.19	-0.17	-2.14	1.75	0.03	3.23	-21.7063
852	3938	1.30	-0.21	0.31	0.01	-0.68	-0.21	1.56	-1.70	0.29	-3.80	-1.21	-2.49	-1.95	-2.65	2.86	-9.32	-4.98	2.54	-21.7052
853	4584	0.81	-9.26	-0.15	0.01	0.02	-1.58	-0.34	0.82	-0.76	0.93	0.04	2.21	-3.14	4.67	-0.47	-6.15	-7.48	-1.88	-21.6954
854	1185	-2.27	5.88	-1.11	-5.55	-1.02	-4.23	1.56	-9.59	-0.54	-3.80	-2.06	1.30	-2.88	-3.95	3.41	-4.03	2.54	4.64	-21.6931
855	2675	-0.63	0.89	-0.92	-5.55	-0.68	0.01	1.56	-9.74	1.14	-2.34	-1.44	1.30	-1.00	-3.56	2.86	1.17	-4.98	0.22	-21.6718
856	3653	0.44	-1.23	-0.14	-5.55	-1.02	-0.52	-0.80	-2.63	-0.51	0.93	-1.45	0.10	-2.86	0.44	-0.47	-0.63	-2.47	-3.30	-21.6683
857	389	-1.74	7.08	-2.57	-11.11	-0.68	-3.70	-0.34	3.71	-4.29	-0.53	2.36	-2.49	-7.11	-2.49	-0.47	-5.22	0.03	7.89	-21.6596
858	1688	0.90	-11.39	2.20	-11.11	0.02	3.19	-0.94	-7.40	1.59	3.84	-0.54	-2.81	-0.51	1.43	-2.14	3.02	7.55	-8.56	-21.6551
859	659	0.06	-13.40	1.50	-5.55	-0.33	2.13	-0.34	-6.97	4.14	-0.16	-1.06	1.30	2.38	-2.43	-1.03	1.59	5.04	-8.51	-21.6396
860	5064	1.22	-11.39	2.19	-11.11	-0.68	2.13	-0.80	-2.36	1.55	1.66	-2.35	4.80	-0.54	4.59	-1.58	-0.43	0.03	-8.56	-21.6365
861	2715	-1.16	5.71	-0.37	-5.55	-0.68	0.54	1.56	-9.18	0.07	-3.80	-1.89	1.30	-2.20	-4.87	1.75	1.38	-7.48	3.23	-21.6364
862	521	-1.74	-1.56	-0.10	5.58	-0.33	-3.17	-0.34	-5.85	-0.29	-1.62	-1.45	1.30	-2.60	-3.58	-0.47	-3.92	2.54	-4.03	-21.6280
863	3299	1.49	-1.77	0.64	0.01	-0.68	0.54	-0.34	-0.84	0.37	-2.71	-0.40	-2.49	-1.87	-2.54	-2.14	-3.98	-7.48	2.54	-21.6117
864	2795	1.03	-9.36	2.66	-11.11	-0.33	3.19	1.56	-8.47	4.23	-0.53	-0.85	1.30	2.48	-3.27	1.75	2.65	0.03	-8.56	-21.5853
865	2789	1.08	-15.03	2.16	0.01	0.71	1.07	1.56	-6.84	3.16	1.66	-1.22	1.30	1.25	-1.70	3.41	-3.94	2.54	-12.75	-21.5689
866	568	-1.31	-7.59	-0.12	5.58	-0.33	-0.52	-0.34	-7.19	0.20	-0.89	-1.38	1.30	-2.05	-2.40	-0.47	-1.62	2.54	-4.99	-21.5643
867	1829	0.68	-3.67	1.29	-5.55	-0.68	0.54	-0.34	-0.08	1.87	-0.53	-0.57	-2.49	-0.18	-2.47	-0.47	-7.05	0.03	-1.92	-21.5607
868	4438	2.05	-11.85	1.33	-5.55	-1.02	2.13	1.09	-4.61	1.37	0.93	-1.87	0.10	-0.75	0.28	2.86	-2.04	2.54	-8.51	-21.5357
869	1950	-1.35	15.57	-2.99	-11.11	-1.02	-2.64	-0.34	4.02	-3.83	-2.71	1.11	-2.49	-6.59	-3.61	-1.03	-4.45	-12.49	14.42	-21.5285
870	2704	-0.34	-3.54	1.05	0.01	-0.33	0.54	1.56	-8.69	0.30	-1.25	-1.17	1.30	-1.94	-3.24	2.30	-0.56	-2.47	-5.04	-21.5100
871	3733	0.44	-0.24	-0.71	-5.55	-1.02	0.54	-0.80	-2.63	-1.21	0.57	-2.26	0.10	-3.65	0.29	-0.47	-1.24	-2.47	-1.19	-21.4944
872	2997	0.18	-0.21	1.29	-11.11	1.06	-2.11	-0.94	-3.96	4.24	3.84	2.63	15.71	-27.16	14.74	-1.03	-5.36	-7.48	-5.80	-21.4744
873	2009	-1.41	-2.20	1.31	5.58	-0.33	-1.05	-0.34	-4.69	2.44	-1.62	-1.82	1.30	0.47	-2.96	-0.47	-1.59	-9.99	-4.09	-21.4601
874	601	-1.74	-0.57	-0.68	5.58	-0.33	-2.11	-0.34	-5.85	-0.99	-1.98	-2.26	1.30	-3.39	-3.73	-0.47	-4.53	2.54	-1.92	-21.4542
875	1513	-1.02	-0.21	1.29	-11.11	0.71	-1.05	-0.94	-5.03	4.23	4.20	2.63	15.71	-27.18	13.31	-1.03	-5.16	-4.98	-5.80	-21.4129
876	2596	-0.93	6.52	-3.43	-11.11	-0.68	-1.58	1.56	0.63	-4.83	-0.53	2.36	-2.49	-7.72	-1.57	3.41	-3.50	-7.48	10.00	-21.3666
877	2146	0.72	-17.24	3.79	-11.11	1.40	0.01	-0.34	-1.00	5.69	0.20	-1.59	1.30	4.13	-0.39	-1.03	-0.60	7.55	-12.87	-21.3584
878	4274	2.57	-13.00	2.16	0.01	1.06	1.07	1.56	-5.55	3.16	0.20	-1.54	1.30	1.25	-1.45	2.86	-4.29	0.03	-12.75	-21.3430
879	3314	2.18	-1.63	1.29	-5.55	-0.33	0.54	-0.34	1.21	1.87	-1.98	-0.88	-2.49	-0.18	-2.22	-1.03	-7.41	-2.47	-1.92	-21.3347
880	2089	-1.41	-1.21	0.73	5.58	-0.33	0.01	-0.34	-4.69	1.75	-1.98	-2.64	1.30	-0.31	-3.11	-0.47	-2.20	-9.99	-1.98	-21.2862
881	2952	0.21	-9.97	1.19	-5.55	-1.72	2.13	1.09	-7.75	-0.09	1.29	-0.87	0.10	-2.39	-0.35	2.30	0.63	2.54	-4.09	-21.2806
882	4814	-0.30	-4.00	0.18	5.58	0.36	-1.58	-0.34	-2.55	0.13	-0.89	-2.50	6.00	-2.13	2.25	-1.03	-2.93	-12.49	-4.99	-21.2417
883	3494	0.09	-0.17	1.31	5.58	0.02	-1.05	-0.34	-3.41	2.44	-3.07	-2.14	1.30	0.47	-2.71	-1.03	-1.94	-12.49	-4.09	-21.2341
884	2945	0.31	-7.78	0.08	-5.55	-1.72	0.01	1.09	-6.97	-0.21	1.66	-1.30	0.10	-2.52	-0.36	3.41	-2.48	5.04	-4.03	-21.1955
885	3652	0.10	2.69	-0.27	-5.55	-1.37	-0.52	-0.80	-4.48	-1.97	-0.16	-0.76	0.10	-4.50	0.06	-1.58	1.69	-4.98	1.12	-21.1872
886	388	-2.08	11.00	-2.71	-11.11	-1.02	-3.70	-0.34	1.86	-5.74	-1.62	3.04	-2.49	-8.75	-2.88	-1.58	-2.90	-2.47	12.31	-21.1785
887	3776	2.02	-20.82	3.67	-11.11	0.71	2.13	-0.80	0.07	3.14	0.93	-2.28	0.10	1.25	2.29	-1.58	-0.57	12.56	-12.87	-21.1640
888	520	-2.08	2.35	-0.24	5.58	-0.68	-3.17	-0.34	-7.70	-1.75	-2.71	-0.76	1.30	-4.25	-3.96	-1.58	-1.60	0.03	0.39	-21.1469
889	2037	-1.65	5.54	-0.91	5.58	-1.02	-1.58	-0.34	-6.79	-0.32	-2.71	-2.06	1.30	-2.64	-3.43	-0.47	-3.58	-9.99	3.91	-21.1419
890	1737	-0.82	6.58	-2.29	0.01	-1.02	-2.64	-0.34	-1.34	-3.97	-0.16	0.66	-2.49	-6.75	-2.04	-0.47	-5.92	-4.98	6.85	-21.1278
891	1925	-0.88	2.27	-2.09	0.01	-0.68	-1.58	-0.34	4.31	-3.64	0.20	1.62	-2.49	-6.39	-1.91	-0.47	-5.28	-9.99	6.19	-21.1141
892	651	-0.18	-7.29	0.25	-5.55	-0.68	0.01	-0.34	-8.04	2.56	-0.89	-0.80	1.30	0.61	-2.82	-1.03	0.80	5.04	-4.03	-21.0735
893	4140	0.51	-9.22	0.86	5.58	0.36	0.01	1.56	-6.80	1.44	-0.89	-0.89	1.30	-0.66	-0.68	3.41	-0.99	-7.48	-8.51	-21.0722
894	4758	-1.07	6.28	-0.14	-5.55	0.02	-3.70	-0.34	-3.07	0.64	-2.34	-1.89	6.00	-1.55	1.88	-1.03	-1.33	-15.00	1.12	-21.0621
895	3574	0.09	0.82	0.73	5.58	0.02	0.01	-0.34	-3.41	1.75	-3.43	-2.95	1.30	-0.31	-2.86	-1.03	-2.55	-12.49	-1.98	-21.0603
896	3692	0.63	-1.14	-1.40	-5.55	-1.37	0.01	-0.80	-5.03	-1.59	0.93	-1.12	0.10	-4.08	1.22	-0.47	0.87	-2.47	0.22	-21.0487
897	4882	0.85	-17.24	3.80	-11.11	2.10	-1.05	-0.34	1.48	5.75	-1.25	-3.40	6.00	4.20	4.11	-1.03	-3.58	2.54	-12.87	-21.0388
898	3732	0.10	3.68	-0.85	-5.55	-1.37	0.54	-0.80	-4.48	-2.66	-0.53	-1.57	0.10	-5.29	-0.09	-1.58	1.08	-4.98	3.23	-21.0134
899	4673	-0.84	8.72	-3.53	-11.11	-0.33	-5.29	-0.34	-5.72	-5.44	0.57	1.87	2.21	-8.40	4.12	-0.47	-4.87	-15.00	11.40	-21.0072
900	600	-2.08	3.34	-0.82	5.58	-0.68	-2.11	-0.34	-7.70	-2.44	-3.07	-1.57	1.30	-5.03	-4.11	-1.58	-2.21	0.03	2.50	-20.9731
901	4430	1.81	-5.74	0.08	-5.55	-1.37	0.01	1.09	-5.68	-0.21	0.20	-1.61	0.10	-2.52	-0.11	2.86	-2.83	2.54	-4.03	-20.9696
902	1848	0.68	-9.26	-0.16	0.01	-0.68	0.54	-0.34	-1.66	-0.82	2.38	1.85	-2.49	-3.21	0.17					

905	3937	1.00	-2.25	0.31	0.01	-0.68	-1.58	1.56	-1.92	0.29	-2.71	-0.90	-2.49	-1.94	-1.47	3.41	-9.17	-4.98	2.54	-20.9373	
906	3522	-0.15	7.58	-0.91	5.58	-0.68	-1.58	-0.34	-5.50	-0.32	-4.16	-2.37	1.30	-2.64	-3.19	-1.03	-3.93	-12.49	3.91	-20.9160	
907	3222	0.68	8.61	-2.29	0.01	-0.68	-2.64	-0.34	-0.06	-3.97	-1.62	0.34	-2.49	-6.75	-1.79	-1.03	-6.28	-7.48	6.85	-20.9018	
908	330	-0.52	-0.21	0.29	0.01	-1.02	-2.64	-0.34	-1.08	0.24	-3.43	-1.21	-2.49	-2.00	-4.30	-1.03	-8.75	5.04	2.54	-20.9006	
909	4220	0.51	-8.23	0.29	5.58	0.36	1.07	1.56	-6.80	0.75	-1.25	-1.70	1.30	-1.44	-0.83	3.41	-1.60	-7.48	-6.40	-20.8984	
910	4838	-1.07	7.26	-0.72	-5.55	0.02	-2.64	-0.34	-3.07	-0.05	-2.71	-2.70	6.00	-2.33	1.73	-1.03	-1.94	-15.00	3.23	-20.8882	
911	3410	0.62	4.30	-2.09	0.01	-0.33	-1.58	-0.34	5.60	-3.64	-1.25	1.30	-2.49	-6.39	-1.66	-1.03	-5.64	-12.49	6.19	-20.8882	
912	4918	1.12	-7.80	2.31	-11.11	0.36	0.01	-0.34	-2.36	4.11	0.57	-1.66	6.00	2.35	3.34	-1.03	-0.67	-7.48	-8.56	-20.8371	
913	1066	-1.44	10.75	-3.53	-11.11	-1.02	-5.29	1.56	0.65	-5.45	-2.71	1.56	-2.49	-8.41	-4.00	2.86	-6.68	2.54	11.40	-20.8184	
914	4119	0.04	4.72	0.21	-5.55	-0.33	-0.52	1.56	-8.11	0.77	-3.80	-1.08	1.30	-1.41	-3.29	1.75	1.78	-9.99	1.12	-20.8165	
915	2294	1.57	-13.00	2.32	0.01	-0.33	3.19	-0.80	-2.77	3.16	0.93	-3.35	0.10	1.25	-2.43	-1.03	-4.42	7.55	-12.75	-20.8041	
916	4243	1.96	-18.79	4.15	-11.11	1.75	2.13	1.56	-3.56	5.88	-2.71	-2.59	1.30	4.34	-1.06	1.75	-0.47	7.55	-12.87	-20.7932	
917	4437	1.75	-13.89	1.33	-5.55	-1.02	2.13	1.09	-4.83	1.38	2.02	-1.55	0.10	-0.74	1.47	3.41	-1.89	2.54	-8.51	-20.7678	
918	2846	-0.47	2.44	-1.10	-5.55	-1.72	-1.05	1.09	-6.75	-1.68	-0.89	-2.25	0.10	-4.17	-2.50	2.86	-1.89	2.54	0.22	-20.7633	
919	1949	-1.65	13.54	-2.99	-11.11	-1.02	-2.64	-0.34	3.80	-3.82	-1.62	1.42	-2.49	-6.59	-2.42	-0.47	-4.30	-12.49	14.42	-20.7606	
920	4168	0.28	-1.47	-1.35	5.58	-0.33	-0.52	1.56	-8.89	-1.32	-1.98	-1.12	1.30	-3.77	-1.15	3.41	-2.98	-7.48	-0.51	-20.7541	
921	976	-0.10	-9.26	-0.15	0.01	-0.68	-1.58	1.56	-4.47	-0.76	-1.25	0.04	-2.49	-3.14	-2.27	3.41	-7.81	10.05	-1.88	-20.7387	
922	830	0.22	-11.85	1.32	-5.55	-1.37	1.07	-0.80	-3.99	1.32	1.29	-1.87	0.10	-0.80	-1.36	-1.03	-1.47	12.56	-8.51	-20.7311	
923	3607	2.61	-14.55	2.50	0.01	1.06	4.25	-0.34	-4.68	5.99	-0.89	-2.54	1.30	4.43	-2.06	-1.03	-1.56	-2.47	-12.75	-20.7187	
924	2944	-0.03	-3.86	-0.06	-5.55	-2.06	0.01	1.09	-8.82	-1.66	0.57	-0.61	0.10	-4.16	-0.75	2.30	-0.16	2.54	0.39	-20.7145	
925	8	-1.45	-12.63	3.20	-11.11	0.36	-3.17	-0.94	-6.97	2.43	5.66	3.69	15.71	-21.89	8.32	-2.14	-3.50	12.56	-8.84	-20.7107	
926	1456	0.31	-11.39	2.19	-11.11	-1.37	2.13	1.09	-7.65	1.55	-0.53	-2.35	0.10	-0.54	-2.35	2.30	-2.09	17.57	-8.56	-20.6798	
927	4159	0.57	0.89	-0.92	-5.55	-0.33	0.01	1.56	-8.67	1.15	-2.71	-1.44	1.30	-0.99	-2.13	2.86	0.97	-7.48	0.22	-20.6780	
928	1736	-1.16	10.50	-2.43	0.01	-1.37	-2.64	-0.34	-3.19	-5.42	-1.25	1.34	-2.49	-8.39	-2.42	-1.58	-3.60	-7.48	11.27	-20.6467	
929	1870	-1.35	14.58	-2.41	-11.11	-1.02	-2.64	-0.34	4.02	-3.14	-2.34	1.92	-2.49	-5.81	-3.46	-1.03	-3.84	-12.49	12.31	-20.6447	
930	4199	0.04	5.71	-0.37	-5.55	-0.33	0.54	1.56	-8.11	0.08	-4.16	-1.89	1.30	-2.20	-3.44	1.75	1.17	-9.99	3.23	-20.6426	
931	1924	-1.22	6.19	-2.22	0.01	-1.02	-1.58	-0.34	2.46	-5.10	-0.89	2.30	-2.49	-8.03	-2.29	-1.58	-2.96	-12.49	10.61	-20.6331	
932	2002	-1.35	5.94	0.05	5.58	-0.68	-2.11	-0.34	-5.55	0.86	-3.43	-1.89	1.30	-1.31	-4.54	-1.03	-2.54	-9.99	0.39	-20.6132	
933	4279	2.24	-9.36	2.66	-11.11	0.02	3.19	1.56	-7.40	4.24	-0.89	-0.85	1.30	2.49	-1.84	1.75	2.45	-2.47	-8.56	-20.5915	
934	2145	0.43	-19.27	3.79	-11.11	1.40	0.01	-0.34	-1.21	5.70	1.29	-1.28	1.30	4.14	0.79	-0.47	-0.45	7.55	-12.87	-20.5905	
935	4273	2.28	-15.03	2.16	0.01	1.06	1.07	1.56	-5.77	3.17	1.29	-1.22	1.30	1.26	-0.27	3.41	-4.14	0.03	-12.75	-20.5751	
936	3313	1.89	-3.67	1.30	-5.55	-0.33	0.54	-0.34	0.99	1.87	-0.89	-0.57	-2.49	-0.17	-1.04	-0.47	-7.25	-2.47	-1.92	-20.5668	
937	3138	2.58	-13.00	2.34	0.01	1.40	2.13	-0.94	-4.26	3.26	1.29	-3.35	-2.81	1.36	0.35	-1.58	-4.15	7.55	-12.75	-20.5647	
938	666	0.75	-13.00	2.15	0.01	0.71	0.01	-0.34	-4.92	3.11	0.57	-1.54	1.30	1.20	-3.10	-1.03	-3.72	10.05	-12.75	-20.5384	
939	3434	-0.15	15.57	-2.99	-11.11	-0.68	-2.64	-0.34	5.09	-3.82	-3.07	1.11	-2.49	-6.59	-2.17	-1.03	-4.65	-15.00	14.42	-20.5347	
940	4672	-1.17	12.63	-3.67	-11.11	-0.68	-5.29	-0.34	3.87	-6.89	-0.53	2.56	3.87	2.21	-10.04	3.73	-1.58	-2.55	-17.50	15.82	-20.5261
941	4188	0.87	-3.54	1.05	0.01	0.02	0.54	1.56	-7.62	0.31	-1.62	-1.17	1.30	-1.94	-1.81	2.30	-0.76	-4.98	-5.04	-20.5161	
942	1654	1.38	-13.00	2.34	0.01	1.06	3.19	-0.94	-5.33	3.25	1.66	-3.35	-2.81	1.35	-1.08	-1.58	-3.95	10.05	-12.75	-20.5031	
943	2516	-0.93	5.53	-2.85	-11.11	-0.68	-1.58	1.56	0.63	-4.13	-0.16	3.17	-2.49	-6.94	-1.42	3.41	-2.89	-7.48	7.89	-20.4828	
944	4813	-0.60	-6.04	0.19	5.58	0.36	-1.58	-0.34	-2.77	0.13	0.20	-2.19	6.00	-2.13	3.43	-0.47	-2.77	-12.49	-4.99	-20.4738	
945	3493	-0.21	-2.20	1.31	5.58	0.02	-1.05	-0.34	-3.63	2.45	-1.98	-1.82	1.30	0.48	-1.53	-0.47	-1.79	-12.49	-4.09	-20.4662	
946	2648	-0.93	-3.11	-0.39	5.58	-0.33	-1.05	1.56	-8.93	-0.14	-1.25	-0.64	1.30	-2.44	-2.51	3.41	-1.59	-4.98	-4.03	-20.4513	
947	2082	-1.35	6.93	-0.52	5.58	-0.68	-1.05	-0.34	-5.55	0.17	-3.80	-2.70	1.30	-2.09	-4.69	-1.03	-3.14	-9.99	2.50	-20.4393	
948	190	0.03	-11.85	1.34	-5.55	0.02	1.07	-0.94	-6.55	1.41	2.02	-1.87	-2.81	-0.70	-0.02	-1.58	-1.00	15.06	-8.51	-20.4302	
949	2923	0.35	-7.94	1.84	-5.55	-1.72	3.19	1.09	-7.54	2.66	-1.98	-2.99	0.10	0.70	-3.25	1.75	0.40	2.54	-4.09	-20.4230	
950	1970	-0.59	3.65	-1.70	0.01	-0.33	-1.05	-0.34	5.55	-3.16	-0.89	0.98	-2.49	-5.84	-3.16	-1.03	-4.85	-9.99	4.79	-20.4116	
951	1840	0.44	-3.15	-1.41	0.01	-1.02	-1.58	-0.34	-2.73	-2.40	1.66	2.10	-2.49	-4.98	-0.23	-0.47	-3.96	-2.47	2.61	-20.4029	
952	4080	0.28	6.52	-3.43	-11.11	-0.33	-1.58	1.56	1.70	-4.82	-0.89	2.36	-2.49	-7.72	-0.14	3.41	-3.70	-9.99	10.00	-20.3728	
953	3630	1.93	-17.24	3.79	-11.11	1.75	0.01	-0.34	0.07	5.70	-0.16	-1.59	1.30	4.14	1.04	-1.03	-0.80	5.04	-12.87	-20.3645	
954	4757	-1.37	4.24	-0.14	-5.55	0.02	-3.70	-0.34	-3.28	0.65	-1.25	-1.57	6.00	-1.54	3.07	-0.47	-1.18	-15.00	1.12	-20.2942	
955	3573	-0.21	-1.21	0.73	5.58	0.02	0.01	-0.34	-3.63	1.75	-2.34	-2.64	1.30	-0.30	-1.68	-0.47	-2.40	-12.49	-1.98	-20.2924	
956	4436	1.41	-9.97	1.19	-5.55	-1.37	2.13	1.09	-6.68	-0.08	0.93	-0.87	0.10	-2.39	1.08	2.30	0.43	0.03	-4.09	-20.2868	
957	1206	-1.21	-4.00	0.18	5.58	-0.33	-1.58	1.56	-7.84	0.13	-3.07	-2.50	1.30	-2.13	-4.69	2.86	-4.59	5.04	-4.99	-20.2851	
958	2728	-0.93	-2.12	-0.96	5.58	-0.33	0.01	1.56	-8.93	-0.83	-1.62	-1.45	1.30	-3.22	-2.66	3.41	-2.20	-4.98	-1.92	-20.2774	
959	4881	0.55	-19.27	3.80	-11.11	2.10	-1.05	-0.34	1.26	5.76	-0.16	-3.09	6.00	4.21	5.30	-0.47	-3.43	2.54	-12.87	-20.2709	
960	532	-1.31	-9.22	0.85	5.58	0.02	-1.05	-0.34	-6.17	1.39	-0.53	-0.89	1.30	-0.71	-2.33	-0.47	-0.42	2.54	-8.51	-20.2677	
961	1918	-0.82	10.41	-3.34	0.01	-1.02	-2.64	-0.34	3.46	-5.23	-1.62	1.56	-2.49	-8.17	-3.49	-1.03	-6.23	-9.99	10.68	-20.2672	
962	6106	0.16	1.86	-0.49	-5.55	0.71	-1.58	-0.94	6.43	0.36	-0.53	-3.80	2.65	-1.86	0.98	-1.58	-7.17	-12.49	2.57	-20.2565	
963	2974	0.48	-9.04	3.49	-11.11	0.71	-3.17	-0.94	-3.74	5.05	4.57	2.57	15.71	-18.95	9.17	-1.58	-4.64	0.03	-8.84	-20.2384	
964	2668	-0.34	-5.18	2.02	0.01	0.02	0.01	1.56	-7.67	1.49	-0.89	-0.69	1.30	-0.61	-3.17	2.30	0.64	-2.47	-8.56	-20.2133	
965	4429	1.51	-7.78	0.08	-5.55	-1.37	0.01	1.09	-5.90	-0.20	1.29	-1.30	0.10	-2.51	1.07	3.41	-2.68	2.54	-4.03	-20.2017	
966	17	-0.67	-17.10	4.61	-11.11	1.40	-2.11	-0.94	-3.65	5.73	1.66	-3.73	15.71	-11.47	1.37	-1.03	-3.57	17.57	-12.87	-20.1898	
967	1490	-0.73	-9.04	3.49	-11.11	0.36	-2.11	-0.94	-4.81	5.04	4.93										

970	2938	1.04	-7.80	2.49	-11.11	-1.37	3.19	1.09	-5.49	4.16	-1.25	-3.47	0.10	2.39	-2.93	2.86	-3.03	7.55	8.56	-20.1461
971	3221	0.38	6.58	-2.29	0.01	-0.68	-2.64	-0.34	-0.27	-3.96	-0.53	0.66	-0.27	-2.49	-6.74	-0.61	-0.47	-6.12	-7.48	-20.1339
972	329	-0.82	-2.25	0.30	0.01	-1.02	-2.64	-0.34	-1.30	0.24	-2.34	-0.90	-2.49	-2.00	-3.12	-0.47	-8.60	5.04	2.54	-20.1327
973	4837	-1.37	5.23	-0.72	-5.55	0.02	-2.64	-0.34	-3.28	-0.05	-1.62	-2.38	6.00	-2.32	2.92	-0.47	-1.79	-15.00	3.23	-20.1203
974	3409	0.32	2.27	-2.08	0.01	-0.33	-1.58	-0.34	5.38	-3.64	-0.16	1.62	-2.49	-6.38	-0.48	-0.47	-5.48	-12.49	6.19	-20.1203
975	1819	0.82	-7.23	0.49	0.01	-0.68	1.60	-0.34	-1.44	1.93	-0.89	-0.28	-2.49	-0.11	-2.73	-1.03	-3.40	-2.47	-1.88	-20.1114
976	1150	-1.97	6.28	-0.14	-5.55	-0.68	-3.70	1.56	-8.35	0.64	-4.53	-1.89	1.30	-1.55	-5.05	2.86	-2.99	2.54	1.12	-20.1054
977	612	-1.31	-8.23	0.28	5.58	0.02	0.01	-0.34	-6.17	0.70	-0.89	-1.70	1.30	-1.49	-2.48	-0.47	-1.03	2.54	-6.40	-20.0938
978	1274	-0.05	-17.24	3.80	-11.11	1.40	-1.05	1.56	-3.80	5.75	-3.43	-3.40	1.30	4.20	-2.82	2.86	-5.24	20.07	-12.87	-20.0821
979	4917	0.83	-9.84	2.31	-11.11	0.36	0.01	-0.34	-2.57	4.11	1.66	-1.35	6.00	2.36	4.52	-0.47	-0.51	-7.48	-8.56	-20.0692
980	4903	0.43	-7.94	1.66	-5.55	0.02	1.07	-0.34	-4.40	2.61	-0.16	-1.18	6.00	0.66	3.02	-2.14	2.75	-12.49	-4.09	-20.0681
981	2299	1.23	-9.36	2.82	-11.11	-1.37	5.31	-0.80	-4.62	4.24	-0.16	-2.66	0.10	2.48	-2.81	-2.14	2.32	5.04	-8.56	-20.0525
982	1065	-1.74	8.72	-3.53	-11.11	-1.02	-5.29	1.56	0.44	-5.44	-1.62	1.87	-2.49	-8.40	-2.82	3.41	-6.53	2.54	11.40	-20.0505
983	2748	-0.34	-4.19	1.44	0.01	0.02	1.07	1.56	-7.67	0.79	-1.25	-1.50	1.30	-1.39	-3.32	2.30	0.03	-2.47	-6.45	-20.0395
984	2293	1.27	-15.03	2.32	0.01	-0.33	3.19	-0.80	-2.99	3.17	2.02	-3.03	0.10	1.25	-1.25	-0.47	-4.27	7.55	-12.75	-20.0362
985	511	-1.78	4.72	0.20	-5.55	-0.68	-1.58	-0.34	-7.49	0.72	-3.43	-1.08	1.30	-1.46	-4.94	-2.14	2.35	0.03	1.12	-20.0119
986	2845	-0.77	0.41	-1.10	-5.55	-1.72	-1.05	1.09	-6.97	-1.67	0.20	-1.93	0.10	-4.17	-1.32	3.41	-1.74	2.54	0.22	-19.9954
987	4812	-0.94	-2.12	0.05	5.58	0.02	-1.58	-0.34	-4.62	-1.32	-0.89	-1.50	6.00	-3.77	3.05	-1.58	-0.45	-15.00	-0.57	-19.9928
988	635	0.14	-18.79	4.14	-11.11	1.40	1.07	-0.34	-2.94	5.83	-2.34	-2.59	1.30	4.29	-2.71	-2.14	0.10	17.57	-12.87	-19.9886
989	3332	1.88	-9.26	-0.16	0.01	-0.33	0.54	-0.34	-0.59	-0.82	2.02	1.85	-2.49	-3.20	1.60	-0.47	-3.37	-4.98	-1.88	-19.9752
990	829	-0.07	-13.89	1.32	-5.55	-1.37	1.07	-0.80	-4.21	1.32	2.38	-1.55	0.10	-0.80	-0.18	-0.47	-1.32	12.56	-8.51	-19.9632
991	560	-1.55	-1.47	-1.37	5.58	-0.68	-1.58	-0.34	-8.26	-1.37	-1.62	-1.12	1.30	-3.82	-2.80	-0.47	-2.41	2.54	-0.51	-19.9495
992	4778	-0.30	-5.64	1.15	5.58	0.71	-2.11	-0.34	-1.53	1.31	-0.53	-2.02	6.00	-0.80	2.32	-1.03	-1.73	-12.49	-8.51	-19.9451
993	1230	-1.97	7.26	-0.72	-5.55	-0.68	-2.64	1.56	-8.35	-0.05	-4.89	-2.70	1.30	-2.33	-5.20	2.86	-3.60	2.54	3.23	-19.9316
994	1310	0.22	-7.80	2.31	-11.11	-0.33	0.01	1.56	-7.64	4.11	-1.62	-1.66	1.30	2.35	-3.60	2.86	-2.33	10.05	-8.56	-19.8804
995	1869	-1.65	12.55	-2.41	-11.11	-1.02	-2.64	-0.34	3.80	-3.13	-1.25	2.23	-2.49	-5.80	-2.27	-0.47	-3.69	-12.49	12.31	-19.8768
996	551	-1.25	0.89	-0.93	-5.55	-0.68	-1.05	-0.34	-8.04	1.10	-2.34	-1.44	1.30	-1.04	-3.78	-1.03	1.54	2.54	0.22	-19.8734
997	182	-0.20	-5.74	0.09	-5.55	-0.33	-1.05	-0.94	-7.62	-0.16	1.29	-1.61	-2.81	-2.47	-0.41	-1.58	-1.79	15.06	-4.03	-19.8641
998	2001	-1.65	3.91	0.06	5.58	-0.68	-2.11	-0.34	-5.76	0.87	-2.34	-1.57	1.30	-1.30	-3.36	-0.47	-2.38	-9.99	0.39	-19.8453
999	591	-1.78	5.71	-0.38	-5.55	-0.68	-0.52	-0.34	-7.49	0.03	-3.80	-1.89	1.30	-2.25	-5.09	-2.14	1.74	0.03	3.23	-19.8380
1000	3143	2.24	-9.36	2.85	-11.11	0.36	4.25	-0.94	-6.12	4.34	0.20	-2.66	-2.81	2.60	-0.04	-2.69	2.58	5.04	-8.56	-19.8131
1001	3778	2.77	-13.00	2.32	0.01	0.02	3.19	-0.80	-1.70	3.17	0.57	-3.35	0.10	1.25	-1.00	-1.03	-4.62	5.04	-12.75	-19.8103
1002	3137	2.28	-15.03	2.35	0.01	1.40	2.13	-0.94	-4.48	3.27	2.38	-3.03	-2.81	1.37	1.53	-1.03	-4.00	7.55	-12.75	-19.7968
1003	671	0.41	-9.36	2.65	-11.11	-0.33	2.13	-0.34	-6.78	4.19	-0.53	-0.85	1.30	2.43	-3.48	-2.14	3.02	7.55	-8.56	-19.7869
1004	4858	-0.30	-4.65	0.58	5.58	0.71	-1.05	-0.34	-1.53	0.62	-0.89	-2.83	6.00	-1.58	2.18	-1.03	-2.34	-12.49	-6.40	-19.7713
1005	665	0.46	-15.03	2.15	0.01	0.71	0.01	-0.34	-5.14	3.12	1.66	-1.22	1.30	1.21	-1.92	-0.47	-3.57	10.05	-12.75	-19.7705
1006	4330	0.73	2.44	-1.10	-5.55	-1.37	-1.05	1.09	-5.68	-1.67	-1.25	-2.25	0.10	-4.17	-1.07	2.86	-2.09	0.03	0.22	-19.7695
1007	3433	-0.45	13.54	-2.99	-11.11	-0.68	-2.64	-0.34	4.87	-3.82	-1.98	1.42	-2.49	-6.58	-0.99	-0.47	-4.50	-15.00	14.42	-19.7668
1008	1659	1.04	-9.36	2.85	-11.11	0.02	5.31	-0.94	-7.18	4.33	0.57	-2.66	-2.81	2.58	-1.47	-2.69	2.79	7.55	-8.56	-19.7516
1009	1653	1.08	-15.03	2.34	0.01	1.06	3.19	-0.94	-5.55	3.26	2.75	-3.03	-2.81	1.36	0.10	-1.03	-3.80	10.05	-12.75	-19.7352
1010	4428	1.17	-3.86	-0.06	-5.55	-1.72	0.01	1.09	-7.75	-1.66	0.20	-0.61	0.10	-4.15	0.69	2.30	-0.36	0.03	0.39	-19.7206
1011	580	-0.96	-3.54	1.04	0.01	-0.33	-0.52	-0.34	-6.99	0.26	-1.25	-1.17	1.30	-1.99	-3.46	-1.58	-0.19	5.04	-5.04	-19.7116
1012	2486	0.78	-5.68	0.14	0.01	-0.68	-0.52	1.56	-2.31	-0.90	0.20	0.72	-2.49	-3.30	-2.12	2.86	-6.14	0.03	-1.88	-19.6898
1013	2172	-0.57	-2.78	-0.43	-5.55	-1.37	0.54	-0.80	-5.08	-0.41	1.66	-0.64	0.10	-2.75	-0.13	-0.47	2.27	0.03	-3.30	-19.6870
1014	5046	0.44	-6.38	1.49	-5.55	-1.02	0.01	-0.80	-1.42	2.53	-0.89	-3.80	4.80	0.57	3.36	-1.03	-2.91	-4.98	-4.09	-19.6748
1015	2081	-1.65	4.90	-0.52	5.58	-0.68	-1.05	-0.34	-5.76	0.17	-2.71	-2.38	1.30	-2.08	-3.51	-0.47	-2.99	-9.99	2.50	-19.6714
1016	189	-0.26	-13.89	1.34	-5.55	0.02	1.07	-0.94	-6.77	1.42	3.11	-1.55	-2.81	-0.69	1.17	-1.03	-0.85	15.06	-8.51	-19.6623
1017	3220	0.04	10.50	-2.43	0.01	-1.02	-2.64	-0.34	-2.12	-5.42	-1.62	1.34	-2.49	-8.38	-0.99	-1.58	-3.80	-9.99	11.27	-19.6529
1018	3354	-0.15	14.58	-2.41	-11.11	-0.68	-2.64	-0.34	5.09	-3.13	-2.71	1.92	-2.49	-5.80	-2.03	-1.03	-4.04	-15.00	12.31	-19.6509
1019	1969	-0.88	1.62	-1.69	0.01	-0.33	-1.05	-0.34	5.34	-3.15	0.20	1.29	-2.49	-5.83	-1.98	-0.47	-4.70	-9.99	4.79	-19.6437
1020	3408	-0.02	6.19	-2.22	0.01	-0.68	-1.58	-0.34	3.53	-5.09	-1.25	2.30	-2.49	-8.02	-0.86	-1.58	-3.16	-15.00	10.61	-19.6392
1021	4806	-0.54	2.11	-1.07	5.58	0.02	-2.64	-0.34	-3.62	-1.45	-1.62	-2.25	6.00	-3.91	1.85	-1.03	-3.72	-12.49	-0.51	-19.6269
1022	3486	-0.15	5.94	0.06	5.58	-0.33	-2.11	-0.34	-4.48	0.86	-3.80	-1.89	1.30	-1.30	-3.11	-1.03	-2.74	-12.49	0.39	-19.6193
1023	3629	1.63	-19.27	3.79	-11.11	1.75	0.01	-0.34	-0.15	5.70	0.93	-1.28	1.30	4.15	2.22	-0.47	-0.65	5.04	-12.87	-19.5966
1024	1064	-2.08	12.63	-3.67	-11.11	-1.37	-5.29	1.56	-1.41	-6.89	-2.71	2.56	-2.49	-10.04	-3.20	2.30	-4.21	0.03	15.82	-19.5695
1025	472	-1.55	6.52	-3.44	-11.11	-0.68	-2.64	-0.34	2.33	-4.87	-0.53	2.36	-2.49	-7.77	-1.79	-0.47	-3.13	0.03	10.00	-19.5682
1026	1702	-0.53	6.98	-1.32	0.01	-0.68	-2.11	-0.34	-0.10	-2.79	-0.89	0.83	-2.49	-5.42	-3.15	-1.03	-4.88	-4.98	3.33	-19.5401
1027	1890	-0.59	2.66	-1.12	0.01	-0.33	-1.05	-0.34	5.55	-2.46	-0.53	1.79	-2.49	-5.06	-3.02	-1.03	-4.24	-9.99	2.68	-19.5277
1028	1205	-1.50	-6.04	0.19	5.58	-0.33	-1.58	1.56	-8.06	0.13	-1.98	-2.19	1.30	-2.13	-3.51	3.41	-4.43	5.04	-4.99	-19.5171
1029	2844	-1.10	4.33	-1.23	-5.55	-2.06	-1.05	1.09	-8.82	-3.13	-0.89	-1.25	0.10	-5.81	-1.70	2.30	0.58	0.03	4.64	-19.5144
1030	2252	-0.57	-1.79	-1.01	-5.55	-1.37	1.60	-0.80	-5.08	-1.10	1.29	-1.45	0.10	-3.53	-0.28	-0.47	1.66	0.03	-1.19	-19.5131
1031	4895	0.20	-1.83	0.41	-5.55	-0.33	-1.05	-0.34	-5.47	1.03	-0.89	-0.93	6.00	-1.11	2.63	-2.14	1.96	-12.49	0.39	-19.5020
1032	1917	-1.12	8.38	-3.34	0.01	-1.02	-2.64	-0.34	3.24	-5.22	-0.53									

1035	828	-0.41	-9.97	1.18	-5.55	-1.72	1.07	-0.80	-6.06	0.18	1.29	-0.87	0.10	-2.44	-0.56	-1.58	1.00	10.05	4.09	10.05	-19.4822
1036	2973	0.18	-11.08	3.49	-11.11	0.71	-3.17	-0.94	-3.96	5.05	5.66	2.88	15.71	-18.94	10.35	-1.03	-4.49	0.03	-8.84	0.03	-19.4705
1037	4132	0.28	-3.11	-0.38	5.58	0.02	-1.05	1.56	-7.86	-0.13	-1.62	-0.64	1.30	-2.43	-1.08	3.41	-1.79	-7.48	-4.03	-19.4574	
1038	3016	0.44	-2.78	-0.41	-5.55	0.36	-0.52	-0.94	-6.58	-0.31	2.02	-0.64	-2.81	-2.63	2.64	-1.03	2.54	0.03	-3.30	-19.4476	
1039	3566	-0.15	6.93	-0.52	5.58	-0.33	-1.05	-0.34	-4.48	0.17	-4.16	-2.70	1.30	-2.08	-3.26	-1.03	-3.35	-12.49	2.50	-19.4455	
1040	4407	1.55	-7.94	1.84	-5.55	-1.37	3.19	1.09	-6.47	2.67	-2.34	-2.99	0.10	0.71	-1.82	1.75	0.20	0.03	-4.09	-19.4292	
1041	3454	0.62	3.65	-1.69	0.01	0.02	-1.05	-0.34	6.62	-3.15	-1.25	0.98	-2.49	-5.83	-1.73	-1.03	-5.05	-12.49	4.79	-19.4177	
1042	3324	1.65	-3.15	-1.41	0.01	-0.68	-1.58	-0.34	-1.66	-2.39	1.29	2.10	-2.49	-4.97	1.20	-0.47	-4.16	-4.98	2.61	-19.4090	
1043	1489	-1.02	-11.08	3.49	-11.11	0.36	-2.11	-0.94	-5.03	5.05	6.02	2.88	15.71	-18.95	8.92	-1.03	-4.29	2.54	-8.84	-19.4090	
1044	821	-0.31	-7.78	0.07	-5.55	-1.72	-1.05	-0.80	-5.28	-0.25	1.66	-1.30	0.10	-2.56	-0.58	-0.47	-2.11	12.56	-4.03	-19.3971	
1045	1532	-0.76	-2.78	-0.41	-5.55	0.02	0.54	-0.94	-7.65	-0.32	2.38	-0.64	-2.81	-2.65	1.21	-1.03	2.74	2.54	-3.30	-19.3860	
1046	2937	0.74	-9.84	2.49	-11.11	-1.37	3.19	1.09	-5.71	4.17	-0.16	-3.16	0.10	2.40	-1.75	3.41	-2.87	7.55	-8.56	-19.3782	
1047	1782	-0.53	7.96	-1.90	0.01	-0.68	-1.05	-0.34	-0.10	-3.48	-1.25	0.02	-2.49	-6.20	-3.29	-1.03	-5.49	-4.98	5.45	-19.3662	
1048	1149	-2.27	4.24	-0.14	-5.55	-0.68	-3.70	1.56	-8.57	0.65	-3.43	-1.57	1.30	-1.54	-3.87	3.41	-2.84	2.54	1.12	-19.3375	
1049	1824	0.76	-14.65	2.48	-5.55	1.06	-0.52	-0.34	2.38	0.87	0.20	0.31	-2.49	-1.30	-0.11	-1.58	-4.66	10.05	-6.23	-19.3180	
1050	2639	-0.63	-0.74	0.05	-5.55	-0.33	0.54	1.56	-8.72	2.33	-1.98	-0.95	1.30	0.34	-3.49	2.86	2.36	-4.98	-3.30	-19.3162	
1051	1273	-0.35	-19.27	3.80	-11.11	1.40	-1.05	1.56	-4.02	5.76	-2.34	-3.09	1.30	4.21	-1.64	3.41	-5.09	20.07	-12.87	-19.3142	
1052	4212	0.28	-2.12	-0.96	5.58	0.02	0.01	1.56	-7.86	-0.83	-1.98	-1.45	1.30	-3.22	-1.23	3.41	-2.40	-7.48	-1.92	-19.2836	
1053	3096	0.44	-1.79	-0.98	-5.55	0.36	0.54	-0.94	-6.58	-1.00	1.66	-1.45	-2.81	-3.42	2.49	-1.03	1.93	0.03	-1.19	-19.2737	
1054	3402	0.38	10.41	-3.34	0.01	-0.68	-2.64	-0.34	4.53	-5.22	-1.98	1.56	-2.49	-8.16	-2.06	-1.03	-6.43	-12.49	10.68	-19.2734	
1055	4718	-0.54	10.10	-3.14	-11.11	0.02	-3.70	-0.34	6.96	-4.95	-0.53	1.23	2.21	-7.86	2.86	-1.03	-4.44	-15.00	10.00	-19.2457	
1056	4152	0.87	-5.18	2.02	0.01	0.36	0.01	1.56	-6.60	1.49	-1.25	-0.69	1.30	-0.60	-1.74	2.30	0.43	-4.98	-8.56	-19.2195	
1057	1612	-0.76	-1.79	-0.99	-5.55	0.02	1.60	-0.94	-7.65	-1.01	2.02	-1.45	-2.81	-3.43	1.06	-1.03	2.13	2.54	-1.19	-19.2122	
1058	188	-0.60	-9.97	1.20	-5.55	-0.33	1.07	-0.94	-8.62	-0.04	2.02	-0.87	-2.81	-2.33	0.78	-2.14	1.47	12.56	-4.09	-19.1812	
1059	2062	-0.23	0.05	1.33	0.01	-0.33	0.54	-0.34	-4.84	2.86	-1.98	-2.30	1.30	0.95	-4.04	-1.03	-1.13	-4.98	-5.04	-19.1778	
1060	4777	-0.60	-7.67	1.15	5.58	0.71	-2.11	-0.34	-1.75	1.32	0.57	-1.70	6.00	-0.79	3.51	-0.47	-1.58	-12.49	-8.51	-19.1772	
1061	1229	-2.27	5.23	-0.72	-5.55	-0.68	-2.64	1.56	-8.57	-0.05	-3.80	-2.38	1.30	-2.33	-4.02	3.41	-3.45	2.54	3.23	-19.1636	
1062	1968	-1.22	5.54	-1.83	0.01	-0.68	-1.05	-0.34	3.48	-4.61	-0.89	1.98	-2.49	-7.48	-2.36	-1.58	-2.38	-12.49	9.21	-19.1626	
1063	4422	2.24	-7.80	2.49	-11.11	-1.02	3.19	1.09	-4.42	4.17	-1.62	-3.47	0.10	2.40	-1.50	2.86	-3.23	5.04	-8.56	-19.1522	
1064	2719	-0.63	0.24	-0.53	-5.55	-0.33	1.60	1.56	-8.72	1.64	-2.34	-1.76	1.30	-0.44	-3.63	2.86	1.75	-4.98	-1.19	-19.1424	
1065	2478	0.55	0.43	-1.11	0.01	-1.02	-2.64	1.56	-3.38	-2.48	-0.53	0.98	-2.49	-5.07	-2.52	2.86	-6.93	0.03	2.61	-19.1236	
1066	3303	2.02	-7.23	0.49	0.01	-0.33	1.60	-0.34	-0.37	1.93	-1.25	-0.28	-2.49	-0.11	-1.30	-1.03	-3.60	-4.98	-1.88	-19.1176	
1067	1860	1.03	-5.22	0.99	-5.55	-0.68	0.54	-0.34	-1.46	-0.77	2.02	2.05	-2.49	-3.15	-0.89	-1.58	-1.74	0.03	-1.92	-19.1163	
1068	1309	-0.07	-9.84	2.31	-11.11	-0.33	0.01	1.56	-7.86	4.11	-0.53	-1.35	1.30	2.36	-2.42	3.41	-2.17	10.05	-8.56	-19.1125	
1069	1295	-0.47	-7.94	1.66	-5.55	-0.68	1.07	1.56	-9.69	2.61	-2.34	-1.18	1.30	0.66	-3.92	1.75	1.09	5.04	-4.09	-19.1114	
1070	181	-0.50	-7.78	0.09	-5.55	-0.33	-1.05	-0.94	-7.84	-0.16	2.38	-1.30	-2.81	-2.46	0.77	-1.03	-1.64	15.06	-4.03	-19.0962	
1071	3783	2.43	-9.36	2.83	-11.11	-1.02	5.31	-0.80	-3.55	4.25	-0.53	-2.66	0.10	2.49	-1.38	-2.14	2.12	2.54	-8.56	-19.0587	
1072	4232	0.87	-4.19	1.44	0.01	0.36	1.07	1.56	-6.60	0.80	-1.62	-1.50	1.30	-1.38	-1.88	2.30	-0.17	-4.98	-6.45	-19.0457	
1073	3777	2.47	-15.03	2.32	0.01	0.02	3.19	-0.80	-1.92	3.17	1.66	-3.03	0.10	1.26	0.18	-0.47	-4.47	5.04	-12.75	-19.0423	
1074	1204	-1.84	-2.12	0.05	5.58	-0.68	-1.58	1.56	-9.91	-1.32	-3.07	-1.50	1.30	-3.77	-3.89	2.30	-2.12	2.54	-0.57	-19.0361	
1075	2546	-1.35	16.22	-3.37	-11.11	-1.37	-4.23	1.56	0.74	-4.29	-3.43	1.43	-2.49	-7.11	-3.78	2.86	-5.15	-9.99	15.82	-19.0357	
1076	1916	-1.46	12.30	-3.47	0.01	-1.37	-2.64	-0.34	1.39	-6.67	-1.62	2.56	-2.49	-9.80	-2.69	-1.58	-3.76	-12.49	15.10	-19.0183	
1077	4857	-0.60	-6.68	0.58	5.58	0.71	-1.05	-0.34	-1.75	0.63	0.20	-2.51	6.00	-1.57	3.36	-0.47	-2.19	-12.49	-6.40	-19.0034	
1078	4329	0.44	0.41	-1.10	-5.55	-1.37	-1.05	1.09	-5.90	-1.66	-0.16	-1.93	0.10	-4.16	0.11	3.41	-1.94	0.03	0.22	-19.0016	
1079	1170	-1.21	-5.64	1.15	5.58	0.02	-2.11	1.56	-6.82	1.31	-2.71	-2.02	1.30	-0.80	-4.61	2.86	-3.39	5.04	-8.51	-18.9884	
1080	722	-1.09	2.44	-1.11	-5.55	-1.72	-2.11	-0.80	-5.06	-1.72	-0.89	-2.25	0.10	-4.22	-2.72	-1.03	-1.52	10.05	0.22	-18.9649	
1081	2310	0.31	-6.38	1.48	-5.55	-1.72	2.13	-0.80	-3.90	2.48	0.57	-1.99	0.10	0.50	-1.14	-1.03	0.06	0.03	-4.09	-18.9484	
1082	1907	-1.16	14.67	-3.03	-11.11	-1.37	-2.11	-0.34	1.61	-4.20	-2.34	2.24	-2.49	-7.02	-3.67	-2.14	0.19	-12.49	15.82	-18.9422	
1083	2485	0.49	-7.72	0.14	0.01	-0.68	-0.52	1.56	-2.52	-0.89	1.29	1.04	-2.49	-3.29	-0.94	3.41	-5.98	0.03	-1.88	-18.9218	
1084	820	-0.65	-3.86	-0.07	-5.55	-2.06	-1.05	-0.80	-7.13	-1.71	0.57	-0.61	0.10	-4.21	-0.96	-1.58	0.21	10.05	0.39	-18.9161	
1085	5045	0.14	-8.42	1.49	-5.55	-1.02	0.01	-0.80	-1.64	2.54	0.20	-3.49	4.80	0.58	4.54	-0.47	-2.76	-4.98	-4.09	-18.9069	
1086	3353	-0.45	12.55	-2.41	-11.11	-0.68	-2.64	-0.34	4.87	-3.12	-1.62	2.23	-2.49	-5.80	-0.84	-0.47	-3.89	-15.00	12.31	-18.8830	
1087	4805	-0.84	0.07	-1.06	5.58	0.02	-2.64	-0.34	-3.84	-1.44	-0.53	-1.93	6.00	-3.90	3.03	-0.47	-3.57	-12.49	-0.51	-18.8590	
1088	3485	-0.45	3.91	0.06	5.58	-0.33	-2.11	-0.34	-4.70	0.87	-2.71	-1.57	1.30	-1.29	-1.93	-0.47	-2.58	-12.49	0.39	-18.8514	
1089	1250	-1.21	-4.65	0.58	5.58	0.02	-1.05	1.56	-6.82	0.62	-3.07	-2.83	1.30	-1.58	-4.76	2.86	-4.00	5.04	-6.40	-18.8146	
1090	1962	-0.82	9.76	-2.95	0.01	-0.68	-2.11	-0.34	4.48	-4.73	-1.62	1.23	-2.49	-7.62	-3.56	-1.03	-5.65	-9.99	9.27	-18.7968	
1091	4596	1.16	-5.22	1.01	-5.55	0.02	-0.52	-0.34	1.02	-0.71	0.57	0.24	2.21	-3.08	3.61	-1.58	-4.73	-4.98	-1.92	-18.7967	
1092	2956	0.74	-15.43	1.03	-5.55	-1.37	3.19	1.09	-7.29	1.48	2.75	-0.74	0.10	-0.63	0.89	3.41	1.01	5.04	-8.51	-18.7865	
1093	1701	-0.82	4.94	-1.32	0.01	-0.68	-2.11	-0.34	-0.32	-2.78	0.20	1.14	-2.49	-5.41	-1.96	-0.47	-4.73	-4.98	3.33	-18.7722	
1094	1889	-0.88	0.63	-1.12	0.01	-0.33	-1.05	-0.34	5.34	-2.46	0.57	2.10	-2.49	-5.05	-1.83	-0.47	-4.09	-9.99	2.68	-18.7598	
1095	1438	-0.47	-6.38	1.49	-5.55	-1.72	0.01	1.09	-6.71	2.53	-3.07	-3.80	0.10	0.57	-3.58	2.86	-4.58	12.56	-4.09	-18.7181	
1096	3154	1.32	-6.38	1.50	-5.55	0.02	1.07	-0.94	-5.39	2.58	0.93	-1.99	-2.81	0.62	1.63	-1.58	0.33	0.03	-4.09	-18.7090	
1097	4776	-0.94	-3.76	1.02	5.58	0.36															

1100	392	-1.55	5.53	-2.86	-11.11	-0.68	-2.64	-0.34	2.33	4.18	-0.16	3.17	-2.49	-6.99	-1.64	-0.47	-2.53	0.03	7.89	-18.6844
1101	3565	-0.45	4.90	-0.52	5.58	-0.33	-1.05	-0.34	-4.70	0.18	-3.07	-2.38	1.30	-2.08	-2.07	-0.47	-3.19	-12.49	2.50	-18.6776
1102	1198	-1.44	2.11	-1.07	5.58	-0.68	-2.64	1.56	-8.91	-1.45	-3.80	-2.25	1.30	-3.91	-5.09	2.86	-5.38	5.04	-0.51	-18.6702
1103	82	-1.28	2.44	-1.09	-5.55	-0.33	-2.11	-0.94	-7.62	-1.63	-0.16	-2.25	-2.81	-4.11	-1.37	-1.58	-1.05	12.56	0.22	-18.6640
1104	524	-1.55	-3.11	-0.40	5.58	-0.33	-2.11	-0.34	-7.24	-0.18	-1.25	-0.64	1.30	-2.48	-2.72	-0.47	-1.22	2.54	-4.03	-18.6529
1105	3453	0.32	1.62	-1.69	0.01	0.02	-1.05	-0.34	6.40	-3.14	-0.16	1.29	-2.49	-5.83	-0.55	-0.47	-4.90	-12.49	4.79	-18.6498
1106	1670	0.12	-6.38	1.50	-5.55	-0.33	2.13	-0.94	-6.46	2.57	1.29	-1.99	-2.81	0.60	0.20	-1.58	0.53	2.54	-4.09	-18.6474
1107	799	-0.27	-7.94	1.83	-5.55	-1.72	2.13	-0.80	-5.84	2.62	-1.98	-2.99	0.10	0.66	-3.46	-2.14	0.77	10.05	-4.09	-18.6246
1108	180	-0.84	-3.86	-0.05	-5.55	-0.68	-1.05	-0.94	-9.69	-1.61	1.29	-0.61	-2.81	-4.10	0.39	-2.14	0.68	12.56	0.39	-18.6151
1109	1781	-0.82	5.93	-1.90	0.01	-0.68	-1.05	-0.34	-0.32	-3.48	-0.16	0.33	-2.49	-6.20	-2.11	-0.47	-5.34	-4.98	5.45	-18.5983
1110	2792	1.27	-16.58	1.87	0.01	0.71	2.13	1.56	-8.22	3.27	2.02	-0.41	1.30	1.37	-0.85	3.41	-1.24	2.54	-12.75	-18.5938
1111	3186	0.68	6.98	-1.32	0.01	-0.33	-2.11	-0.34	0.97	-2.78	-1.25	0.83	0.97	-5.41	-1.71	-1.03	-5.08	-7.48	3.33	-18.5462
1112	1287	-0.71	-1.83	0.41	-5.55	-1.02	-1.05	1.56	-10.76	1.03	-3.07	-0.93	1.30	-1.11	-4.31	1.75	0.30	5.04	0.39	-18.5453
1113	3374	0.62	2.66	-1.12	0.01	0.02	-1.05	-0.34	6.62	-2.46	-0.89	1.79	-2.49	-5.05	-1.58	-1.03	-4.44	-12.49	2.68	-18.5339
1114	4856	-0.94	-2.77	0.44	5.58	0.36	-1.05	-0.34	-3.60	-0.83	-0.89	-1.83	6.00	-3.21	2.98	-1.58	0.13	-15.00	-1.98	-18.5223
1115	4328	0.10	4.33	-1.23	-5.55	-1.72	-1.05	1.09	-7.75	-3.12	-1.25	-1.25	0.10	-5.80	-0.27	2.30	0.38	-2.47	4.64	-18.5205
1116	3736	0.63	-1.79	-1.01	-5.55	-1.02	1.60	-0.80	-4.01	-1.10	0.93	-1.45	0.10	-3.53	1.15	-0.47	1.46	-2.47	-1.19	-18.5193
1117	3401	0.08	8.38	-3.33	0.01	-0.68	-2.64	-0.34	4.31	-5.21	-0.89	1.87	-2.49	-8.15	-0.88	-0.47	-6.28	-12.49	10.68	-18.5055
1118	2686	-1.12	1.47	0.34	5.58	-0.68	-0.52	1.56	-7.75	1.28	-3.80	-2.63	1.30	-0.83	-4.47	2.86	-3.05	-7.48	-0.57	-18.5023
1119	604	-1.55	-2.12	-0.97	5.58	-0.33	-1.05	-0.34	-7.24	-0.88	-1.62	-1.45	1.30	-3.27	-2.87	-0.47	-1.83	2.54	-1.92	-18.4790
1120	4717	-0.84	8.07	-3.14	-11.11	0.02	-3.70	-0.34	6.75	-4.94	0.57	1.55	2.21	-7.85	4.05	-0.47	-4.29	-15.00	10.00	-18.4778
1121	2484	0.15	-3.80	0.01	0.01	-1.02	-0.52	1.56	-4.38	-2.35	0.20	1.72	-2.49	-4.93	-1.32	2.30	-3.67	-2.47	2.54	-18.4408
1122	544	-0.96	-5.18	2.00	0.01	0.02	-1.05	-0.34	-5.97	1.44	-0.89	-0.69	1.30	-0.65	-3.38	-1.58	1.00	5.04	-8.56	-18.4149
1123	2061	-0.53	-1.99	1.33	0.01	-0.33	0.54	-0.34	-5.05	2.87	-0.89	-1.98	1.30	0.96	-2.86	-0.47	-0.97	-4.98	-5.04	-18.4099
1124	2047	-0.93	-0.09	0.68	5.58	-0.68	1.60	-0.34	-6.88	1.37	-2.71	-1.82	1.30	-0.75	-4.35	-2.14	2.29	-9.99	-0.57	-18.4088
1125	2810	-0.47	0.81	-0.13	-5.55	-1.37	-0.52	1.09	-5.73	-0.49	-0.53	-1.76	0.10	-2.84	-2.42	2.86	-0.70	2.54	-3.30	-18.4077
1126	4421	1.94	-9.84	2.49	-11.11	-1.02	3.19	1.09	-4.64	4.17	-0.53	-3.16	0.10	2.41	-0.32	3.41	-3.08	5.04	-8.56	-18.3843
1127	2302	0.07	-0.27	0.23	-5.55	-2.06	0.01	-0.80	-4.97	0.90	-0.16	-1.74	0.10	-1.27	-1.54	-1.03	-0.73	0.03	0.39	-18.3823
1128	4804	-1.17	3.99	-1.20	5.58	-0.33	-2.64	-0.34	-5.69	-2.90	-1.62	-1.25	6.00	-5.54	2.65	-1.58	-1.25	-15.00	3.91	-18.3780
1129	3266	0.68	7.96	-1.90	0.01	-0.33	-1.05	-0.34	0.97	-3.48	-1.62	0.02	-2.49	-6.20	-1.86	-1.03	-5.69	-7.48	5.45	-18.3724
1130	4638	-0.54	9.11	-2.56	-11.11	0.02	-3.70	-0.34	6.96	-4.26	-0.16	2.04	2.21	-7.07	3.01	-1.03	-3.83	-15.00	7.89	-18.3618
1131	2477	0.25	-1.61	-1.11	0.01	-1.02	-2.64	1.56	-3.59	-2.47	0.57	1.29	-2.49	-5.06	-1.34	3.41	-6.77	0.03	2.61	-18.3557
1132	814	0.42	-7.80	2.48	-11.11	-1.37	2.13	-0.80	-3.79	4.11	-1.25	-3.47	0.10	2.35	-3.15	-1.03	-2.66	15.06	-8.56	-18.3476
1133	4770	-0.54	0.47	-0.10	5.58	0.36	-3.17	-0.34	-2.60	-0.26	-1.25	-1.76	6.00	-2.57	1.93	-1.03	-2.53	-12.49	-4.03	-18.3303
1134	3308	1.96	-14.65	2.48	-5.55	1.40	-0.52	-0.34	3.45	0.88	-0.16	0.31	-2.49	-1.29	1.32	-1.58	-4.86	7.55	-6.23	-18.3242
1135	159	-0.46	-7.94	1.85	-5.55	-0.33	2.13	-0.94	-8.40	2.71	-1.25	-2.99	-2.81	0.76	-2.12	-2.69	1.24	12.56	-4.09	-18.3236
1136	4123	0.57	-0.74	0.05	-5.55	0.02	0.54	1.56	-7.65	2.34	-2.34	-0.95	1.30	0.35	-2.05	2.86	2.16	-7.48	-3.30	-18.3224
1137	4795	-0.88	6.36	-0.76	-5.55	-0.33	-2.11	-0.34	-5.47	-0.43	-2.34	-1.56	6.00	-2.76	1.67	-2.14	2.70	-15.00	4.64	-18.3019
1138	1700	-1.16	8.86	-1.46	0.01	-1.02	-2.11	-0.34	-2.17	-4.24	-0.89	1.83	-2.49	-7.05	-2.35	-1.58	-2.41	-7.48	7.75	-18.2911
1139	1110	-1.44	10.10	-3.14	-11.11	-0.68	-3.70	1.56	1.68	-4.95	-2.71	1.23	-2.49	-7.86	-4.08	2.86	-6.10	2.54	10.00	-18.2890
1140	1888	-1.22	4.55	-1.25	0.01	-0.68	-1.05	-0.34	3.48	-3.91	-0.53	2.79	-2.49	-6.69	-2.22	-1.58	-1.77	-12.49	7.10	-18.2788
1141	2545	-1.65	14.19	-3.37	-11.11	-1.37	-4.23	1.56	0.53	-4.28	-2.34	1.75	-2.49	-7.10	-2.60	3.41	-5.00	-9.99	15.82	-18.2678
1142	624	-0.96	-4.19	1.43	0.01	0.02	0.01	-0.34	-5.97	0.75	-1.25	-1.50	1.30	-1.44	-3.53	-1.58	0.40	5.04	-6.45	-18.2411
1143	2890	-0.47	1.79	-0.71	-5.55	-1.37	0.54	1.09	-5.73	-1.18	-0.89	-2.57	0.10	-3.62	-2.57	2.86	-1.31	2.54	-1.19	-18.2339
1144	1169	-1.50	-7.67	1.15	5.58	0.02	-2.11	1.56	-7.04	1.32	-1.62	-1.70	1.30	-0.79	-3.43	3.41	-3.24	5.04	-8.51	-18.2205
1145	2948	0.50	-9.32	-0.21	-5.55	-1.72	1.07	1.09	-8.36	-0.10	2.02	-0.49	0.10	-2.40	0.49	3.41	0.22	5.04	-4.03	-18.2204
1146	721	-1.38	0.41	-1.11	-5.55	-1.72	-2.11	-0.80	-5.28	-1.71	0.20	-1.93	0.10	-4.21	-1.53	-0.47	-1.37	10.05	0.22	-18.1970
1147	3546	0.97	0.05	1.33	0.01	0.02	0.54	-0.34	-3.77	2.87	-2.34	-2.30	1.30	0.96	-2.61	-1.03	-1.33	-7.48	-5.04	-18.1839
1148	2309	0.02	-8.42	1.48	-5.55	-1.72	2.13	-0.80	-4.12	2.48	1.66	-1.68	0.10	0.51	0.04	-0.47	0.21	0.03	-4.09	-18.1805
1149	3452	-0.02	5.54	-1.83	0.01	-0.33	-1.05	-0.34	4.55	-4.60	-1.25	1.98	-2.49	-7.47	-0.93	-1.58	-2.58	-15.00	9.21	-18.1688
1150	4850	-0.54	1.46	-0.67	5.58	0.36	-2.11	-0.34	-2.60	-0.96	-1.62	-2.57	6.00	-3.35	1.78	-1.03	-3.14	-12.49	-1.92	-18.1565
1151	1740	-0.63	5.03	-2.58	0.01	-1.02	-1.58	-0.34	-2.73	-3.86	0.20	1.47	-2.49	-6.63	-1.19	-0.47	-3.22	-4.98	6.85	-18.1526
1152	4203	0.57	0.24	-0.52	-5.55	0.02	1.60	1.56	-7.65	1.64	-2.71	-1.76	1.30	-0.44	-2.20	2.86	1.55	-7.48	-1.19	-18.1485
1153	3146	1.09	-0.27	0.25	-5.55	-0.33	-1.05	-0.94	-6.46	1.00	0.20	-1.74	-2.81	-1.15	1.24	-1.58	-0.46	0.03	0.39	-18.1429
1154	1928	-0.69	0.72	-2.38	0.01	-0.68	-0.52	-0.34	2.93	-3.53	0.57	2.43	-2.49	-6.27	-1.06	-0.47	-2.58	-9.99	6.19	-18.1390
1155	3962	1.75	0.43	-1.11	0.01	-0.68	-2.64	1.56	-2.31	-2.47	-0.89	0.98	-2.49	-5.06	-1.09	2.86	-7.13	-2.47	2.61	-18.1298
1156	3344	2.24	-5.22	0.99	-5.55	-0.33	0.54	-0.34	-0.39	-0.76	1.66	2.05	-2.49	-3.14	0.54	-1.58	-1.94	-2.47	-1.92	-18.1224
1157	1780	-1.16	9.85	-2.04	0.01	-1.02	-1.05	-0.34	-2.17	-4.93	-1.25	1.02	-2.49	-7.84	-2.49	-1.58	-3.02	-7.48	9.87	-18.1173
1158	1662	-0.12	-0.27	0.25	-5.55	-0.68	0.01	-0.94	-7.53	0.99	0.57	-1.74	-2.81	-1.16	-0.19	-1.58	-0.26	2.54	0.39	-18.0813
1159	174	0.23	-7.80	2.50	-11.11	0.02	2.13	-0.94	-6.36	4.21	-0.53	-3.47	-2.81	2.45	-1.80	-1.58	-2.19	17.57	-8.56	-18.0467
1160	1249	-1.50	-6.68	0.58	5.58	0.02	-1.05	1.56	-7.04	0.63	-1.98	-2.51	1.30	-1.57	-3.58	3.41	-3.85	5.04	-6.40	-18.0467
1161	4030	-0.15	16.22	-3.37	-11.11	-1.02	-4.23	1.56	1.81	-4.28	-3.80	1.43	-2.49	-7.10	-2.35	2.86	-5.35	-12.49	15.82	-18.0418
1162	4676	-0.64	7.17	-3.82	-11.11	-0.33	-4.23	-0.34	4.34	-5.33	0.									

1165	4716	-1.17	11.98	-3.27	-11.11	-0.33	-3.70	-0.34	4.89	6.40	-0.53	2.23	2.21	-9.49	3.66	-1.58	-1.97	-17.50	14.42	-17.9967
1166	1826	1.51	-6.83	1.13	5.58	0.36	0.54	-0.34	0.61	0.90	-0.16	-0.76	-2.49	-1.29	-3.41	-1.03	-8.72	2.54	-6.12	-17.9643
1167	3794	1.51	-6.38	1.48	-5.55	-1.37	2.13	-0.80	-2.83	2.48	0.20	-1.99	0.10	0.51	0.29	-1.03	-0.14	-2.47	-4.09	-17.9546
1168	1437	-0.76	-8.42	1.49	-5.55	-1.72	0.01	1.09	-6.92	2.54	-1.98	-3.49	0.10	0.58	-2.40	3.41	-4.42	12.56	-4.09	-17.9502
1169	3391	0.04	14.67	-3.03	-11.11	-1.02	-2.11	-0.34	2.68	-4.20	-2.71	2.24	-2.49	-7.01	-2.24	-2.14	-0.01	-15.00	15.82	-17.9483
1170	3153	1.03	-8.42	1.50	-5.55	0.02	1.07	-0.94	-5.61	2.58	2.02	-1.68	-2.81	0.62	2.82	-1.03	0.48	0.03	-4.09	-17.9411
1171	2927	0.88	-13.40	1.68	-5.55	-1.37	4.25	1.09	-7.07	4.23	-0.53	-2.87	0.10	2.46	-2.01	2.86	0.78	5.04	-8.51	-17.9289
1172	3969	1.69	-7.72	0.14	0.01	-0.33	-0.52	1.56	-1.46	-0.89	0.93	1.04	-2.49	-3.28	0.49	3.41	-6.19	-2.47	-1.88	-17.9280
1173	1882	-0.82	8.77	-2.37	0.01	-0.68	-2.11	-0.34	4.48	-4.04	-1.25	2.04	-2.49	-6.83	-3.41	-1.03	-5.04	-9.99	7.16	-17.9129
1174	1197	-1.74	0.07	-1.06	5.58	-0.68	-2.64	1.56	-9.13	-1.44	-2.71	-1.93	1.30	-3.90	-3.90	3.41	-5.23	5.04	-0.51	-17.9023
1175	81	-1.57	0.41	-1.09	-5.55	-0.33	-2.11	-0.94	-7.84	-1.62	0.93	-1.93	-2.81	-4.11	-0.19	-1.03	-0.90	12.56	0.22	-17.8961
1176	362	0.17	-5.68	0.13	0.01	-0.68	-1.58	-0.34	-0.61	-0.95	0.20	0.72	-2.49	-3.34	-2.34	-1.03	-5.77	7.55	-1.88	-17.8913
1177	2026	-0.23	-1.59	2.30	0.01	0.02	0.01	-0.34	-3.81	4.05	-1.62	-1.81	1.30	2.29	-3.96	-1.03	0.07	-4.98	-8.56	-17.8811
1178	1669	-0.17	-8.42	1.50	-5.55	-0.33	2.13	-0.94	-6.68	2.58	2.38	-1.68	-2.81	0.61	1.39	-1.03	0.68	2.54	-4.09	-17.8795
1179	2476	-0.09	2.31	-1.24	0.01	-1.37	-2.64	1.56	-5.45	-3.93	-0.53	1.98	-2.49	-6.70	-1.72	2.30	-4.46	-2.47	7.03	-17.8747
1180	988	0.26	-5.22	1.01	-5.55	-0.68	-0.52	1.56	-4.27	-0.71	-1.62	0.24	-2.49	-3.08	-3.33	2.30	-6.39	12.56	-1.92	-17.8400
1181	4912	0.90	-20.82	3.50	-11.11	2.10	-1.05	-0.34	-0.12	3.12	2.38	-0.47	6.00	1.24	6.88	-1.58	1.88	2.54	-12.87	-17.8265
1182	3446	0.38	9.76	-2.94	0.01	-0.33	-2.11	-0.34	5.55	-4.73	-1.98	1.23	-2.49	-7.61	-2.13	-1.03	-5.85	-12.49	9.27	-17.8029
1183	4440	1.94	-15.43	1.04	-5.55	-1.02	3.19	1.09	-6.22	1.48	2.38	-0.74	0.10	-0.63	2.32	3.41	0.81	2.54	-8.51	-17.7927
1184	3185	0.38	4.94	-1.32	0.01	-0.33	-2.11	-0.34	0.75	-2.78	-0.16	1.14	-2.49	-5.41	-0.53	-0.47	-4.93	-7.48	3.33	-17.7783
1185	3373	0.32	0.63	-1.12	0.01	0.02	-1.05	-0.34	6.40	-2.45	0.20	2.10	-2.49	-5.04	-0.40	-0.47	-4.29	-12.49	2.68	-17.7660
1186	1168	-1.84	-3.76	1.02	5.58	-0.33	-2.11	1.56	-8.89	-0.14	-2.71	-1.02	1.30	-2.43	-3.81	2.30	-0.92	2.54	-4.09	-17.7394
1187	2685	-1.41	-0.57	0.35	5.58	-0.68	-0.52	1.56	-7.97	1.29	-2.71	-2.31	1.30	-0.82	-3.29	3.41	-2.90	-7.48	-0.57	-17.7344
1188	720	-1.72	4.33	-1.24	-5.55	-2.06	-2.11	-0.80	-7.13	-3.17	-0.89	-1.25	0.10	-5.85	-1.92	-1.58	0.95	7.55	4.64	-17.7159
1189	2106	-0.23	-0.60	1.72	0.01	0.02	1.07	-0.34	-3.81	3.36	-1.98	-2.62	1.30	1.50	-4.11	-1.03	-0.54	-4.98	-6.45	-17.7073
1190	2809	-0.77	-1.23	-0.13	-5.55	-1.37	-0.52	1.09	-5.95	-0.48	0.57	-1.45	0.10	-2.83	-1.24	3.41	-0.55	2.54	-3.30	-17.6398
1191	2991	2.29	-12.37	3.31	0.01	1.06	2.13	-0.94	-6.56	5.99	2.38	-3.18	15.71	-11.21	0.70	-1.58	-0.16	-2.47	-12.75	-17.6274
1192	2301	-0.22	-2.30	0.23	-5.55	-2.06	0.01	-0.80	-5.19	0.91	0.93	-1.42	0.10	-1.26	-0.36	-0.47	-0.58	0.03	0.39	-17.6144
1193	3265	0.38	5.93	-1.90	0.01	-0.33	-1.05	-0.34	0.75	-3.47	-0.53	0.33	-2.49	-6.19	-0.68	-0.47	-5.54	-7.48	5.45	-17.6045
1194	4276	2.47	-16.58	1.87	0.01	1.06	2.13	1.56	-7.15	3.28	1.66	-0.41	1.30	1.38	0.58	3.41	-1.44	0.03	-12.75	-17.5999
1195	4637	-0.84	7.08	-2.56	-11.11	0.02	-3.70	-0.34	6.75	-4.25	0.93	2.36	2.21	-7.06	4.19	-0.47	-3.68	-15.00	7.89	-17.5939
1196	2455	0.29	-1.77	0.65	0.01	-1.02	0.54	1.56	-4.16	0.40	-3.07	-0.40	-2.49	-1.83	-4.22	1.75	-3.90	-2.47	2.54	-17.5832
1197	813	0.12	-9.84	2.48	-11.11	-1.37	2.13	-0.80	-4.01	4.12	-0.16	-3.16	0.10	2.36	-1.96	-0.47	-2.51	15.06	-8.56	-17.5797
1198	4907	0.96	-13.40	1.51	-5.55	0.36	2.13	-0.34	-3.94	4.17	1.29	-1.06	6.00	2.42	4.26	-1.03	3.13	-9.99	-8.51	-17.5740
1199	1507	1.09	-12.37	3.31	0.01	0.71	3.19	-0.94	-7.63	5.99	2.75	-3.18	15.71	-11.22	-0.73	-1.58	0.04	0.03	-12.75	-17.5659
1200	1248	-1.84	-2.77	0.44	5.58	-0.33	-1.05	1.56	-8.89	-0.83	-3.07	-1.83	1.30	-3.22	-3.96	2.30	-1.53	2.54	-1.98	-17.5656
1201	4769	-0.84	-1.56	-0.10	5.58	0.36	-3.17	-0.34	-2.82	-0.26	-0.16	-1.45	6.00	-2.56	3.11	-0.47	-2.38	-12.49	-4.03	-17.5624
1202	1960	-1.46	11.65	-3.08	0.01	-1.02	-2.11	-0.34	2.41	-6.18	-1.62	2.23	-2.49	-9.25	-2.76	-1.58	-3.17	-12.49	13.69	-17.5478
1203	1109	-1.74	8.07	-3.14	-11.11	-0.68	-3.70	1.56	1.46	-4.94	-1.62	1.55	-2.49	-7.85	-2.89	3.41	-5.95	2.54	10.00	-17.5211
1204	515	-1.25	-0.74	0.04	-5.55	-0.33	-0.52	-0.34	-7.02	2.29	-1.98	-0.95	1.30	0.30	-3.70	-1.03	2.73	2.54	-3.30	-17.5178
1205	4170	0.09	1.47	0.35	5.58	-0.33	-0.52	1.56	-6.68	1.29	-4.16	-2.63	1.30	-0.82	-3.04	2.86	-3.25	-9.99	-0.57	-17.5085
1206	4816	-0.41	-7.59	-0.11	5.58	0.36	-0.52	-0.34	-4.15	0.24	0.57	-1.38	6.00	-2.01	4.28	-0.47	-0.08	-12.49	-4.99	-17.4987
1207	2889	-0.77	-0.24	-0.71	-5.55	-1.37	0.54	1.09	-5.95	-1.18	0.20	-2.26	0.10	-3.61	-1.39	3.41	-1.16	2.54	-1.19	-17.4660
1208	3968	1.35	-3.80	0.01	0.01	-0.68	-0.52	1.56	-3.31	-2.34	-0.16	1.72	-2.49	-4.92	0.11	2.30	-3.87	-4.98	2.54	-17.4469
1209	1196	-2.08	3.99	-1.20	5.58	-1.02	-2.64	1.56	-10.98	-2.90	-3.80	-1.25	1.30	-5.54	-4.29	2.30	-2.91	2.54	3.91	-17.4213
1210	3545	0.67	-1.99	1.33	0.01	0.02	0.54	-0.34	-3.98	2.88	-1.25	-1.98	1.30	0.96	-1.43	-0.47	-1.17	-7.48	-5.04	-17.4160
1211	80	-1.91	4.33	-1.22	-5.55	-0.68	-2.11	-0.94	-9.69	-3.08	-0.16	-1.25	-2.81	-5.75	-0.57	-2.14	1.42	10.05	4.64	-17.4150
1212	3531	0.28	-0.09	0.68	5.58	-0.33	1.60	-0.34	-5.81	1.37	-3.07	-1.82	1.30	-0.74	-2.92	-2.14	2.09	-12.49	-0.57	-17.4150
1213	4294	0.73	0.81	-0.13	-5.55	-1.02	0.81	1.09	-4.66	-0.48	-0.89	-1.76	0.10	-2.83	-0.99	2.86	-0.90	0.03	-3.30	-17.4139
1214	1030	-1.44	9.11	-2.56	-11.11	-0.68	-3.70	1.56	1.68	-4.26	-2.34	2.04	-2.49	-7.07	-3.93	2.86	-5.49	2.54	7.89	-17.4052
1215	4849	-0.84	-0.57	-0.67	5.58	0.36	-2.11	-0.34	-2.82	-0.95	-0.53	-2.26	6.00	-3.35	2.96	-0.47	-2.98	-12.49	-1.92	-17.3886
1216	3786	1.28	-0.27	0.23	-5.55	-1.72	0.01	-0.80	-3.90	0.91	-0.53	-1.74	0.10	-1.26	-0.11	-1.03	-0.93	-2.47	0.39	-17.3884
1217	3145	0.79	-2.30	0.25	-5.55	-0.33	-1.05	-0.94	-6.68	1.01	1.29	-1.42	-2.81	-1.15	2.42	-1.03	-0.31	0.03	0.39	-17.3750
1218	1162	-1.44	0.47	-0.10	5.58	-0.33	-3.17	1.56	-7.89	-0.26	-3.43	-1.76	1.30	-2.57	-5.01	2.86	-4.19	5.04	-4.03	-17.3736
1219	3961	1.46	-1.61	-1.11	0.01	-0.68	-2.64	1.56	-2.53	-2.46	0.20	1.29	-2.49	-5.05	0.09	3.41	-6.98	-2.47	2.61	-17.3619
1220	1187	-1.78	6.36	-0.76	-5.55	-1.02	-2.11	1.56	-10.76	-0.43	-4.53	-1.56	1.30	-2.76	-5.27	1.75	1.04	2.54	4.64	-17.3452
1221	595	-1.25	0.24	-0.54	-5.55	-0.33	0.54	-0.34	-7.02	1.59	-2.34	-1.76	1.30	-0.49	-3.85	-1.03	2.12	2.54	-1.19	-17.3439
1222	354	-0.07	0.43	-1.12	0.01	-1.02	-3.70	-0.34	-1.68	-2.52	-0.53	0.98	-2.49	-5.11	-2.74	-1.03	-6.56	7.55	2.61	-17.3252
1223	1661	-0.41	-2.30	0.25	-5.55	-0.68	0.01	-0.94	-7.75	1.00	1.66	-1.42	-2.81	-1.16	0.99	-1.03	-0.11	2.54	0.39	-17.3134
1224	2470	0.98	-1.63	1.30	-5.55	-0.68	0.54	1.56	-2.11	1.90	-2.34	-0.88	-2.49	-0.14	-3.91	2.86	-7.32	2.54	-1.92	-17.3063
1225	3184	0.04	8.86	-1.46	0.01	-0.68	-2.11	-0.34	-1.10	-4.23	-1.25	1.83	-2.49	-7.05	-0.91	-1.58	-2.61	-9.99	7.75	-17.2973
1226	3372	-0.02	4.55	-1.25	0.01	-0.33	-1.05	-0.34	4.55	-3.91	-0.89	2.79	-2.49	-6.69	-0.78	-1.58	-1.97	-15.00	7.10	-17.2849
1227	173	-0.07	-9.84	2.50	-11.11	0.02	2.13	-0.94	-6.57	4.21</										

1295	686	-1.09	0.81	-0.14	-5.55	-1.37	-1.58	-0.80	-4.04	0.54	-0.53	-1.76	0.10	-2.88	-2.64	-1.03	-0.33	10.05	3.30	-16.6093
1296	1161	-1.74	-1.56	-0.10	5.58	-0.33	-3.17	1.56	-8.10	-0.26	-2.34	-1.45	1.30	-2.56	-3.83	3.41	-4.04	5.04	-4.03	-16.6057
1297	3939	1.49	-1.77	0.65	0.01	-0.68	0.54	1.56	-3.09	0.40	-3.43	-0.40	-2.49	-1.83	-2.79	1.75	-4.10	-4.98	2.54	-16.5894
1298	353	-0.37	-1.61	-1.12	0.01	-1.02	-3.70	-0.34	-1.90	-2.51	0.57	1.29	-2.49	-5.10	-1.55	-0.47	-6.41	7.55	2.61	-16.5573
1299	3444	-0.25	11.65	-3.08	0.01	-0.68	-2.11	-0.34	3.48	-6.17	-1.98	2.23	-2.49	-9.24	-1.33	-1.58	-3.38	-15.00	13.69	-16.5539
1300	1208	-1.31	-7.59	-0.11	5.58	-0.33	-0.52	1.56	-9.44	0.24	-1.62	-1.38	1.30	-2.01	-2.65	3.41	-1.74	5.04	-4.99	-16.5420
1301	2469	0.68	-3.67	1.30	-5.55	-0.68	0.54	1.56	-2.33	1.90	-1.25	-0.57	-2.49	-0.14	-2.72	3.41	-7.17	2.54	-1.92	-16.5384
1302	1920	-0.93	6.83	-3.63	0.01	-1.02	-1.58	-0.34	1.86	-5.11	-0.16	2.68	-2.49	-8.04	-1.45	-0.47	-3.38	-9.99	10.68	-16.5242
1303	2590	-1.35	15.57	-2.98	-11.11	-1.02	-2.64	1.56	1.77	-3.79	-3.43	1.11	-2.49	-6.55	-3.86	2.86	-4.57	-9.99	14.42	-16.5062
1304	6137	0.55	-5.64	-0.65	-5.55	1.06	-0.52	-0.94	6.68	-0.81	4.20	-1.55	2.65	-3.19	4.13	-1.03	-4.03	-9.99	-1.85	-16.4793
1305	4914	1.65	-13.00	2.16	0.01	1.40	0.01	-0.34	-1.89	3.14	2.02	-1.54	6.00	1.24	3.59	-1.03	-2.18	-4.98	-12.75	-16.4728
1306	4373	0.44	-0.24	-0.70	-5.55	-1.02	0.54	1.09	-4.88	-1.17	-0.16	-2.26	0.10	-3.61	0.04	3.41	-1.36	0.03	-1.19	-16.4721
1307	421	-2.27	14.19	-3.38	-11.11	-1.37	-5.29	-0.34	2.22	-4.32	-2.34	1.75	-2.49	-7.14	-2.82	-0.47	-4.63	-2.47	15.82	-16.4694
1308	1911	-0.63	9.20	-3.19	-11.11	-1.02	-1.05	-0.34	2.08	-2.64	-0.89	2.37	-2.49	-5.26	-2.43	-1.03	0.57	-9.99	11.40	-16.4481
1309	2649	-1.41	-2.20	1.31	5.58	-0.33	-1.05	1.56	-6.95	2.48	-2.34	-1.82	1.30	0.51	-3.21	3.41	-1.71	-7.48	-4.09	-16.4378
1310	766	-1.09	1.79	-0.72	-5.55	-1.37	-0.52	-0.80	-4.04	-1.23	-0.89	-2.57	0.10	-3.67	-2.79	-1.03	-0.94	10.05	-1.19	-16.4355
1311	1241	-1.74	-0.57	-0.67	5.58	-0.33	-2.11	1.56	-8.10	-0.95	-2.71	-2.26	1.30	-3.35	-3.98	3.41	-4.65	5.04	-1.92	-16.4319
1312	824	-0.12	-9.32	-0.23	-5.55	-1.72	0.01	-0.80	-6.66	-0.14	2.02	-0.49	0.10	-2.45	0.27	-0.47	0.59	12.56	-4.03	-16.4220
1313	2201	-1.30	5.88	-0.95	-5.55	-2.06	-1.05	-0.80	-5.19	-0.56	-0.53	-2.06	0.10	-2.91	-1.31	-0.47	0.16	-2.47	4.64	-16.4143
1314	1951	-1.16	14.02	-2.64	-11.11	-1.02	-0.52	-0.34	2.63	-3.71	-2.34	1.92	-2.49	-6.47	-3.74	-2.14	0.78	-12.49	14.42	-16.4127
1315	2786	0.72	-17.24	3.80	-11.11	1.40	0.01	1.56	-3.25	5.73	-0.53	-1.59	1.30	4.17	-0.64	2.86	-0.72	10.05	-12.87	-16.3361
1316	3954	2.18	-1.63	1.30	-5.55	-0.33	0.54	1.56	-1.04	1.90	-2.71	-0.88	-2.49	-0.14	-2.47	2.86	-7.52	0.03	-1.92	-16.3124
1317	46	-1.28	0.81	-0.12	-5.55	0.02	-1.58	-0.94	-6.60	-0.44	0.20	-1.76	-2.81	-2.78	-1.29	-1.58	0.14	12.56	-3.30	-16.3084
1318	1940	-0.34	4.77	-1.23	-5.55	-0.68	-0.52	-0.34	3.13	-3.48	0.20	2.63	-2.49	-6.21	-2.11	-1.58	-1.16	-7.48	6.15	-16.2862
1319	2729	-1.41	-1.21	0.74	5.58	-0.33	0.01	1.56	-6.95	1.78	-2.71	-2.64	1.30	-0.27	-3.36	3.41	-2.31	-7.48	-1.98	-16.2639
1320	2147	0.92	-18.79	4.14	-11.11	1.40	2.13	-0.34	-2.38	5.81	0.57	-0.78	1.30	4.26	-0.53	-2.14	4.63	7.55	-12.87	-16.2425
1321	3315	2.37	-3.19	1.64	-5.55	-0.33	2.66	-0.34	-0.17	1.98	-1.62	-0.07	-2.49	-0.05	-2.36	-2.14	-2.18	-2.47	-1.92	-16.2189
1322	4134	0.09	-0.17	1.31	5.58	0.02	-1.05	1.56	-5.66	2.48	-3.80	-2.14	1.30	0.51	-2.96	2.86	-2.06	-9.99	-4.09	-16.2118
1323	3309	2.42	-8.86	1.14	5.58	0.71	0.54	-0.34	1.46	0.91	0.57	-0.44	-2.49	-1.28	-0.79	-0.47	-8.77	0.03	-6.12	-16.2025
1324	4780	-0.41	-9.22	0.86	5.58	0.71	-1.05	-0.34	-3.13	1.43	0.93	-0.89	6.00	-0.67	4.36	-0.47	1.12	-12.49	-8.51	-16.2021
1325	3686	0.20	7.91	-0.95	-5.55	-1.72	-1.05	-0.80	-3.90	-0.56	-1.98	-2.37	0.10	-2.91	-1.06	-1.03	-0.19	-4.98	4.64	-16.1883
1326	3045	-0.28	5.88	-0.93	-5.55	-0.33	-2.11	-0.94	-6.68	-0.46	-0.16	-2.06	-2.81	-2.79	1.47	-1.03	0.43	-2.47	4.64	-16.1748
1327	2056	-0.45	-12.98	2.52	0.01	1.40	-0.52	-0.34	-2.60	1.88	-0.16	-1.10	1.30	-0.17	-0.50	-1.58	1.42	5.04	-9.35	-16.1672
1328	4292	0.10	2.69	-0.26	-5.55	-1.37	-0.52	1.09	-6.73	-1.93	-0.89	-0.76	0.10	-4.46	-0.19	2.30	1.57	-2.47	1.12	-16.1649
1329	1028	-2.08	11.00	-2.70	-11.11	-1.02	-3.70	1.56	-0.39	-5.71	-2.34	3.04	-2.49	-8.71	-3.13	2.30	-3.02	0.03	12.31	-16.1562
1330	3365	0.08	6.74	-2.37	0.01	-0.33	-2.11	-0.34	5.34	-4.03	-0.53	2.36	-2.49	-6.82	-0.80	-0.47	-5.09	-12.49	7.16	-16.1512
1331	4416	2.02	-20.82	3.68	-11.11	0.71	2.13	1.09	-2.18	3.18	0.20	-2.28	0.10	1.29	2.04	2.30	-0.68	15.06	-12.87	-16.1417
1332	126	-1.28	1.79	-0.70	-5.55	0.02	-0.52	-0.94	-6.60	-1.13	-0.16	-2.57	-2.81	-3.56	-1.44	-1.58	-0.47	12.56	-1.19	-16.1345
1333	803	0.26	-13.40	1.67	-5.55	-1.37	3.19	-0.80	-5.37	4.18	-0.53	-2.87	0.10	2.42	-2.23	-1.03	1.15	12.56	-8.51	-16.1305
1334	1160	-2.08	2.35	-0.23	5.58	-0.68	-3.17	1.56	-9.96	-1.71	-3.43	-0.76	1.30	-4.21	-4.21	2.30	-1.72	2.54	0.39	-16.1246
1335	184	-0.31	-9.32	-0.20	-5.55	-0.33	0.01	-0.94	-9.22	-0.05	2.75	-0.49	-2.81	-2.34	1.62	-1.03	1.06	15.06	-4.03	-16.1210
1336	2677	-1.65	5.54	-0.90	5.58	-1.02	-1.58	1.56	-9.04	-0.29	-3.43	-2.06	1.30	-2.60	-3.68	3.41	-3.69	-7.48	3.91	-16.1196
1337	3509	0.67	-3.62	2.30	0.01	0.36	0.01	-0.34	-2.96	4.06	-0.89	-1.50	1.30	2.30	-1.35	-0.47	0.02	-7.48	-8.56	-16.1194
1338	3495	0.28	-1.72	1.65	5.58	0.02	1.07	-0.34	-4.79	2.56	-2.71	-1.33	1.30	0.60	-2.85	-2.14	3.28	-12.49	-4.09	-16.1183
1339	1561	-1.49	5.88	-0.93	-5.55	-0.68	-1.05	-0.94	-7.75	-0.46	0.20	-2.06	-2.81	-2.80	0.03	-1.03	0.63	0.03	4.64	-16.1133
1340	1842	0.25	-0.21	0.29	0.01	-1.02	-0.52	-0.34	-0.52	0.21	-0.53	0.60	-2.49	-2.04	-2.12	-1.03	-4.23	-4.98	2.54	-16.1086
1341	2377	-0.82	6.58	-2.28	0.01	-1.02	-2.64	1.56	-3.59	-3.93	-0.89	0.66	-2.49	-6.71	-2.29	3.41	-6.04	-2.47	6.85	-16.1055
1342	5070	0.89	-5.74	0.07	-5.55	-1.02	-1.05	-0.80	-2.02	-0.22	2.02	-1.61	4.80	-2.53	4.93	-1.03	-0.72	-2.47	-4.03	-16.0994
1343	2565	-0.88	2.27	-2.08	0.01	-0.68	-1.58	1.56	2.06	-3.61	-0.53	1.62	-2.49	-6.35	-2.16	3.41	-5.40	-7.48	6.19	-16.0918
1344	352	-0.71	2.31	-1.25	0.01	-1.37	-3.70	-0.34	-3.75	-3.97	-0.53	1.98	-2.49	-6.75	-1.94	-1.58	-4.09	5.04	7.03	-16.0762
1345	3780	2.67	-16.58	2.03	0.01	0.02	4.25	-0.80	-3.30	3.28	2.02	-2.22	0.10	1.38	1.04	-0.47	-1.77	5.04	-12.75	-16.0672
1346	4577	0.08	-2.25	0.30	0.01	-0.33	-2.64	-0.34	1.74	0.28	-0.89	-0.90	2.21	-1.96	3.57	-0.47	-7.06	-9.99	2.54	-16.0671
1347	1291	-0.18	-7.29	0.26	-5.55	-0.68	0.01	1.56	-10.29	2.60	-1.62	-0.80	1.30	0.65	-3.08	2.86	0.68	7.55	-4.03	-16.0512
1348	4214	0.09	0.82	0.74	5.58	0.02	0.01	1.56	-5.66	1.78	-4.16	-2.95	1.30	-0.27	-3.11	2.86	-2.67	-9.99	-1.98	-16.0380
1349	4860	-0.41	-8.23	0.28	5.58	0.71	0.01	-0.34	-3.13	0.73	0.57	-1.70	6.00	-1.45	4.21	-0.47	0.51	-12.49	-6.40	-16.0282
1350	4332	0.63	-1.14	-1.39	-5.55	-1.37	0.01	1.09	-7.29	-1.56	0.20	-1.12	0.10	-4.04	0.97	3.41	0.76	0.03	0.22	-16.0264
1351	6136	0.21	-1.72	-0.79	-5.55	0.71	-0.52	-0.94	4.83	-2.26	3.11	-0.87	2.65	-4.84	3.74	-2.14	-1.71	-12.49	2.57	-15.9983
1352	4372	0.10	3.68	-0.84	-5.55	-1.37	0.54	1.09	-6.73	-2.63	-1.25	-1.57	0.10	-5.25	-0.34	2.30	0.96	-2.47	3.23	-15.9911
1353	1240	-2.08	3.34	-0.81	5.58	-0.68	-2.11	1.56	-9.96	-2.41	-3.80	-1.57	1.30	-4.99	-4.36	2.30	-2.33	2.54	2.50	-15.9508
1354	2488	0.68	-9.26	-0.15	0.01	-0.68	0.54	1.56	-3.91	-0.79	1.66	1.85	-2.49	-3.17	-0.09	3.41	-3.29	0.03	-1.88	-15.9467
1355	4759	-0.88	4.72	0.21	-5.55	0.02	-1.58	-0.34	-4.45	0.76	-1.98	-1.08	6.00	-1.42	1.75	-2.14	3.89	-15.00	1.12	-15.9463
1356	3589	0.67	-2.64	1.72	0.01	0.36	1.07	-0.34	-2.96	3.37	-1.25	-2.31	1.30	1.52	-1.50	-0.47	-0.59	-7.48	-6.45	-15.9456
1357	3575	0.28	-0.74	1.07	5.58	0.02	2.13	-0.34	-4.79	1.										

1360	4883	1.04	-18.79	4.15	-11.11	2.10	1.07	-0.34	0.10	5.87	-0.89	-2.59	6.00	4.33	3.98	-2.14	1.64	2.54	-12.87	-15.9230
1361	2051	-0.39	-5.55	0.52	5.58	-0.33	2.66	-0.34	-6.42	2.93	-1.25	-1.69	1.30	1.01	-3.12	-1.03	2.67	-7.48	-4.99	-15.9147
1362	6129	0.32	0.47	-1.90	-5.55	0.71	-2.64	-0.94	5.61	-2.38	3.48	-1.30	2.65	-4.96	3.73	-1.03	-4.82	-9.99	2.63	-15.9132
1363	5077	0.83	-13.89	1.33	-5.55	-0.68	1.07	-0.80	-1.17	1.36	3.84	-1.55	4.80	-0.75	6.51	-0.47	0.22	-2.47	-8.51	-15.8976
1364	4162	-0.15	7.58	-0.90	5.58	-0.68	-1.58	1.56	-7.75	-0.29	-4.89	-2.37	1.30	-2.60	-3.44	2.86	-4.05	-9.99	3.91	-15.8937
1365	4808	-0.64	-1.47	-1.36	5.58	0.02	-1.58	-0.34	-5.22	-1.34	-0.16	-1.12	6.00	-3.78	3.89	-0.47	-0.87	-12.49	-0.51	-15.8839
1366	3862	0.68	8.61	-2.28	0.01	-0.68	-2.64	1.56	-2.31	-3.93	-2.34	0.34	-2.49	-6.71	-2.04	2.86	-6.39	-4.98	6.85	-15.8795
1367	970	-0.52	-0.21	0.30	0.01	-1.02	-2.64	1.56	-3.33	0.27	-4.16	-1.21	-2.49	-1.96	-4.55	2.86	-8.87	7.55	2.54	-15.8783
1368	4050	0.62	4.30	-2.08	0.01	-0.33	-1.58	1.56	3.35	-3.61	-1.98	1.30	-2.49	-6.35	-1.91	2.86	-5.75	-9.99	6.19	-15.8659
1369	19	-0.18	-16.62	4.95	-11.11	1.40	0.01	-0.94	-4.82	5.84	0.93	-3.23	15.71	-11.35	0.06	-2.69	1.50	17.57	-12.87	-15.8419
1370	685	-1.38	-1.23	-0.14	-5.55	-1.37	-1.58	-0.80	-4.25	-0.53	0.57	-1.45	0.10	-2.87	-1.46	-0.47	-0.18	10.05	-3.30	-15.8414
1371	163	0.07	-13.40	1.69	-5.55	0.02	3.19	-0.94	-7.94	4.27	0.20	-2.87	-2.81	2.52	-0.88	-1.58	1.61	15.06	-8.51	-15.8296
1372	4799	-0.35	0.89	-0.92	-5.55	0.02	-1.05	-0.34	-5.01	1.13	-0.89	-1.44	6.00	-1.00	2.91	-1.03	3.08	-12.49	0.22	-15.8078
1373	3523	0.04	6.02	-0.57	5.58	-0.68	0.54	-0.34	-6.88	-0.20	-3.80	-1.56	1.30	-2.51	-3.32	-2.14	1.29	-12.49	3.91	-15.8001
1374	1704	-0.63	3.39	-1.62	0.01	-0.68	-1.05	-0.34	-1.71	-2.67	0.57	1.95	-2.49	-5.29	-1.11	-0.47	-2.03	-4.98	3.33	-15.7970
1375	331	-0.33	-1.77	0.64	0.01	-1.02	-0.52	-0.34	-2.46	0.35	-3.07	-0.40	-2.49	-1.88	-4.44	-2.14	-3.53	5.04	2.54	-15.7848
1376	1892	-0.69	-0.92	-1.41	0.01	-0.33	0.01	-0.34	3.95	-2.35	0.93	2.91	-2.49	-4.93	-0.98	-0.47	-1.39	-9.99	2.68	-15.7847
1377	2934	1.57	-13.00	2.33	0.01	-0.33	3.19	1.09	-5.02	3.20	0.20	-3.35	0.10	1.28	-2.68	2.86	-4.54	10.05	-12.75	-15.7818
1378	4839	-0.88	5.71	-0.37	-5.55	0.02	-0.52	-0.34	-4.45	0.06	-2.34	-1.89	6.00	-2.21	1.60	-2.14	3.28	-15.00	3.23	-15.7724
1379	2589	-1.65	13.54	-2.98	-11.11	-1.02	-2.64	1.56	1.55	-3.79	-2.34	1.42	-2.49	-6.55	-2.67	3.41	-4.41	-9.99	14.42	-15.7383
1380	4919	1.32	-9.36	2.66	-11.11	0.36	2.13	-0.34	-3.74	4.23	0.93	-0.85	6.00	2.48	3.20	-2.14	4.56	-7.48	-8.56	-15.7213
1381	1470	0.22	-11.85	1.32	-5.55	-1.37	1.07	1.09	-6.24	1.35	0.57	-1.87	0.10	-0.76	-1.62	2.86	-1.59	15.06	-8.51	-15.7088
1382	4913	1.36	-15.03	2.16	0.01	1.40	0.01	-0.34	-2.11	3.15	3.11	-1.22	6.00	1.25	4.77	-0.47	-2.03	-4.98	-12.75	-15.7049
1383	4247	2.61	-14.55	2.51	0.01	1.06	4.25	1.56	-6.94	6.02	-1.62	-2.54	1.30	4.47	-2.32	2.86	-1.68	0.03	-12.75	-15.6964
1384	3456	0.51	0.07	-1.99	0.01	0.02	0.01	-0.34	5.02	-3.04	0.20	2.10	-2.49	-5.71	0.30	-0.47	-2.20	-12.49	4.79	-15.6747
1385	3364	-0.25	10.66	-2.50	0.01	-0.68	-2.11	-0.34	3.48	-5.48	-1.62	3.04	-2.49	-8.46	-1.18	-1.58	-2.77	-15.00	11.58	-15.6701
1386	765	-1.38	-0.24	-0.72	-5.55	-1.37	-0.52	-0.80	-4.25	-1.22	0.20	-2.26	0.10	-3.66	-1.60	-0.47	-0.79	10.05	-1.19	-15.6676
1387	4828	-0.05	-3.54	1.04	0.01	0.36	-0.52	-0.34	-3.96	0.29	0.20	-1.17	6.00	-1.95	3.23	-1.58	1.35	-9.99	-5.04	-15.6459
1388	2376	-1.16	10.50	-2.42	0.01	-1.37	-2.64	1.56	-5.45	-5.39	-1.98	1.34	-2.49	-8.35	-2.67	2.30	-3.72	-4.98	11.27	-15.6244
1389	1784	-0.63	4.38	-2.19	0.01	-0.68	0.01	-0.34	-1.71	-3.37	0.20	1.14	-2.49	-6.08	-1.26	-0.47	-2.64	-4.98	5.45	-15.6232
1390	2510	-1.35	14.58	-2.40	-11.11	-1.02	-2.64	1.56	1.77	-3.10	-3.07	1.92	-2.49	-5.77	-3.71	2.86	-3.96	-9.99	12.31	-15.6224
1391	2564	-1.22	6.19	-2.21	0.01	-1.02	-1.58	1.56	0.21	-5.06	-1.62	2.30	-2.49	-7.99	-2.54	2.30	-3.08	-9.99	10.61	-15.6108
1392	2642	-1.35	5.94	0.06	5.58	-0.68	-2.11	1.56	-7.80	0.89	-4.16	-1.89	1.30	-1.27	-4.79	2.86	-2.65	-7.48	0.39	-15.5909
1393	2785	0.43	-19.27	3.80	-11.11	1.40	0.01	1.56	-3.47	5.73	0.57	-1.28	1.30	4.18	0.54	3.41	-0.57	10.05	-12.87	-15.5682
1394	3953	1.89	-3.67	1.30	-5.55	-0.33	0.54	1.56	-1.26	1.91	-1.62	-0.57	-2.49	-0.13	-1.29	3.41	-7.37	0.03	-1.92	-15.5445
1395	1834	0.02	5.90	-0.96	0.01	-1.37	-2.64	-0.34	-1.59	-1.36	-1.25	0.85	-2.49	-3.81	-2.52	-1.03	-5.02	-4.98	7.03	-15.5425
1396	45	-1.57	-1.23	-0.12	-5.55	0.02	-1.58	-0.94	-6.82	-0.43	1.29	-1.45	-2.81	-2.77	-0.11	-1.03	0.29	12.56	-3.30	-15.5405
1397	3404	0.28	6.83	-3.63	0.01	-0.68	-1.58	-0.34	2.93	-5.10	-0.53	2.68	-2.49	-8.04	-0.02	-0.47	-3.58	-12.49	10.68	-15.5303
1398	1871	-1.16	13.03	-2.07	-11.11	-1.02	-0.52	-0.34	2.63	-3.02	-1.98	2.73	-2.49	-5.68	-3.59	-2.14	1.38	-12.49	12.31	-15.5289
1399	1306	0.75	-13.00	2.16	0.01	0.71	0.01	1.56	-7.18	3.14	-0.16	-1.54	1.30	1.24	-3.35	2.86	-3.84	12.56	-12.75	-15.5161
1400	4074	-0.15	15.57	-2.98	-11.11	-0.68	-2.64	1.56	2.83	-3.79	-3.80	1.11	-2.49	-6.55	-2.43	2.86	-4.77	-12.49	14.42	-15.5124
1401	346	0.36	-1.63	1.29	-5.55	-0.68	-0.52	-0.34	-0.42	1.85	-2.34	-0.88	-2.49	-0.19	-4.12	-1.03	-6.95	10.05	-1.92	-15.5078
1402	4720	-0.64	6.52	-3.43	-11.11	0.02	-2.64	-0.34	5.36	-4.84	0.93	2.36	2.21	-7.73	4.90	-0.47	-1.59	-15.00	10.00	-15.5026
1403	2003	-1.16	4.39	0.40	5.58	-0.68	0.01	-0.34	-6.93	0.98	-3.07	-1.08	1.30	-1.18	-4.68	-2.14	2.69	-9.99	0.39	-15.4973
1404	6030	-0.46	10.69	-3.08	-5.55	0.71	-3.70	-0.94	5.83	-3.86	0.93	-2.25	2.65	-6.62	1.59	-1.58	-4.23	-12.49	6.88	-15.4810
1405	3395	0.57	9.20	-3.19	-11.11	-0.68	-1.05	-0.34	3.15	-2.63	-1.25	2.37	-2.49	-5.25	-1.00	-1.03	0.37	-12.49	11.40	-15.4542
1406	4133	-0.21	-2.20	1.32	5.58	0.02	-1.05	1.56	-5.88	2.48	-2.71	-1.82	1.30	0.52	-1.78	3.41	-1.91	-9.99	-4.09	-15.4439
1407	6128	-0.02	4.39	-2.04	-5.55	0.36	-2.64	-0.94	3.76	-3.84	2.38	-0.61	2.65	-6.60	3.34	-2.14	-2.50	-12.49	7.05	-15.4321
1408	3685	-0.09	5.88	-0.95	-5.55	-1.72	-1.05	-0.80	-4.12	-0.55	-0.89	-2.06	0.10	-2.90	0.12	-0.47	-0.04	-4.98	4.64	-15.4204
1409	3435	0.04	14.02	-2.64	-11.11	-0.68	-0.52	-0.34	3.70	-3.70	-2.71	1.92	-2.49	-6.46	-2.31	-2.14	0.58	-15.00	14.42	-15.4189
1410	2722	-1.35	6.93	-0.51	5.58	-0.68	-1.05	1.56	-7.80	0.20	-4.53	-2.70	1.30	-2.05	-4.94	2.86	-3.26	-7.48	2.50	-15.4170
1411	5076	0.49	-9.97	1.19	-5.55	-1.02	1.07	-0.80	-3.02	-0.09	2.75	-0.87	4.80	-2.40	6.12	-1.58	2.54	-4.98	-4.09	-15.4166
1412	526	-1.74	-0.17	1.30	5.58	-0.33	-2.11	-0.34	-5.03	2.43	-3.43	-2.14	1.30	0.46	-4.61	-1.03	-1.49	0.03	-4.09	-15.4073
1413	2610	-0.59	3.65	-1.69	0.01	-0.33	-1.05	1.56	3.30	-3.12	-1.62	0.98	-2.49	-5.80	-3.42	2.86	-4.97	-7.48	4.79	-15.3893
1414	2480	0.44	-3.15	-1.40	0.01	-1.02	-1.58	1.56	-4.98	-2.36	0.93	2.10	-2.49	-4.94	-0.48	3.41	-4.08	0.03	2.61	-15.3806
1415	125	-1.57	-0.24	-0.69	-5.55	0.02	-0.52	-0.94	-6.82	-1.13	0.93	-2.26	-2.81	-3.55	-0.26	-1.03	-0.32	12.56	-1.19	-15.3666
1416	684	-1.72	2.69	-0.28	-5.55	-1.72	-1.58	-0.80	-6.11	-1.98	-0.53	-0.76	0.10	-4.52	-1.84	-1.58	2.14	7.55	1.12	-15.3603
1417	30	-1.35	1.82	1.29	-11.11	0.71	-2.11	-0.94	-5.37	4.21	2.38	2.32	15.71	-27.19	11.65	-1.58	-5.06	5.04	-5.80	-15.3600
1418	4270	1.93	-17.24	3.80	-11.11	1.75	0.01	1.56	-2.18	5.73	-0.89	-1.59	1.30	4.18	0.79	2.86	-0.92	7.55	-12.87	-15.3422
1419	1841	-0.04	-2.25	0.29	0.01	-1.02	-0.52	-0.34	-0.74	0.22	0.57	0.91	-2.49	-2.03	-0.94	-0.47	-4.08	-4.98	2.54	-15.3407
1420	808	0.20	-20.82	3.67	-11.11	0.36	1.07	-0.80	-1.56	3.13	0.57	-2.28	0.10	1.24	0.39	-1.58	-0.11	25.08	-12.87	-15.3371
1421	5069	0.59	-7.78	0.08	-5.55	-1.02	-1.05	-0.80	-2.24	-0.22	3.11	-1.30	4.80	-2.52	6.11	-0.47	-0.57	-2.47	-4.03	-15.3315
1422	2083	-1.16	5.38	-0.18	5.58	-0.68														

1425	3631	2.12	-18.79	4.14	-11.11	1.75	2.13	-0.34	-1.31	5.82	0.20	-0.78	1.30	4.27	0.91	-2.14	4.42	5.04	-12.87	-15.2487
1426	1172	-1.31	-9.22	0.86	5.58	0.02	-1.05	1.56	-8.42	1.43	-1.25	-0.89	1.30	-0.67	-2.58	3.41	-0.54	5.04	-8.51	-15.2454
1427	2558	-0.82	10.41	-3.33	0.01	-1.02	-2.64	1.56	1.21	-5.19	-2.34	1.56	-2.49	-8.13	-3.74	2.86	-6.35	-7.48	10.68	-15.2449
1428	606	-1.74	0.82	0.72	5.58	-0.33	-1.05	-0.34	-5.03	1.73	-3.80	-2.95	1.30	-0.32	-4.76	-1.03	-2.10	0.03	-1.98	-15.2334
1429	724	-1.19	-1.14	-1.40	-5.55	-1.72	-1.05	-0.80	-6.66	-1.61	0.57	-1.12	0.10	-4.09	-0.68	-0.47	1.33	10.05	0.22	-15.2219
1430	764	-1.72	3.68	-0.85	-5.55	-1.72	-0.52	-0.80	-6.11	-2.68	-0.89	-1.57	0.10	-5.30	-1.99	-1.58	1.53	7.55	3.23	-15.1865
1431	3540	0.75	-12.98	2.52	0.01	1.75	-0.52	-0.34	-1.53	1.88	-0.53	-1.10	1.30	-0.16	0.93	-1.58	1.22	2.54	-9.35	-15.1734
1432	1462	-0.01	-5.74	0.07	-5.55	-1.72	-1.05	1.09	-7.31	-0.22	-0.16	-1.61	0.10	-2.53	-2.01	2.86	-2.38	15.06	-4.03	-15.1427
1433	6107	0.35	0.31	-0.14	-5.55	0.71	0.54	-0.94	5.04	0.48	-0.16	-2.99	2.65	-1.74	0.84	-2.69	-1.94	-12.49	2.57	-15.1407
1434	844	0.47	-11.39	2.18	-11.11	-1.37	2.13	-0.80	-5.40	1.48	2.38	-0.54	0.10	-0.62	-0.38	-1.58	2.81	15.06	-8.56	-15.1353
1435	4161	-0.45	5.54	-0.90	5.58	-0.68	-1.58	1.56	-7.97	-0.28	-3.80	-2.06	1.30	-2.59	-2.25	3.41	-3.90	-9.99	3.91	-15.1257
1436	2975	0.67	-10.60	3.84	-11.11	0.71	-1.05	-0.94	-5.13	5.17	4.93	3.38	15.71	-18.82	9.03	-2.69	0.58	0.03	-8.84	-15.1226
1437	3326	1.46	-0.21	0.29	0.01	-0.68	-0.52	-0.34	0.55	0.22	-0.89	0.60	-2.49	-2.03	-0.69	-1.03	-4.44	-7.48	2.54	-15.1148
1438	3861	0.38	6.58	-2.28	0.01	-0.68	-2.64	1.56	-2.53	-3.93	-1.25	0.66	-2.49	-6.70	-0.86	3.41	-6.24	-4.98	6.85	-15.1116
1439	969	-0.82	-2.25	0.30	0.01	-1.02	-2.64	1.56	-3.55	0.28	-3.07	-0.90	-2.49	-1.96	-3.37	3.41	-8.72	7.55	2.54	-15.1104
1440	4049	0.32	2.27	-2.08	0.01	-0.33	-1.58	1.56	3.13	-3.60	-0.89	1.62	-2.49	-6.34	-0.73	3.41	-5.60	-9.99	6.19	-15.0980
1441	2459	0.82	-7.23	0.49	0.01	-0.68	1.60	1.56	-3.69	1.96	-1.62	-0.28	-2.49	-0.07	-2.98	2.86	-3.52	0.03	-1.88	-15.0891
1442	554	-1.97	7.58	-0.92	5.58	-1.02	-2.64	-0.34	-7.12	-0.34	-4.53	-2.37	1.30	-2.65	-5.08	-1.03	-3.48	0.03	3.91	-15.0891
1443	254	-1.15	8.61	-2.30	0.01	-1.02	-3.70	-0.34	-1.68	-3.98	-1.98	0.34	-2.49	-6.76	-3.69	-1.03	-5.82	5.04	6.85	-15.0750
1444	1252	-1.31	-8.23	0.28	5.58	0.02	0.01	1.56	-8.42	0.73	-1.62	-1.70	1.30	-1.45	-2.73	3.41	-1.15	5.04	-6.40	-15.0715
1445	442	-1.21	4.30	-2.09	0.01	-0.68	-2.64	-0.34	3.98	-3.66	-1.62	1.30	-2.49	-6.40	-3.56	-1.03	-5.18	0.03	6.19	-15.0613
1446	1491	-0.53	-10.60	3.84	-11.11	0.36	0.01	-0.94	-6.19	5.16	5.29	3.38	15.71	-18.83	7.60	-2.69	0.79	2.54	-8.84	-15.0611
1447	44	-1.91	2.69	-0.25	-5.55	-0.33	-1.58	-0.94	-8.67	-1.89	0.20	-0.76	-2.81	-4.41	-0.49	-2.14	2.61	10.05	1.12	-15.0594
1448	1964	-0.93	6.18	-3.24	0.01	-0.68	-1.05	-0.34	2.88	-4.62	-0.16	2.36	-2.49	-7.49	-1.53	-0.47	-2.80	-9.99	9.27	-15.0537
1449	168	0.01	-20.82	3.69	-11.11	1.75	1.07	-0.94	-4.12	3.22	1.29	-2.28	-2.81	1.34	1.74	-2.14	-15.0361	27.58	-12.87	-15.0361
1450	2939	1.23	-9.36	2.83	-11.11	-1.37	5.31	1.09	-6.87	4.28	-0.89	-2.66	0.10	2.52	-3.07	1.75	2.20	7.55	-8.56	-15.0302
1451	2933	1.27	-15.03	2.33	0.01	-0.33	3.19	1.09	-5.24	3.20	1.29	-3.03	0.10	1.29	-1.50	3.41	-4.39	10.05	-12.75	-15.0139
1452	2222	-0.23	-4.00	0.34	5.58	-1.37	1.60	-0.80	-3.43	0.11	0.20	-2.50	0.10	-2.16	-2.06	-1.03	-0.39	0.03	-4.99	-15.0062
1453	1151	-1.78	4.72	0.21	-5.55	-0.68	-1.58	1.56	-9.74	0.76	-4.16	-1.08	1.30	-1.42	-5.19	1.75	2.23	2.54	1.12	-14.9896
1454	1275	0.14	-18.79	4.15	-11.11	1.40	1.07	1.56	-5.19	5.87	-3.07	-2.59	1.30	4.33	-2.96	1.75	-0.02	20.07	-12.87	-14.9663
1455	3972	1.88	-9.26	-0.15	0.01	-0.33	0.54	1.56	-2.84	-0.78	1.29	1.85	-2.49	-3.16	1.34	3.41	-3.49	-2.47	-1.88	-14.9529
1456	1469	-0.07	-13.89	1.33	-5.55	-1.37	1.07	1.09	-6.46	1.36	1.66	-1.55	0.10	-0.76	-0.43	3.41	-1.44	15.06	-8.51	-14.9409
1457	1200	-1.55	-1.47	-1.36	5.58	-0.68	-1.58	1.56	-10.51	-1.34	-2.34	-1.12	1.30	-3.78	-3.05	3.41	-2.53	5.04	-0.51	-14.9272
1458	84	-1.38	-1.14	-1.38	-5.55	-0.33	-1.05	-0.94	-9.22	-1.51	1.29	-1.12	-2.81	-3.99	0.67	-1.03	1.79	12.56	0.22	-14.9209
1459	3535	0.81	-5.55	0.53	5.58	0.02	2.66	-0.34	-5.35	2.94	-1.62	-1.69	1.30	1.02	-1.69	-1.03	2.47	-9.99	-4.99	-14.9209
1460	4970	-0.19	2.44	-1.10	-5.55	-1.02	-2.11	-0.80	-2.02	-1.69	0.57	-2.25	-2.02	4.80	-4.18	3.97	-1.03	0.02	-4.98	-14.8993
1461	639	0.79	-14.55	2.50	0.01	0.71	3.19	-0.34	-6.31	5.97	-1.25	-2.54	1.30	4.42	-3.96	-1.03	-1.11	10.05	-12.75	-14.8918
1462	124	-1.91	3.68	-0.83	-5.55	-0.33	-0.52	-0.94	-8.67	-2.58	-0.16	-1.57	-2.81	-5.20	-0.64	-2.14	2.00	10.05	3.23	-14.8856
1463	2020	-0.45	-14.61	3.49	0.01	1.75	-1.05	-0.34	-1.58	3.06	0.20	-0.62	1.30	1.17	-0.42	-1.58	2.61	5.04	-12.87	-14.8706
1464	6122	1.04	0.44	0.51	-11.11	1.06	0.54	-0.94	7.09	1.98	0.57	-3.47	2.65	-0.05	1.16	-1.58	-5.37	-7.48	-1.90	-14.8637
1465	2509	-1.65	12.55	-2.40	-11.11	-1.02	-2.64	1.56	1.55	-3.09	-1.98	2.23	-2.49	-5.76	-2.52	3.41	-3.81	-9.99	12.31	-14.8545
1466	1191	-1.25	0.89	-0.92	-5.55	-0.68	-1.05	1.56	-10.29	1.13	-3.07	-1.44	1.30	-1.00	-4.03	2.86	1.42	5.04	0.22	-14.8511
1467	5068	0.25	-3.86	-0.06	-5.55	-1.37	-1.05	-0.80	-4.09	-1.67	2.02	-0.61	4.80	-4.17	5.73	-1.58	1.75	-4.98	0.39	-14.8504
1468	204	0.28	-11.39	2.20	-11.11	0.02	2.13	-0.94	-7.96	1.58	3.11	-0.54	-2.81	-0.51	0.96	-2.14	3.27	17.57	-8.56	-14.8344
1469	2166	-1.00	6.28	0.02	-5.55	-1.72	-0.52	-0.80	-3.95	0.62	-1.25	-1.89	0.10	-1.58	-2.42	-1.03	1.20	-2.47	1.12	-14.8266
1470	2641	-1.65	3.91	0.06	5.58	-0.68	-2.11	1.56	-8.02	0.90	-3.07	-1.57	1.30	-1.26	-3.61	3.41	-2.50	-7.48	0.39	-14.8229
1471	1984	-0.34	4.12	-0.84	-5.55	-0.33	0.01	-0.34	4.15	-2.99	0.20	2.31	-2.49	-5.66	-2.18	-1.58	-0.57	-7.48	4.74	-14.8158
1472	1231	-1.78	5.71	-0.37	-5.55	-0.68	-0.52	1.56	-9.74	0.06	-4.53	-1.89	1.30	-2.21	-5.34	1.75	1.62	2.54	3.23	-14.8157
1473	2058	0.30	-5.15	1.17	11.14	0.71	0.54	-0.34	-4.37	1.90	-0.53	-2.17	1.30	-0.16	-3.79	-1.03	-2.64	-2.47	-9.24	-14.8135
1474	2290	0.92	-17.24	3.96	-11.11	0.36	2.13	-0.80	0.60	5.73	-0.16	-3.40	0.10	4.17	-0.19	-1.03	-1.05	15.06	-12.87	-14.8033
1475	3188	0.57	3.39	-1.61	0.01	-0.33	-1.05	-0.34	-0.64	-2.67	0.20	1.95	-2.49	-5.29	0.32	-0.47	-2.23	-7.48	3.33	-14.8032
1476	3376	0.51	-0.92	-1.41	0.01	0.02	0.01	-0.34	5.02	-2.34	0.57	2.91	-2.49	-4.92	0.45	-0.47	-1.59	-12.49	2.68	-14.7908
1477	4418	2.77	-13.00	2.33	0.01	0.02	3.19	1.09	-3.95	3.20	-0.16	-3.35	0.10	1.29	-1.25	2.86	-4.74	7.55	-12.75	-14.7879
1478	1833	-0.28	3.87	-0.96	0.01	-1.37	-2.64	-0.34	-1.81	-1.36	-0.16	1.17	-2.49	-3.80	-1.33	-0.47	-4.87	-4.98	7.03	-14.7746
1479	3066	0.78	-4.00	0.37	5.58	0.36	0.54	-0.94	-4.93	0.21	0.57	-2.50	-2.81	-2.05	0.72	-1.58	-0.12	0.03	-4.99	-14.7668
1480	1311	0.41	-9.36	2.66	-11.11	-0.33	2.13	1.56	-9.03	4.23	-1.25	-0.85	1.30	2.47	-3.74	1.75	2.90	10.05	-8.56	-14.7646
1481	1305	0.46	-15.03	2.16	0.01	0.71	0.01	1.56	-7.39	3.15	0.93	-1.22	1.30	1.25	-2.17	3.41	-3.69	12.56	-12.75	-14.7482
1482	4073	-0.45	13.54	-2.98	-11.11	-0.68	-2.64	1.56	2.62	-3.78	-2.71	1.42	-2.49	-6.54	-1.24	3.41	-4.62	-12.49	14.42	-14.7445
1483	345	0.06	-3.67	1.29	-5.55	-0.68	-0.52	-0.34	-0.63	1.86	-1.25	-0.57	-2.49	-0.18	-2.94	-0.47	-6.80	10.05	-1.92	-14.7399
1484	6029	-0.76	8.65	-3.08	-5.55	0.71	-3.70	-0.94	5.61	-3.85	2.02	-1.93	2.65	-6.61	2.77	-1.03	-4.08	-12.49	6.88	-14.7131
1485	466	-1.97	15.57	-2.99	-11.11	-1.02	-3.70	-0.34	3.46	-3.84	-3.43	1.11	-2.49	-6.60	-4.07	-1.03	-4.20	-2.47	14.42	-14.7078
1486	1582	-0.42	-4.00	0.36	5.58	0.02	1.60	-0.94	-5.99	0.20	0.93	-2.50	-2.81	-2.06	-0.71	-1.58	0.08	2.54	-4.99	-14.7053
1487	2100	-0.45	-13.62	2.91	0.01	1.75	0.01	-												

1490	2246	-1.00	7.26	-0.56	-5.55	-1.72	0.54	-0.80	-3.95	0.07	-1.62	-2.70	0.10	-2.36	-2.57	-1.03	0.59	-2.47	3.23	-14.6527
1491	2721	-1.65	4.90	-0.51	5.58	-0.68	-1.05	1.56	-8.02	0.21	-3.43	-2.38	1.30	-2.04	-3.76	3.41	-3.11	-7.48	2.50	-14.6491
1492	525	-2.03	-2.20	1.30	5.58	-0.33	-2.11	-0.34	-5.25	2.43	-2.34	-1.82	1.30	0.47	-3.43	-0.47	-1.34	0.03	-4.09	-14.6394
1493	3860	0.04	10.50	-2.42	0.01	-1.02	-2.64	1.56	-4.38	-5.38	-2.34	1.34	-2.49	-8.35	-1.24	2.30	-3.92	-7.48	11.27	-14.6306
1494	3268	0.57	4.38	-2.19	0.01	-0.33	0.01	-0.34	-0.64	-3.36	-0.16	1.14	-2.49	-6.07	0.17	-0.47	-2.84	-7.48	5.45	-14.6293
1495	3994	-0.15	14.58	-2.40	-11.11	-0.68	-2.64	1.56	2.83	-3.09	-3.43	1.92	-2.49	-5.76	-2.28	2.86	-4.16	-12.49	12.31	-14.6286
1496	2609	-0.88	1.62	-1.69	0.01	-0.33	-1.05	1.56	3.08	-3.11	-0.53	1.29	-2.49	-5.79	-2.23	3.41	-4.82	-7.48	4.79	-14.6214
1497	4640	-0.64	5.53	-2.85	-11.11	0.02	-2.64	-0.34	5.36	-4.14	1.29	3.17	2.21	-6.95	5.05	-0.47	-0.98	-15.00	7.89	-14.6188
1498	2015	-0.39	-7.19	1.49	5.58	0.02	2.13	-0.34	-5.39	4.12	-0.89	-1.21	1.30	2.35	-3.04	-1.03	3.86	-7.48	-8.51	-14.6181
1499	4048	-0.02	6.19	-2.21	0.01	-0.68	-1.58	1.56	1.28	-5.06	-1.98	2.30	-2.49	-7.98	-1.11	2.30	-3.28	-12.49	10.61	-14.6169
1500	2326	1.19	-7.80	2.47	-11.11	-1.37	3.19	-0.80	-3.24	4.09	1.66	-1.66	0.10	2.32	-0.97	-1.03	1.87	5.04	-8.56	-14.6016
1501	4126	-0.15	5.94	0.06	5.58	-0.33	-2.11	1.56	-6.73	0.90	-4.53	-1.89	1.30	-1.26	-3.36	2.86	-2.86	-9.99	0.39	-14.5970
1502	29	-1.64	-0.21	1.29	-11.11	0.71	-2.11	-0.94	-5.58	4.22	3.48	2.63	15.71	-27.18	12.84	-1.03	-4.91	5.04	-5.80	-14.5921
1503	4772	-0.64	-3.11	-0.39	5.58	0.36	-2.11	-0.34	-4.20	-0.15	0.20	-0.64	6.00	-2.44	3.96	-0.47	0.32	-12.49	-4.03	-14.5872
1504	3010	0.01	6.28	0.04	-5.55	0.02	-1.58	-0.94	-5.44	0.72	-0.89	-1.89	-2.81	-1.46	0.36	-1.58	1.47	-2.47	1.12	-14.5872
1505	4269	1.63	-19.27	3.80	-11.11	1.75	0.01	1.56	-2.40	5.74	0.20	-1.28	1.30	4.19	1.97	3.41	-0.77	7.55	-12.87	-14.5743
1506	3134	1.93	-17.24	3.98	-11.11	2.10	1.07	-0.94	-0.89	5.83	0.20	-3.40	-2.81	4.29	2.59	-1.58	-0.78	15.06	-12.87	-14.5639
1507	5047	0.63	-7.94	1.84	-5.55	-1.02	2.13	-0.80	-2.80	2.65	-0.53	-2.99	4.80	0.70	3.22	-2.14	2.31	-4.98	-4.09	-14.5590
1508	3318	1.22	5.90	-0.96	0.01	-1.02	-2.64	-0.34	-0.52	-1.36	-1.62	0.85	-2.49	-3.80	-1.09	-1.03	-5.23	-7.48	7.03	-14.5486
1509	1112	-1.55	6.52	-3.43	-11.11	-0.68	-2.64	1.56	0.07	-4.84	-1.25	2.36	-2.49	-7.73	-2.04	3.41	-3.25	2.54	10.00	-14.5459
1510	662	0.10	-17.24	3.79	-11.11	1.40	-1.05	-0.34	-1.55	5.68	-0.53	-1.59	1.30	4.13	-0.86	-1.03	-0.35	17.57	-12.87	-14.5376
1511	3355	0.04	13.03	-2.06	-11.11	-0.68	-0.52	-0.34	3.70	-3.01	-2.34	2.73	-2.49	-5.68	-2.16	-2.14	1.18	-15.00	12.31	-14.5351
1512	1526	-1.19	6.28	0.04	-5.55	-0.33	-0.52	-0.94	-6.51	0.72	-0.53	-1.89	-2.81	-1.47	-1.07	-1.58	1.67	0.03	1.12	-14.5256
1513	2342	-0.53	6.98	-1.32	0.01	-0.68	-2.11	1.56	-2.35	-2.75	-1.62	0.83	-2.49	-5.38	-3.40	2.86	-5.00	-2.47	3.33	-14.5178
1514	2530	-0.59	2.66	-1.11	0.01	-0.33	-1.05	1.56	3.30	-2.43	-1.25	1.79	-2.49	-5.02	-3.27	2.86	-4.36	-7.48	2.68	-14.5054
1515	3487	0.04	4.39	0.40	5.58	-0.33	0.01	-0.34	-5.86	0.98	-3.43	-1.08	1.30	-1.18	-3.24	-2.14	2.49	-12.49	0.39	-14.5035
1516	1650	0.73	-17.24	3.98	-11.11	1.75	2.13	-0.94	-1.96	5.83	0.57	-3.40	-2.81	4.28	1.16	-1.58	-0.58	17.57	-12.87	-14.5024
1517	2892	-0.57	-1.79	-1.00	-5.55	-1.37	1.60	1.09	-7.33	-1.07	0.57	-1.45	0.10	-3.50	-0.54	3.41	1.54	2.54	-1.19	-14.4908
1518	2557	-1.12	8.38	-3.33	0.01	-1.02	-2.64	1.56	0.99	-5.18	-1.25	1.87	-2.49	-8.12	-2.56	3.41	-6.20	-7.48	10.68	-14.4770
1519	605	-2.03	-1.21	0.73	5.58	-0.33	-1.05	-0.34	-5.25	1.74	-2.71	-2.64	1.30	-0.32	-3.58	-0.47	-1.95	0.03	-1.98	-14.4655
1520	1468	-0.41	-9.97	1.19	-5.55	-1.72	1.07	1.09	-8.31	-0.10	0.57	-0.87	0.10	-2.40	-0.82	2.30	0.88	12.56	-4.09	-14.4599
1521	2095	-0.39	-6.20	0.92	5.58	0.02	3.19	-0.34	-5.39	3.42	-1.25	-2.02	1.30	1.57	-3.19	-1.03	3.25	-7.48	-6.40	-14.4442
1522	4206	-0.15	6.93	-0.51	5.58	-0.33	-1.05	1.56	-6.73	0.21	-4.89	-2.70	1.30	-2.05	-3.51	2.86	-3.46	-9.99	2.50	-14.4232
1523	4852	-0.64	-2.12	-0.97	5.58	0.36	-1.05	-0.34	-4.20	-0.84	-0.16	-1.45	6.00	-3.23	3.81	-0.47	-0.29	-12.49	-1.92	-14.4134
1524	3090	0.01	7.26	-0.54	-5.55	0.02	-0.52	-0.94	-5.44	0.03	-1.25	-2.70	-2.81	-2.25	0.21	-1.58	0.86	-2.47	3.23	-14.4133
1525	4094	0.62	3.65	-1.69	0.01	0.02	-1.05	1.56	4.37	-3.11	-1.98	0.98	-2.49	-5.80	-1.99	2.86	-5.17	-9.99	4.79	-14.3954
1526	3964	1.65	-3.15	-1.40	0.01	-0.68	-1.58	1.56	-3.91	-2.36	0.57	2.10	-2.49	-4.93	0.95	3.41	-4.28	-2.47	2.61	-14.3867
1527	1461	-0.31	-7.78	0.08	-5.55	-1.72	-1.05	1.09	-7.53	-0.22	0.93	-1.30	0.10	-2.53	-0.83	3.41	-2.23	15.06	-4.03	-14.3748
1528	3170	2.21	-7.80	2.49	-11.11	0.36	2.13	-0.94	-4.73	4.19	2.02	-1.66	-2.81	2.44	1.81	-1.58	2.14	5.04	-8.56	-14.3622
1529	1606	-1.19	7.26	-0.54	-5.55	-0.33	0.54	-0.94	-6.51	0.02	-0.89	-2.70	-2.81	-2.26	-1.22	-1.58	1.06	0.03	3.23	-14.3518
1530	4792	-0.05	-5.18	2.01	0.01	0.71	-1.05	-0.34	-2.94	1.48	0.57	-0.69	6.00	-0.61	3.30	-1.58	2.55	-9.99	-8.56	-14.3493
1531	3325	1.16	-2.25	0.29	0.01	-0.68	-0.52	-0.34	0.33	0.23	0.20	0.91	-2.49	-2.02	0.49	-0.47	-4.28	-7.48	2.54	-14.3469
1532	2422	-0.53	7.96	-1.89	0.01	-0.68	-1.05	1.56	-2.35	-3.45	-1.98	0.02	-2.49	-6.16	-3.55	2.86	-5.61	-2.47	5.45	-14.3439
1533	3567	0.04	5.38	-0.18	5.58	-0.33	1.07	-0.34	-5.86	0.29	-3.80	-1.89	1.30	-1.96	-3.39	-2.14	1.88	-12.49	2.50	-14.3297
1534	553	-2.27	5.54	-0.91	5.58	-1.02	-2.64	-0.34	-7.34	-0.33	-3.43	-2.06	1.30	-2.64	-3.90	-0.47	-3.33	0.03	3.91	-14.3212
1535	253	-1.44	6.58	-2.29	0.01	-1.02	-3.70	-0.34	-1.90	-3.98	-0.89	0.66	-2.49	-6.76	-2.51	-0.47	-5.67	5.04	6.85	-14.3071
1536	1686	1.00	-7.80	2.49	-11.11	0.02	3.19	-0.94	-5.80	4.19	2.38	-1.66	-2.81	2.42	0.38	-1.58	2.34	7.55	-8.56	-14.3006
1537	2043	-0.63	0.56	-0.72	5.58	-0.68	1.60	-0.34	-7.48	1.35	-1.98	-1.44	1.30	-0.76	-3.52	-1.03	1.87	-7.48	-0.51	-14.2999
1538	2464	0.76	-14.65	2.49	-5.55	1.06	-0.52	1.56	0.13	0.91	-0.53	0.31	-2.49	-1.26	-0.37	2.30	-4.78	12.56	-6.23	-14.2957
1539	441	-1.50	2.27	-2.09	0.01	-0.68	-2.64	-0.34	3.76	-3.65	-0.53	1.62	-2.49	-6.39	-2.38	-0.47	-5.03	0.03	6.19	-14.2934
1540	5062	1.32	-7.80	2.48	-11.11	-0.68	2.13	-0.80	-0.76	4.15	0.20	-3.47	4.80	2.39	3.54	-1.03	-1.12	0.03	-8.56	-14.2820
1541	4042	0.38	10.41	-3.33	0.01	-0.68	-2.64	1.56	2.28	-5.18	-2.71	1.56	-2.49	-8.12	-2.31	2.86	-6.55	-9.99	10.68	-14.2511
1542	2221	-0.53	-6.04	0.34	5.58	-1.37	1.60	-0.80	-3.65	0.12	1.29	-2.19	0.10	-2.16	-0.87	-0.47	-0.24	0.03	-4.99	-14.2383
1543	6028	-1.10	12.57	-3.21	-5.55	0.36	-3.70	-0.94	3.76	-5.30	0.93	-1.25	2.65	-8.25	2.39	-2.14	-1.76	-15.00	11.30	-14.2320
1544	1828	1.41	-10.41	0.84	5.58	0.36	1.60	-0.34	-0.99	1.01	1.29	0.37	-2.49	-1.17	-1.37	-0.47	-5.87	2.54	-6.12	-14.2212
1545	4872	-0.05	-4.19	1.44	0.01	0.71	0.01	-0.34	-2.94	0.79	0.20	-1.50	6.00	-1.40	3.16	-1.58	1.94	-9.99	-6.45	-14.1755
1546	1884	-0.93	5.19	-2.66	0.01	-0.68	-1.05	-0.34	2.88	-3.92	0.20	3.17	-2.49	-6.71	-1.38	-0.47	-2.19	-9.99	7.16	-14.1699
1547	2702	-0.23	0.05	1.34	0.01	-0.33	0.54	1.56	-7.09	2.90	-2.71	-2.30	1.30	0.99	-4.29	2.86	-1.24	-2.47	-5.04	-14.1555
1548	364	0.06	-9.26	-0.16	0.01	-0.68	-0.52	-0.34	-2.21	-0.83	1.66	1.85	-2.49	-3.22	-0.30	-0.47	-2.92	7.55	-1.88	-14.1483
1549	2608	-1.22	5.54	-1.82	0.01	-0.68	-1.05	1.56	1.23	-4.57	-1.62	1.98	-2.49	-7.44	-2.62	2.30	-2.50	-9.99	9.21	-14.1403
1550	4969	-0.48	0.41	-1.10	-5.55	-1.02	-2.11	-0.80	-2.24	-1.68	1.66	-1.93	4.80	-4.17	5.15	-0.47	0.17	-4.98	0.22	-14.1314
1551	6121	0.75	-1.59	0.51	-11.11	1.06	0.54	-0.94	6.87	1.99	1.66	-3.16	2.65	-0.04	2.34	-1.03	-5.21	-7.48	-1.90	-14.0958
1552	3943	2.02	-7.23	0.50	0.01	-0.33	1.60	1.56	-2.62											

1555	3448	0.28	6.18	-3.24	0.01	-0.33	-1.05	-0.34	3.95	4.61	-0.53	2.36	-2.49	-7.48	-0.09	-0.47	-3.00	-12.49	9.27	-14.0599
1556	2165	-1.30	4.24	0.02	-5.55	-1.72	-0.52	-0.80	-4.16	0.63	-0.16	-1.57	0.10	-1.57	-1.24	-0.47	1.36	-2.47	1.12	-14.0587
1557	2057	0.00	-7.18	1.17	11.14	0.71	0.54	-0.34	-4.59	1.91	0.57	-1.86	1.30	-0.15	-2.61	-0.47	-2.49	-2.47	-9.24	-14.0456
1558	4423	2.43	-9.36	2.83	-11.11	-1.02	5.31	1.09	-5.80	4.28	-1.25	-2.66	0.10	2.53	-1.64	1.75	2.00	5.04	-8.56	-14.0364
1559	2289	0.62	-19.27	3.96	-11.11	0.36	2.13	-0.80	0.38	5.74	0.93	-3.09	0.10	4.18	0.99	-0.47	-0.90	15.06	-12.87	-14.0354
1560	4417	2.47	-15.03	2.33	0.01	0.02	3.19	1.09	-4.17	3.21	0.93	-3.03	0.10	1.30	-0.07	3.41	-4.59	7.55	-12.75	-14.0200
1561	3706	0.97	-4.00	0.34	5.58	-1.02	1.60	-0.80	-2.36	0.12	-0.16	-2.50	0.10	-2.16	-0.62	-1.03	-0.59	-2.47	-4.99	-14.0124
1562	3065	0.49	-6.04	0.37	5.58	0.36	0.54	-0.94	-5.14	0.22	1.66	-2.19	-2.81	-2.04	1.91	-1.03	0.03	0.03	-4.99	-13.9989
1563	2556	-1.46	12.30	-3.46	0.01	-1.37	-2.64	1.56	-0.86	-6.64	-2.34	2.56	-2.49	-9.76	-2.94	2.30	-3.88	-9.99	15.10	-13.9959
1564	810	0.95	-13.00	2.32	0.01	-0.33	2.13	-0.80	-3.33	3.15	0.20	-3.35	0.10	1.24	-2.90	-1.03	-4.17	17.57	-12.75	-13.9834
1565	1362	-1.09	2.44	-1.10	-5.55	-1.72	-2.11	1.09	-7.31	-1.69	-1.62	-2.25	0.10	-4.18	-2.97	2.86	-1.64	12.56	0.22	-13.9426
1566	465	-2.27	13.54	-2.99	-11.11	-1.02	-3.70	-0.34	3.24	-3.83	-2.34	1.42	-2.49	-6.59	-2.89	-0.47	-4.05	-2.47	14.42	-13.9399
1567	1581	-0.72	-6.04	0.37	5.58	0.02	1.60	-0.94	-6.21	0.21	2.02	-2.19	-2.81	-2.05	0.48	-1.03	0.23	2.54	-4.99	-13.9374
1568	1904	-0.34	3.13	-0.26	-5.55	-0.33	0.01	-0.34	4.15	-2.30	0.57	3.12	-2.49	-4.87	-2.04	-1.58	0.04	-7.48	2.63	-13.9319
1569	2950	0.31	-6.38	1.48	-5.55	-1.72	2.13	1.09	-6.15	2.51	-0.16	-1.99	0.10	0.54	-1.40	2.86	-0.06	2.54	-4.09	-13.9261
1570	2547	-1.16	14.67	-3.03	-11.11	-1.37	-2.11	1.56	-0.64	-4.17	-3.07	2.24	-2.49	-6.98	-3.92	1.75	0.07	-9.99	15.82	-13.9199
1571	1955	-0.63	8.55	-2.80	-11.11	-0.68	0.54	-0.34	3.10	-2.15	-0.89	2.04	-2.49	-4.71	-2.50	-1.03	1.16	-9.99	10.00	-13.9186
1572	1460	-0.65	-3.86	-0.06	-5.55	-2.06	-1.05	1.09	-9.38	-1.67	-0.16	-0.61	0.10	-4.17	-1.21	2.30	0.09	12.56	0.39	-13.8937
1573	2245	-1.30	5.23	-0.56	-5.55	-1.72	0.54	-0.80	-4.16	-0.06	-0.53	-2.38	0.10	-2.36	-1.38	-0.47	0.75	-2.47	3.23	-13.8848
1574	3504	0.75	-14.61	3.49	0.01	2.10	-1.05	-0.34	-0.51	3.07	-0.16	-0.62	1.30	1.18	1.01	-1.58	2.41	2.54	-12.87	-13.8768
1575	3993	-0.45	12.55	-2.40	-11.11	-0.68	-2.64	1.56	2.62	-3.09	-2.34	2.23	-2.49	-5.76	-1.09	3.41	-4.01	-12.49	12.31	-13.8607
1576	2325	0.90	-9.84	2.47	-11.11	-1.37	3.19	-0.80	-3.45	4.10	2.75	-1.35	0.10	2.33	0.22	-0.47	2.02	5.04	-8.56	-13.8337
1577	3650	0.20	6.28	0.02	-5.55	-1.37	-0.52	-0.80	-2.88	0.63	-1.62	-1.89	0.10	-1.57	-0.99	-1.03	1.00	-4.98	1.12	-13.8327
1578	2311	0.50	-7.94	1.82	-5.55	-1.72	4.25	-0.80	-5.28	2.59	0.93	-1.18	0.10	0.62	-1.28	-2.14	5.29	0.03	-4.09	-13.8326
1579	4125	-0.45	3.91	0.07	5.58	-0.33	3.91	1.56	-6.95	0.91	-3.43	-1.57	1.30	-1.25	-2.18	3.41	-2.70	-9.99	0.39	-13.8291
1580	252	-1.78	10.50	-2.43	0.01	-1.37	-3.70	-0.34	-3.75	-5.43	-1.98	1.34	-2.49	-8.40	-2.89	-1.58	-3.35	2.54	11.27	-13.8260
1581	4610	1.07	-5.68	0.14	0.01	0.02	-1.58	-0.34	2.42	-0.91	1.66	0.72	2.21	-3.30	4.35	-1.03	-4.23	-7.48	-1.88	-13.8257
1582	386	-1.97	14.58	-2.41	-11.11	-1.02	-3.70	-0.34	3.46	-3.15	-3.07	1.92	-2.49	-5.82	-3.92	-1.03	-3.59	-2.47	12.31	-13.8240
1583	3468	0.87	4.12	-0.83	-5.55	0.02	0.01	-0.34	5.22	-2.98	-0.16	2.31	-2.49	-5.65	-0.75	-1.58	-0.77	-9.99	4.74	-13.8219
1584	3542	1.50	-5.15	1.17	11.14	1.06	0.54	-0.34	-3.30	1.91	-0.89	-2.17	1.30	-0.15	-2.36	-1.03	-2.84	-4.98	-9.24	-13.8197
1585	3009	-0.28	4.24	0.04	-5.55	0.02	-1.58	-0.94	-5.66	0.73	0.20	-1.57	-2.81	-1.46	1.54	-1.03	1.62	-2.47	1.12	-13.8192
1586	440	-1.84	6.19	-2.22	0.01	-1.02	-2.64	-0.34	1.91	-5.11	-1.62	2.30	-2.49	-8.03	-2.76	-1.58	-2.71	-2.47	10.61	-13.8124
1587	3774	2.12	-17.24	3.96	-11.11	0.71	2.13	-0.80	1.67	5.74	-0.53	-3.40	0.10	4.18	1.24	-1.03	-1.25	12.56	-12.87	-13.8095
1588	3133	1.64	-19.27	3.99	-11.11	2.10	1.07	-0.94	-1.11	5.84	1.29	-3.09	-2.81	4.30	3.77	-1.03	-0.63	15.06	-12.87	-13.7960
1589	518	-1.97	5.94	0.05	5.58	-0.68	-3.17	-0.34	-6.10	0.85	-4.16	-1.89	1.30	-1.31	-5.01	-1.03	-2.29	0.03	0.39	-13.7924
1590	3317	0.92	3.87	-0.96	0.01	-1.02	-2.64	-0.34	-0.74	-1.35	-0.53	1.17	-2.49	-3.79	0.10	-0.47	-5.07	-7.48	7.03	-13.7807
1591	2602	-0.82	9.76	-2.94	0.01	-0.68	-2.11	1.56	2.23	-4.70	-2.34	1.23	-2.49	-7.58	-3.81	2.86	-5.76	-7.48	9.27	-13.7744
1592	661	-0.19	-19.27	3.79	-11.11	1.40	-1.05	-0.34	-1.77	5.69	0.57	-1.28	1.30	4.14	0.33	-0.47	-0.20	17.57	-12.87	-13.7697
1593	1525	-1.49	4.24	0.04	-5.55	-0.33	-0.52	-0.94	-6.73	0.72	0.57	-1.57	-2.81	-1.47	0.11	-1.03	1.83	0.03	1.12	-13.7577
1594	2220	-0.87	-2.12	0.21	5.58	-1.72	1.60	-0.80	-5.50	-1.34	0.20	-1.50	0.10	-3.80	-1.25	-1.58	2.08	-2.47	-0.57	-13.7572
1595	2341	-0.82	4.94	-1.31	0.01	-0.68	-2.11	1.56	-2.57	-2.75	-0.53	1.14	-2.49	-5.37	-2.21	3.41	-4.85	-2.47	3.33	-13.7499
1596	2529	-0.88	0.63	-1.11	0.01	-0.33	-1.05	1.56	3.08	-2.42	-0.16	2.10	-2.49	-5.01	-2.08	3.41	-4.21	-7.48	2.68	-13.7375
1597	1649	0.43	-19.27	3.98	-11.11	1.75	2.13	-0.94	-2.18	5.83	1.66	-3.09	-2.81	4.29	2.34	-1.03	-0.43	17.57	-12.87	-13.7345
1598	2186	-0.23	-5.64	1.31	5.58	-1.02	1.07	-0.80	-2.41	1.30	0.57	-2.02	0.10	-0.83	-1.98	-1.03	0.80	0.03	-8.51	-13.7096
1599	3584	0.75	-13.62	2.91	0.01	2.10	0.01	-0.34	-0.51	2.38	-0.53	-1.43	1.30	0.39	0.86	-1.58	1.80	2.54	-10.75	-13.7029
1600	170	0.76	-13.00	2.34	0.01	1.06	2.13	-0.94	-5.89	3.24	0.93	-3.35	-2.81	1.34	-1.55	-1.58	-3.70	20.07	-12.75	-13.6824
1601	4296	0.63	-2.78	-0.42	-5.55	-1.02	0.54	1.09	-6.27	-0.37	0.57	-0.64	0.10	-2.70	1.04	3.41	1.95	0.03	-3.30	-13.6708
1602	1032	-1.55	5.53	-2.85	-11.11	-0.68	-2.64	1.56	0.07	-4.14	-0.89	3.17	-2.49	-6.95	-1.89	3.41	-2.64	2.54	7.89	-13.6621
1603	3730	0.20	7.26	-0.56	-5.55	-1.37	0.54	-0.80	-2.88	-0.06	-1.98	-2.70	0.10	-2.36	-1.14	-1.03	0.39	-4.98	3.23	-13.6589
1604	4205	-0.45	4.90	-0.51	5.58	-0.33	-1.05	1.56	-6.95	0.21	-3.80	-2.38	1.30	-2.04	-2.33	3.41	-3.31	-9.99	2.50	-13.6553
1605	4968	-0.82	4.33	-1.24	-5.55	-1.37	-2.11	-0.80	-4.09	-3.13	0.57	-1.25	4.80	-5.81	4.77	-1.58	2.49	-7.48	4.64	-13.6503
1606	3089	-0.28	5.23	-0.53	-5.55	0.02	-0.52	-0.94	-5.66	0.04	-0.16	-2.38	-2.81	-2.24	1.39	-1.03	1.01	-2.47	3.23	-13.6454
1607	1164	-1.55	-3.11	-0.39	5.58	-0.33	-2.11	1.56	-9.49	-0.15	-1.98	-0.64	1.30	-2.44	-2.97	3.41	-1.34	5.04	-4.03	-13.6305
1608	4093	0.32	1.62	-1.68	0.01	0.02	-1.05	1.56	4.15	-3.11	-0.89	1.29	-2.49	-5.79	-0.80	3.41	-5.02	-9.99	4.79	-13.6275
1609	3499	0.81	-7.19	1.49	5.58	0.36	2.13	-0.34	-4.33	4.12	-1.25	-1.21	1.30	2.36	-1.61	-1.03	3.66	-9.99	-8.51	-13.6242
1610	598	-1.97	6.93	-0.52	5.58	-0.68	-2.11	-0.34	-6.10	0.16	-4.53	-2.70	1.30	-2.10	-5.16	-1.03	-2.89	0.03	2.50	-13.6186
1611	3810	2.40	-7.80	2.47	-11.11	-1.02	3.19	-0.80	-2.17	4.10	1.29	-1.66	0.10	2.33	0.47	-1.03	1.67	2.54	-8.56	-13.6077
1612	1439	-0.27	-7.94	1.84	-5.55	-1.72	2.13	1.09	-8.09	2.65	-2.71	-2.99	0.10	0.70	-3.71	1.75	0.65	12.56	-4.09	-13.6023
1613	3169	1.91	-9.84	2.50	-11.11	0.36	2.13	-0.94	-4.95	4.20	3.11	-1.35	-2.81	2.44	3.00	-1.03	2.29	5.04	-8.56	-13.5943
1614	3155	1.52	-7.94	1.84	-5.55	0.02	3.19	-0.94	-6.78	2.69	1.29	-1.18	-2.81	0.74	1.50	-2.69	5.55	0.03	-4.09	-13.5932
1615	486	-1.21	3.65	-1.70	0.01	-0.33	-2.11	-0.34	5.00	-3.17	-1.62	0.98	-2.49	-5.85	-3.63	-1.03	-4.60	0.03	4.79	-13.5908
1616	1605	-1.49	5.23	-0.54	-5.55	-0.33	0.54	-0.94	-6.73	0.03	0.20	-2.38	-2.81	-2.25	-0.04	-1.03	1.22	0.03	3.23	-13.5839
1617	356	-0.18	-3.15	-1.41	0.01	-1.02	-2.64	-0.34												

1620	1685	0.71	-9.84	2.49	-11.11	0.02	3.19	-0.94	-6.02	4.19	3.48	-1.35	-2.81	2.43	1.57	-1.03	2.49	7.55	8.56	-13.5327	
1621	1671	0.31	-7.94	1.84	-5.55	-0.33	4.25	-0.94	-7.85	2.69	1.66	-1.18	-2.81	0.73	0.07	-2.69	5.75	2.54	-4.09	-13.5316	
1622	3826	0.68	6.98	-1.31	0.01	-0.33	-2.11	1.56	-1.29	-2.75	-1.98	0.83	-2.49	-5.37	-1.97	2.86	-5.20	-4.98	3.33	-13.5239	
1623	3064	0.15	-2.12	0.23	5.58	0.02	0.54	-0.94	-7.00	-1.24	0.57	-1.50	-2.81	-3.68	1.52	-2.14	2.35	-2.47	-0.57	-13.5178	
1624	2022	0.30	-6.79	2.14	11.14	1.06	0.01	-0.34	-3.35	3.09	-0.16	-1.69	1.30	1.18	-3.72	-1.03	-1.45	-2.47	-12.75	-13.5169	
1625	5061	1.02	-9.84	2.49	-11.11	-0.68	2.13	-0.80	-0.98	4.16	1.29	-3.16	4.80	2.40	4.72	-0.47	-0.96	0.03	-8.56	-13.5141	
1626	4014	0.62	2.66	-1.11	0.01	0.02	-1.05	1.56	4.37	-2.42	-1.62	1.79	-2.49	-5.01	-1.84	2.86	-4.56	-9.99	2.68	-13.5116	
1627	6140	0.75	-7.19	-0.95	-5.55	1.06	0.54	-0.94	5.29	-0.70	4.57	-0.74	2.65	-3.07	4.98	-1.03	-1.33	-9.99	-1.85	-13.5042	
1628	4376	0.63	-1.79	-1.00	-5.55	-1.02	1.60	1.09	-6.27	-1.06	0.20	-1.45	0.10	-3.49	0.90	3.41	1.34	0.03	-1.19	-13.4970	
1629	4041	0.08	8.38	-3.33	0.01	-0.68	-2.64	1.56	2.06	-5.18	-1.62	1.87	-2.49	-8.11	-1.13	3.41	-6.40	-9.99	10.68	-13.4832	
1630	3030	0.78	-5.64	1.33	5.58	0.71	0.01	-0.94	-3.90	1.40	0.93	-2.02	-2.81	-0.71	0.80	-1.58	1.07	0.03	-8.51	-13.4702	
1631	1244	-1.55	-2.12	-0.97	5.58	-0.33	-1.05	1.56	-9.49	-0.84	-2.34	-1.45	-9.49	1.30	-3.23	-3.12	3.41	-1.95	5.04	-1.92	-13.4567
1632	1580	-1.06	-2.12	0.23	5.58	-0.33	1.60	-0.94	-8.06	-1.25	0.93	-1.50	-2.81	-3.69	0.09	-2.14	2.55	0.03	-0.57	-13.4563	
1633	4763	-0.35	-0.74	0.05	-5.55	0.36	-0.52	-0.34	-3.98	2.32	-0.53	-0.95	6.00	0.34	2.99	-1.03	4.27	-12.49	-3.30	-13.4522	
1634	3579	0.81	-6.20	0.92	5.58	0.36	3.19	-0.34	-4.33	3.43	-1.62	-2.02	1.30	1.57	-1.76	-1.03	3.05	-9.99	-6.40	-13.4504	
1635	434	-1.44	10.41	-3.34	0.01	-1.02	-3.70	-0.34	2.91	-5.23	-2.34	1.56	-2.49	-8.17	-3.96	-1.03	-5.98	0.03	10.68	-13.4465	
1636	1546	-0.42	-5.64	1.33	5.58	0.36	1.07	-0.94	-4.97	1.39	1.29	-2.02	-2.81	-0.72	-0.63	-1.58	1.27	2.54	-8.51	-13.4086	
1637	1184	-0.96	-5.18	2.01	0.01	0.02	-1.05	1.56	-8.22	1.48	-1.62	-0.69	1.30	-0.61	-3.63	2.30	0.89	7.55	-8.56	-13.3926	
1638	2214	-0.47	2.11	-0.91	5.58	-1.72	0.54	-0.80	-4.50	-1.47	-0.53	-2.25	0.10	-3.94	-2.45	-1.03	-1.19	0.03	-0.51	-13.3914	
1639	2701	-0.53	-1.99	1.34	0.01	-0.33	0.54	1.56	-7.31	2.91	-1.62	-1.98	1.30	1.00	-3.11	3.41	-1.09	-2.47	-5.04	-13.3876	
1640	2687	-0.93	-0.09	0.69	5.58	-0.68	1.60	1.56	-9.13	1.40	-3.43	-1.82	1.30	-0.71	-4.61	1.75	2.17	-7.48	-0.57	-13.3865	
1641	2942	0.07	-0.27	0.23	-5.55	-2.06	0.01	1.09	-7.22	0.94	-0.89	-1.74	0.10	-1.23	-1.79	2.86	-0.85	2.54	0.39	-13.3600	
1642	6	-1.35	-9.04	3.49	-11.11	0.36	-3.17	-0.94	-5.37	5.03	4.20	2.57	15.71	-18.96	7.27	-1.58	-4.19	12.56	-8.84	-13.3562	
1643	3906	0.68	7.96	-1.89	0.01	-0.33	-1.05	1.56	-1.29	-3.44	-2.34	0.02	-2.49	-6.16	-2.12	2.86	-5.81	-4.98	5.45	-13.3501	
1644	2102	0.30	-5.80	1.56	11.14	1.06	1.07	-0.34	-3.35	2.39	-0.53	-2.50	1.30	0.39	-3.86	-1.03	-2.06	-2.47	-10.64	-13.3430	
1645	1454	0.42	-7.80	2.48	-11.11	-1.37	2.13	1.09	-6.04	4.15	-1.98	-3.47	0.10	2.39	-3.40	2.86	-2.78	17.57	-8.56	-13.3253	
1646	3527	0.57	0.56	-0.72	5.58	-0.33	1.60	-0.34	-6.42	1.36	-2.34	-1.44	1.30	-0.75	-2.08	-1.03	1.67	-9.99	-0.51	-13.3060	
1647	3948	1.96	-14.65	2.49	-5.55	1.40	-0.52	1.56	1.19	0.91	-0.89	0.31	-2.49	-1.25	1.06	2.30	-4.98	10.05	-6.23	-13.3019	
1648	3110	0.78	-4.65	0.76	5.58	0.71	1.07	-0.94	-3.90	0.70	0.57	-2.83	-2.81	-1.50	0.65	-1.58	0.46	0.03	-6.40	-13.2963	
1649	1734	-1.06	14.08	-2.14	0.01	-1.37	-2.64	-0.34	-1.59	-2.83	-2.71	0.22	-2.49	-5.46	-3.47	-1.03	-4.29	-7.48	11.27	-13.2922	
1650	335	0.20	-7.23	0.48	0.01	-0.68	0.54	-0.34	-2.00	1.92	-1.62	-0.28	-2.49	-0.12	-3.20	-1.03	-3.15	7.55	-1.88	-13.2907	
1651	1922	-1.12	9.77	-1.93	0.01	-1.02	-1.58	-0.34	4.07	-2.50	-2.34	1.18	-2.49	-5.10	-3.34	-1.03	-3.65	-12.49	10.61	-13.2786	
1652	4843	-0.35	0.24	-0.53	-5.55	0.36	0.54	-0.34	-3.98	1.63	-0.89	-1.76	6.00	-0.45	2.84	-1.03	3.66	-12.49	-1.19	-13.2783	
1653	2340	-1.16	8.86	-1.45	0.01	-1.02	-2.11	1.56	-4.42	-4.20	-1.62	1.83	-2.49	-7.01	-2.60	2.30	-2.53	-4.98	7.75	-13.2688	
1654	2303	0.27	-1.83	0.57	-5.55	-2.06	2.13	-0.80	-6.35	1.02	0.20	-0.93	0.10	-1.14	-1.68	-2.14	4.50	0.03	0.39	-13.2664	
1655	4602	0.83	0.43	-1.11	0.01	-0.33	-3.70	-0.34	1.35	-2.49	0.93	0.98	2.21	-5.07	3.95	-1.03	-5.02	-7.48	2.61	-13.2596	
1656	2528	-1.22	4.55	-1.25	0.01	-0.68	-1.05	1.56	1.23	-3.88	-1.25	2.79	-2.49	-6.65	-2.47	2.30	-1.89	-9.99	7.10	-13.2565	
1657	3705	0.68	-6.04	0.35	5.58	-1.02	1.60	-0.80	-2.58	0.12	0.93	-2.19	0.10	-2.15	0.56	-0.47	-0.44	-2.47	-4.99	-13.2445	
1658	1626	-0.42	-4.65	0.76	5.58	0.36	2.13	-0.94	-4.97	0.70	0.93	-2.83	-2.81	-1.51	-0.78	-1.58	0.66	2.54	-6.40	-13.2348	
1659	815	0.61	-9.36	2.82	-11.11	-1.37	4.25	-0.80	-5.18	4.23	-0.89	-2.66	0.10	2.47	-3.28	-2.14	2.57	15.06	-8.56	-13.2318	
1660	3312	2.61	-10.41	0.84	5.58	0.71	1.60	-0.34	0.07	1.02	0.93	0.37	-2.49	-1.16	0.06	-0.47	-6.07	0.03	-6.12	-13.2274	
1661	1264	-0.96	-4.19	1.44	0.01	0.02	0.01	1.56	-8.22	0.79	-1.98	-1.50	1.30	-1.40	-3.78	2.30	0.28	7.55	-6.45	-13.2188	
1662	809	0.65	-15.03	2.32	0.01	-0.33	2.13	-0.80	-3.54	3.16	1.29	-3.03	0.10	1.25	-1.72	-0.47	-4.02	17.57	-12.75	-13.2155	
1663	3368	0.28	5.19	-2.66	0.01	-0.33	-1.05	-0.34	3.95	-3.92	-0.16	3.17	-2.49	-6.70	0.05	-0.47	-2.39	-12.49	7.16	-13.1760	
1664	1361	-1.38	0.41	-1.10	-5.55	-1.72	-2.11	1.09	-7.53	-1.68	-0.53	-1.93	0.10	-4.17	-1.78	3.41	-1.49	12.56	0.22	-13.1747	
1665	4670	-1.07	16.22	-3.37	-11.11	-0.68	-5.29	-0.34	5.47	-4.30	-1.98	1.43	2.21	-7.11	2.69	-1.03	-3.24	-17.50	15.82	-13.1716	
1666	4186	0.97	0.05	1.34	0.01	0.02	0.54	1.56	-6.02	2.91	-3.07	-2.30	1.30	0.99	-2.86	2.86	-1.45	-4.98	-5.04	-13.1616	
1667	2949	0.02	-8.42	1.49	-5.55	-1.72	2.13	1.09	-6.37	2.52	0.93	-1.68	0.10	0.55	-0.21	3.41	0.10	2.54	-4.09	-13.1582	
1668	3058	0.54	2.11	-0.88	5.58	0.02	-0.52	-0.94	-6.00	-1.37	-0.16	-2.25	-2.81	-3.82	0.33	-1.58	-0.92	0.03	-0.51	-13.1520	
1669	4092	-0.02	5.54	-1.82	0.01	-0.33	-1.05	1.56	2.30	-4.56	-1.98	1.98	-2.49	-7.43	-1.19	2.30	-2.70	-12.49	9.21	-13.1465	
1670	2380	-0.63	5.03	-2.58	0.01	-1.02	-1.58	1.56	-4.98	-3.82	-0.53	1.47	-2.49	-6.59	-1.44	3.41	-3.34	-2.47	6.85	-13.1303	
1671	5994	-0.46	9.05	-2.11	-5.55	1.06	-3.17	-0.94	6.85	-2.67	1.29	-1.76	2.65	-5.28	1.67	-1.58	-3.04	-12.49	3.36	-13.1254	
1672	2568	-0.69	0.72	-2.37	0.01	-0.68	-0.52	1.56	0.68	-3.50	-0.16	2.43	-2.49	-6.23	-1.31	3.41	-2.70	-7.48	6.19	-13.1167	
1673	3984	2.24	-5.22	1.00	-5.55	-0.33	0.54	1.56	-2.64	-0.73	0.93	2.05	-2.49	-3.10	0.29	2.30	-2.06	0.03	-1.92	-13.1001	
1674	2420	-1.16	9.85	-2.03	0.01	-1.02	-1.05	1.56	-4.42	-4.90	-1.98	1.02	-2.49	-7.80	-2.75	2.30	-3.14	-4.98	9.87	-13.0950	
1675	1574	-0.66	2.11	-0.89	5.58	-0.33	0.54	-0.94	-7.06	-1.37	0.20	-2.25	-2.81	-3.83	-1.11	-1.58	-0.72	2.54	-0.51	-13.0905	
1676	3547	1.16	-1.51	1.68	0.01	0.02	2.66	-0.34	-5.15	2.99	-1.98	-1.49	1.30	1.08	-2.74	-2.14	3.90	-7.48	-5.04	-13.0681	
1677	3649	-0.09	4.24	0.02	-5.55	-1.37	-0.52	-0.80	-3.10	0.64	-0.53	-1.57	0.10	-1.56	0.20	-0.47	1.15	-4.98	1.12	-13.0648	
1678	4609	0.77	-7.72	0.14	0.01	0.02	-1.58	-0.34	2.21	-0.90	2.75	1.04	2.21	-3.29	5.53	-0.47	-4.07	-7.48	-1.88	-13.0578	
1679	385	-2.27	12.55	-2.41	-11.11	-1.02	-3.70	-0.34	3.24	-3.14	-1.98	2.23	-2.49	-5.81	-2.74	-0.47	-3.44	-2.47	12.31	-13.0561	
1680	3541	1.20	-7.18	1.18	11.14	1.06	0.54	-0.34	-3.52	1.91	0.20	-1.86	1.30	-0.15	-1.18	-0.47	-2.69	-4.98	-9.24	-13.0518	
1681	3773	1.83	-19.27	3.96	-11.11	0.71	2.13	-0.80	1.45	5.75	0.57	-3.09	0.10	4.19	2.43	-0.47	-1.10	12.56	-12.87	-13.0416	
1682	1875	-0.63	7.56	-2.22	-11.11	-0.68	0.54	-0.34	3.1												

1685	2601	-1.12	7.73	-2.94	0.01	-0.68	-2.11	1.56	2.01	4.69	-1.25	1.55	-2.49	-7.57	-2.63	3.41	-5.61	-7.48	9.27	-13.0065
1686	2007	-0.63	-1.08	0.24	5.58	-0.33	1.07	-0.34	-6.46	2.54	-1.62	-0.95	1.30	0.58	-3.44	-1.03	3.07	-7.48	-4.03	-13.0032
1687	4040	-0.25	12.30	-3.46	0.01	-1.02	-2.64	1.56	0.21	-6.63	-2.71	2.56	-2.49	-9.76	-1.51	2.30	-4.08	-12.49	15.10	-13.0021
1688	1663	0.08	-1.83	0.59	-5.55	-0.68	2.13	-0.94	-8.92	1.11	0.93	-0.93	-2.81	-1.04	-0.33	-2.69	4.97	2.54	0.39	-12.9655
1689	6074	-0.46	10.04	-2.69	-5.55	1.06	-2.11	-0.94	6.85	-3.36	0.93	-2.57	2.65	-6.06	1.52	-1.58	-3.65	-12.49	5.47	-12.9515
1690	2466	1.51	-6.83	1.14	5.58	0.36	0.54	1.56	-1.64	0.93	-0.89	-0.76	-2.49	-1.25	-3.66	2.86	-8.84	5.04	-6.12	-12.9420
1691	2185	-0.53	-7.67	1.31	5.58	-1.02	1.07	-0.80	-2.63	1.30	1.66	-1.70	0.10	-0.82	-0.80	-0.47	0.95	0.03	-8.51	-12.9417
1692	3388	0.87	3.13	-0.26	-5.55	0.02	0.01	-0.34	5.22	-2.29	0.20	3.12	-2.49	-4.87	-0.60	-1.58	-0.16	-9.99	2.63	-12.9381
1693	6132	0.51	-1.08	-2.19	-5.55	0.71	-1.58	-0.94	4.22	-2.28	3.84	-0.49	2.65	-4.84	4.58	-1.03	-2.12	-9.99	2.63	-12.9380
1694	4434	1.51	-6.38	1.48	-5.55	-1.37	2.13	1.09	-5.08	2.52	-0.53	-1.99	0.10	0.55	0.03	2.86	-0.26	0.03	-4.09	-12.9323
1695	175	0.42	-9.36	2.84	-11.11	0.02	4.25	-0.94	-7.74	4.33	-0.16	-2.66	-2.81	2.58	-1.94	-2.69	3.04	17.57	-8.56	-12.9309
1696	4031	0.04	14.67	-3.02	-11.11	-1.02	-2.11	1.56	0.43	-4.16	-3.43	2.24	-2.49	-6.97	-2.49	1.75	-0.13	-12.49	15.82	-12.9260
1697	3439	0.57	8.55	-2.80	-11.11	-0.33	0.54	-0.34	4.17	-2.14	-1.25	2.04	-2.49	-4.70	-1.07	-1.03	0.95	-12.49	10.00	-12.9248
1698	5080	1.02	-15.43	1.03	-5.55	-0.68	2.13	-0.80	-2.56	1.47	4.20	-0.74	4.80	-0.64	7.36	-0.47	2.92	-2.47	-8.51	-12.9225
1699	169	0.46	-15.03	2.34	0.01	1.06	2.13	-0.94	-6.11	3.25	2.02	-3.03	-2.81	1.35	-0.37	-1.03	-3.55	20.07	-12.75	-12.9145
1700	3729	-0.09	5.23	-0.56	-5.55	-1.37	0.54	-0.80	-3.10	-0.06	-0.89	-2.38	0.10	-2.35	0.05	-0.47	0.55	-4.98	3.23	-12.8910
1701	2522	-0.82	8.77	-2.36	0.01	-0.68	-2.11	1.56	2.23	-4.00	-1.98	2.04	-2.49	-6.79	-3.66	2.86	-5.16	-7.48	7.16	-12.8906
1702	1002	0.17	-5.68	0.14	0.01	-0.68	-1.58	1.56	-2.86	-0.91	-0.53	0.72	-2.49	-3.30	-2.59	2.86	-5.89	10.05	-1.88	-12.8690
1703	688	-1.19	-2.78	-0.43	-5.55	-1.37	-0.52	-0.80	-5.64	-0.42	0.93	-0.64	0.10	-2.76	-0.60	-0.47	2.52	10.05	-3.30	-12.8662
1704	2666	-0.23	-1.59	2.31	0.01	0.02	0.01	1.56	-6.07	4.09	-2.34	-1.81	1.30	2.33	-4.21	2.86	-0.05	-2.47	-8.56	-12.8588
1705	597	-2.27	4.90	-0.52	5.58	-0.68	-2.11	-0.34	-6.32	0.16	-3.43	-2.38	1.30	-2.09	-3.97	-0.47	-2.74	0.03	2.50	-12.8507
1706	3809	2.10	-9.84	2.47	-11.11	-1.02	3.19	-0.80	-2.39	4.11	2.38	-1.35	0.10	2.33	1.65	-0.47	1.82	2.54	-8.56	-12.8398
1707	3795	1.71	-7.94	1.82	-5.55	-1.37	4.25	-0.80	-4.21	2.60	0.57	-1.18	0.10	0.63	0.15	-2.14	5.08	-2.47	-4.09	-12.8387
1708	2087	-0.63	-0.09	-0.33	5.58	-0.33	2.13	-0.34	-6.46	1.85	-1.98	-1.76	1.30	0.63	-3.59	-1.03	2.46	-7.48	-1.92	-12.8294
1709	485	-1.50	1.62	-1.70	0.01	-0.33	-2.11	-0.34	4.78	-3.16	-0.53	1.29	-2.49	-5.84	-2.45	-0.47	-4.45	0.03	4.79	-12.8229
1710	4086	0.38	9.76	-2.94	0.01	-0.33	-2.11	1.56	3.30	-4.69	-2.71	1.23	-2.49	-7.57	-2.38	2.86	-5.97	-9.99	9.27	-12.7806
1711	2265	-0.53	-6.68	0.74	5.58	-1.02	2.13	-0.80	-2.63	0.61	1.29	-2.51	0.10	-1.60	-0.94	-0.47	0.35	0.03	-6.40	-12.7678
1712	2027	-0.04	-3.14	2.65	0.01	0.02	2.13	-0.34	-5.20	4.17	-1.25	-1.00	1.30	2.41	-4.10	-2.14	5.29	-4.98	-8.56	-12.7653
1713	3704	0.34	-2.12	0.21	5.58	-1.37	1.60	-0.80	-4.43	-1.33	-0.16	-1.50	0.10	-3.79	0.18	-1.58	1.88	-4.98	-0.57	-12.7634
1714	3825	0.38	4.94	-1.31	0.01	-0.33	-2.11	1.56	-1.50	-2.74	-0.89	1.14	-2.49	-5.37	-0.78	3.41	-5.05	-4.98	3.33	-12.7560
1715	2021	0.00	-8.82	2.14	11.14	1.06	0.01	-0.34	-3.57	3.09	0.93	-1.37	1.30	1.18	-2.53	-0.47	-1.29	-2.47	-12.75	-12.7490
1716	4013	0.32	0.63	-1.11	0.01	0.02	-1.05	1.56	4.15	-2.41	-0.53	2.10	-2.49	-5.00	-0.65	3.41	-4.41	-9.99	2.68	-12.7437
1717	4916	1.55	-16.58	1.86	0.01	1.40	1.07	-0.34	-3.49	3.26	3.48	-0.41	6.00	1.37	5.62	-0.47	0.67	-4.98	-12.75	-12.7298
1718	218	-1.15	6.98	-1.33	0.01	-0.68	-3.17	-0.34	-0.66	-2.80	-1.62	0.83	-2.49	-5.43	-3.61	-1.03	-4.63	5.04	3.33	-12.7194
1719	3670	0.97	-5.64	1.31	5.58	-0.68	1.07	-0.80	-1.34	1.30	0.20	-2.02	0.10	-0.82	-0.55	-1.03	0.60	-2.47	-8.51	-12.7158
1720	406	-1.21	2.66	-1.12	0.01	-0.33	-2.11	-0.34	5.00	-2.47	-1.25	1.79	-2.49	-5.06	-3.48	-1.03	-3.99	0.03	2.68	-12.7070
1721	3029	0.49	-7.67	1.34	5.58	0.71	0.01	-0.94	-4.12	1.40	2.02	-1.70	-2.81	-0.70	1.98	-1.03	1.22	0.03	-8.51	-12.7023
1722	1360	-1.72	4.33	-1.24	-5.55	-2.06	-2.11	1.09	-9.38	-3.13	-1.62	-1.25	0.10	-5.81	-2.17	2.30	0.83	10.05	4.64	-12.6936
1723	768	-1.19	-1.79	-1.01	-5.55	-1.37	0.54	-0.80	-5.64	-1.11	0.57	-1.45	0.10	-3.54	-0.75	-0.47	1.91	10.05	-1.19	-12.6924
1724	2746	-0.23	-0.60	1.73	0.01	0.02	1.07	1.56	-6.07	3.39	-2.71	-2.62	1.30	1.54	-4.36	2.86	-0.66	-2.47	-6.45	-12.6850
1725	433	-1.74	8.38	-3.34	0.01	-1.02	-3.70	-0.34	2.69	-5.23	-1.25	1.87	-2.49	-8.17	-2.77	-0.47	-5.83	0.03	10.68	-12.6786
1726	6111	0.88	-5.16	-0.30	-5.55	1.06	1.60	-0.94	5.51	2.05	1.29	-2.87	2.65	0.02	2.08	-1.58	-1.56	-9.99	-1.85	-12.6466
1727	1545	-0.72	-7.67	1.33	5.58	0.36	1.07	-0.94	-5.19	1.40	2.38	-1.70	-2.81	-0.71	0.55	-1.03	1.42	2.54	-8.51	-12.6407
1728	4810	-0.83	1.47	0.34	5.58	0.02	-1.58	-0.34	-3.02	1.27	-2.34	-2.63	6.00	-0.84	2.00	-1.03	-1.14	-15.00	-0.57	-12.6383
1729	2213	-0.77	0.07	-0.91	5.58	-1.72	0.54	-0.80	-4.72	-1.46	0.57	-1.93	0.10	-3.93	-1.27	-0.47	-1.03	0.03	-0.51	-12.6235
1730	2941	-0.22	-2.30	0.24	-5.55	-2.06	0.01	1.09	-7.44	0.94	0.20	-1.42	0.10	-1.22	-0.61	3.41	-0.69	2.54	0.39	-12.5921
1731	2107	-0.04	-2.16	2.07	0.01	0.02	3.19	-0.34	-5.20	3.48	-1.62	-1.81	1.30	1.63	-4.25	-2.14	4.68	-4.98	-6.45	-12.5915
1732	5	-1.64	-11.08	3.49	-11.11	0.36	-3.17	-0.94	-5.58	5.04	5.29	2.88	15.71	-18.96	8.45	-1.03	-4.04	12.56	-8.84	-12.5883
1733	3905	0.38	5.93	-1.89	0.01	-0.33	-1.05	1.56	-1.50	-3.43	-1.25	0.33	-2.49	-6.15	-0.93	3.41	-5.66	-4.98	5.45	-12.5822
1734	4608	0.43	-3.80	0.00	0.01	-0.33	-1.58	-0.34	0.35	-2.36	1.66	1.72	2.21	-4.94	5.15	-1.58	-1.76	-9.99	2.54	-12.5768
1735	2101	0.00	-7.83	1.57	11.14	1.06	1.07	-0.34	-3.57	2.40	0.57	-2.18	1.30	0.40	-2.68	-0.47	-1.90	-2.47	-10.64	-12.5751
1736	48	-1.38	-2.78	-0.41	-5.55	0.02	-0.52	-0.94	-8.20	-0.33	1.66	-0.64	-2.81	-2.65	0.74	-1.03	2.99	12.56	-3.30	-12.5653
1737	1453	0.12	-9.84	2.49	-11.11	-1.37	2.13	1.09	-6.26	4.16	-0.89	-3.16	0.10	2.40	-2.22	3.41	-2.62	17.57	-8.56	-12.5574
1738	298	-1.15	7.96	-1.90	0.01	-0.68	-2.11	-0.34	-0.66	-3.49	-1.98	0.02	-2.49	-6.21	-3.76	-1.03	-5.24	5.04	5.45	-12.5455
1739	4934	-0.19	0.81	-0.13	-5.55	-0.68	-1.58	-0.80	-1.00	-0.50	0.93	-1.76	4.80	-2.84	4.05	-1.03	1.21	-4.98	-3.30	-12.5437
1740	3750	0.97	-4.65	0.73	5.58	-0.68	2.13	-0.80	-1.34	0.61	-0.16	-2.83	0.10	-1.61	-0.70	-1.03	-0.01	-2.47	-6.40	-12.5419
1741	3109	0.49	-6.68	0.76	5.58	0.71	1.07	-0.94	-4.12	0.71	1.66	-2.51	-2.81	-1.49	1.83	-1.03	0.61	0.03	-6.40	-12.5284
1742	2600	-1.46	11.65	-3.07	0.01	-1.02	-2.11	1.56	0.16	-6.15	-2.34	2.23	-2.49	-9.21	-3.01	2.30	-3.29	-9.99	13.69	-12.5255
1743	1733	-1.35	12.05	-2.13	0.01	-1.37	-2.64	-0.34	-1.81	-2.82	-1.62	0.53	-2.49	-5.45	-2.29	-0.47	-4.14	-7.48	11.27	-12.5243
1744	3506	1.50	-6.79	2.14	11.14	1.40	0.01	-0.34	-2.28	3.09	-0.53	-1.69	1.30	1.18	-2.28	-1.03	-1.65	-4.98	-12.75	-12.5230
1745	1921	-1.41	7.74	-1.93	0.01	-1.02	-1.58	-0.34	3.85	-2.49	-1.25	1.49	-2.49	-5.09	-2.16	-0.47	-3.50	-12.49	10.61	-12.5107
1746	340	0.14	-14.65	2.48	-5.55	1.06	-1.58	-0.34	1.82	0.86	-0.53	0.31	-2.49	-1.30	-0.58	-1.58	-4.41	20.07	-6.23	-12.4973
1747	1155	-1.25	-0.74	0.05	-5.55	-0.33	-0.52	1.56	-9.27	2.32										

1750	2184	-0.87	-3.76	1.18	5.58	-1.37	1.07	-0.80	-4.48	0.15	0.57	-1.02	0.10	-2.46	-1.18	-1.58	3.27	-2.47	4.09	-12.4606
1751	4669	-1.37	14.19	-3.37	-11.11	-0.68	-5.29	-0.34	5.26	-4.29	-0.89	1.75	2.21	-7.10	3.87	-0.47	-3.09	-17.50	15.82	-12.4037
1752	3698	0.73	2.11	-0.91	5.58	-1.37	0.54	-0.80	-3.43	-1.46	-0.89	-2.25	0.10	-3.93	-1.02	-1.03	-1.39	-2.47	-0.51	-12.3976
1753	4185	0.67	-1.99	1.34	0.01	0.02	0.54	1.56	-6.24	2.91	-1.98	-1.98	1.30	1.00	-1.68	3.41	-1.29	-4.98	-5.04	-12.3937
1754	4171	0.28	-0.09	0.69	5.58	-0.33	1.60	1.56	-8.07	1.41	-3.80	-1.82	1.30	-0.70	-3.18	1.75	1.97	-9.99	-0.57	-12.3926
1755	128	-1.38	-1.79	-0.99	-5.55	0.02	0.54	-0.94	-8.20	-1.02	1.29	-1.45	-2.81	-3.44	0.60	-1.03	2.38	12.56	-1.19	-12.3915
1756	3057	0.25	0.07	-0.88	5.58	0.02	-0.52	-0.94	-6.21	-1.36	0.93	-1.93	-2.81	-3.82	1.51	-1.03	-0.77	0.03	-0.51	-12.3841
1757	5014	-0.19	1.79	-0.71	-5.55	-0.68	-0.52	-0.80	-1.00	-1.19	0.57	-2.57	4.80	-3.63	3.90	-1.03	0.60	-4.98	-1.19	-12.3698
1758	4426	1.28	-0.27	0.24	-5.55	-1.72	0.01	1.09	-6.15	0.94	-1.25	-1.74	0.10	-1.22	-0.36	2.86	-1.05	0.03	0.39	-12.3661
1759	5993	-0.76	7.02	-2.11	-5.55	1.06	-3.17	-0.94	6.63	-2.66	2.38	-1.45	2.65	-5.27	2.85	-1.03	-2.89	-12.49	3.36	-12.3575
1760	578	-0.85	0.05	1.33	0.01	-0.33	-0.52	-0.34	-5.39	2.85	-2.71	-2.30	1.30	0.94	-4.51	-1.03	-0.88	5.04	-5.04	-12.3571
1761	5072	0.78	-9.32	-0.22	-5.55	-1.02	0.01	-0.80	-3.62	-0.11	3.48	-0.49	4.80	-2.41	6.96	-0.47	2.13	-2.47	-4.03	-12.3563
1762	3586	1.50	-5.80	1.57	11.14	1.40	1.07	-0.34	-2.28	2.40	-0.89	-2.50	1.30	0.40	-2.43	-1.03	-2.26	-4.98	-10.64	-12.3492
1763	484	-1.84	5.54	-1.83	0.01	-0.68	-2.11	-0.34	2.93	-4.61	-1.62	1.98	-2.49	-7.48	-2.83	-1.58	-2.13	-2.47	9.21	-12.3419
1764	1573	-0.96	0.07	-0.88	5.58	-0.33	0.54	-0.94	-7.28	-1.37	1.29	-1.93	-2.81	-3.83	0.08	-1.03	-0.57	2.54	-0.51	-12.3225
1765	1235	-1.25	0.24	-0.53	-5.55	-0.33	0.54	1.56	-9.27	1.63	-3.07	-1.76	1.30	-0.45	-4.10	2.86	2.00	5.04	-1.19	-12.3216
1766	994	-0.07	0.43	-1.11	0.01	-1.02	-3.70	1.56	-3.93	-2.49	-1.25	0.98	-2.49	-5.07	-2.99	2.86	-6.68	10.05	2.61	-12.3029
1767	3218	0.15	14.08	-2.13	0.01	-1.02	-2.64	-0.34	-0.52	-2.82	-3.07	0.22	-2.49	-5.45	-2.04	-1.03	-4.49	-9.99	11.27	-12.2984
1768	376	0.41	-5.22	0.99	-5.55	-0.68	-0.52	-0.34	-2.02	-0.78	1.29	2.05	-2.49	-3.16	-1.36	-1.58	-1.49	10.05	-1.92	-12.2955
1769	2264	-0.87	-2.77	0.60	5.58	-1.37	2.13	-0.80	-4.48	-0.85	0.20	-1.83	0.10	-3.25	-1.33	-1.58	2.66	-2.47	-1.98	-12.2868
1770	3406	0.09	9.77	-1.93	0.01	-0.68	-1.58	-0.34	5.13	-2.49	-2.71	1.18	-2.49	-5.09	-1.91	-1.03	-3.85	-15.00	10.61	-12.2847
1771	3824	0.04	8.86	-1.45	0.01	-0.68	-2.11	1.56	-3.36	-4.20	-1.98	1.83	-2.49	-7.01	-1.17	2.30	-2.73	-7.48	7.75	-12.2750
1772	3787	1.47	-1.83	0.57	-5.55	-1.72	2.13	-0.80	-5.28	1.02	-0.16	-0.93	0.10	-1.14	-0.25	-2.14	4.29	-2.47	0.39	-12.2726
1773	4012	-0.02	4.55	-1.24	0.01	-0.33	-1.05	1.56	2.30	-3.87	-1.62	2.79	-2.49	-6.65	-1.04	2.30	-2.09	-12.49	7.10	-12.2626
1774	3028	0.15	-3.76	1.20	5.58	0.36	0.01	-0.94	-5.97	-0.05	0.93	-1.02	-2.81	-2.35	1.60	-2.14	3.54	-2.47	-4.09	-12.2212
1775	1062	-1.97	16.22	-3.37	-11.11	-1.37	-5.29	1.56	0.19	-4.30	-4.16	1.43	-2.49	-7.11	-4.25	2.86	-4.90	0.03	15.82	-12.2150
1776	432	-2.08	12.30	-3.47	0.01	-1.37	-3.70	-0.34	0.84	-6.68	-2.34	2.56	-2.49	-9.81	-3.16	-1.58	-3.51	-2.47	15.10	-12.1975
1777	2471	1.17	-3.19	1.65	-5.55	-0.68	2.66	1.56	-3.50	2.01	-1.98	-0.07	-2.49	-0.02	-4.04	1.75	-2.10	2.54	-1.92	-12.1904
1778	6073	-0.76	8.01	-2.69	-5.55	1.06	-2.11	-0.94	6.63	-3.35	2.02	-2.26	2.65	-6.06	2.70	-1.03	-3.50	-12.49	5.47	-12.1836
1779	2465	1.21	-8.86	1.14	5.58	0.36	0.54	1.56	-1.86	0.94	0.20	-0.44	-2.49	-1.25	-2.47	3.41	-8.68	5.04	-6.12	-12.1741
1780	4433	1.22	-8.42	1.49	-5.55	-1.37	2.13	1.09	-5.30	2.53	0.57	-1.68	0.10	0.55	1.22	3.41	-0.11	0.03	-4.09	-12.1644
1781	2842	-1.00	7.91	-0.94	-5.55	-2.06	-1.05	1.09	-7.22	-0.53	-2.34	-2.37	0.10	-2.88	-2.75	2.86	-0.11	0.03	4.64	-12.1599
1782	1544	-1.06	-3.76	1.20	5.58	0.02	1.07	-0.94	-7.04	-0.06	1.29	-1.02	-2.81	-2.36	0.17	-2.14	3.74	0.03	-4.09	-12.1597
1783	2212	-1.10	3.99	-1.04	5.58	-2.06	0.54	-0.80	-6.57	-2.91	-0.53	-1.25	0.10	-5.57	-1.65	-1.58	1.28	-2.47	3.91	-12.1424
1784	3864	0.57	5.03	-2.57	0.01	-0.68	-1.58	1.56	-3.91	-3.82	-0.89	1.47	-2.49	-6.58	-0.01	3.41	-3.54	-4.98	6.85	-12.1365
1785	826	-0.31	-6.38	1.47	-5.55	-1.72	1.07	-0.80	-4.45	2.47	-0.16	-1.99	0.10	0.49	-1.61	-1.03	0.31	10.05	-4.09	-12.1277
1786	4052	0.51	0.72	-2.37	0.01	-0.33	-0.52	1.56	1.75	-3.49	-0.53	2.43	-2.49	-6.22	0.12	3.41	-2.90	-9.99	6.19	-12.1228
1787	2521	-1.12	6.74	-2.36	0.01	-0.68	-2.11	1.56	2.01	-4.00	-0.89	2.36	-2.49	-6.78	-2.48	3.41	-5.00	-7.48	7.16	-12.1227
1788	423	-1.78	14.67	-3.04	-11.11	-1.37	-3.17	-0.34	1.06	-4.21	-3.07	2.24	-2.49	-7.03	-4.14	-2.14	0.44	-2.47	15.82	-12.1214
1789	1001	-0.13	-7.72	0.14	0.01	-0.68	-1.58	1.56	-3.08	-0.90	0.57	1.04	-2.49	-3.29	-1.41	3.41	-5.73	10.05	-1.88	-12.1011
1790	3904	0.04	9.85	-2.03	0.01	-0.68	-1.05	1.56	-3.36	-4.89	-2.34	1.02	-2.49	-7.79	-1.32	2.30	-3.34	-7.48	9.87	-12.1011
1791	2178	-0.47	0.47	0.06	5.58	-1.37	0.01	-0.80	-3.48	-0.28	-0.16	-1.76	0.10	-2.60	-2.38	-1.03	0.01	0.03	-4.03	-12.0948
1792	2665	-0.53	-3.62	2.31	0.01	0.02	0.01	1.56	-6.28	4.09	-1.25	-1.50	1.30	2.33	-3.03	3.41	0.10	-2.47	-8.56	-12.0909
1793	2651	-0.93	-1.72	1.66	5.58	-0.33	1.07	1.56	-8.11	2.59	-3.07	-1.33	1.30	0.63	-4.53	1.75	3.37	-7.48	-4.09	-12.0898
1794	2203	-0.81	6.36	-0.60	-5.55	-2.06	1.07	-0.80	-6.35	-0.44	-1.25	-1.56	0.10	-2.79	-2.63	-2.14	5.24	-2.47	4.64	-12.0663
1795	5051	1.16	-13.40	1.68	-5.55	-0.68	3.19	-0.80	-2.34	4.22	0.93	-2.87	4.80	2.46	4.46	-1.03	2.69	-2.47	-8.51	-12.0649
1796	3108	0.15	-2.77	0.62	5.58	0.36	1.07	-0.94	-5.97	-0.75	0.57	-1.83	-2.81	-3.13	1.45	-2.14	2.93	-2.47	-1.98	-12.0474
1797	3359	0.57	7.56	-2.22	-11.11	-0.33	0.54	-0.34	4.17	-1.45	-0.89	2.85	-2.49	-3.92	-0.92	-1.03	1.56	-12.49	7.89	-12.0410
1798	2936	1.46	-16.58	2.04	0.01	-0.33	4.25	1.09	-6.62	3.31	1.66	-2.22	0.10	1.41	-0.65	3.41	-1.69	10.05	-12.75	-12.0387
1799	4085	0.08	7.73	-2.93	0.01	-0.33	-2.11	1.56	3.08	-4.68	-1.62	1.55	-2.49	-7.56	-1.20	3.41	-5.81	-9.99	9.27	-12.0127
1800	4600	0.20	2.31	-1.25	0.01	-0.68	-3.70	-0.34	-0.71	-3.93	0.93	1.98	2.21	-6.70	4.75	-1.58	-2.55	-9.99	7.03	-12.0106
1801	3491	0.57	-1.08	0.25	5.58	0.02	1.07	-0.34	-5.39	2.55	-1.98	-0.95	1.30	0.58	-2.01	-1.03	2.87	-9.99	-4.03	-12.0094
1802	1624	-1.06	-2.77	0.62	5.58	0.02	2.13	-0.94	-7.04	-0.75	0.93	-1.83	-2.81	-3.14	0.02	-2.14	3.13	0.03	-1.98	-11.9858
1803	478	-1.44	9.76	-2.95	0.01	-0.68	-3.17	-0.34	3.93	-4.74	-2.34	1.23	-2.49	-7.62	-4.03	-1.03	-5.40	0.03	9.27	-11.9760
1804	1472	0.12	-15.43	1.03	-5.55	-1.37	2.13	1.09	-7.84	1.47	2.02	-0.74	0.10	-0.64	0.42	3.41	1.26	15.06	-8.51	-11.9658
1805	1822	0.86	-11.07	2.78	-5.55	1.06	-0.52	-0.34	3.98	3.47	-1.25	-0.81	-2.49	1.63	-1.16	-1.03	-5.35	10.05	-6.23	-11.9635
1806	217	-1.44	4.94	-1.33	0.01	-0.68	-3.17	-0.34	-0.88	-2.79	-0.53	1.14	-2.49	-5.42	-2.43	-0.47	-4.48	5.04	3.33	-11.9515
1807	3950	2.71	-6.83	1.14	5.58	0.71	0.54	1.56	-0.58	0.94	-1.25	-0.76	-2.49	-1.25	-2.23	2.86	-9.04	2.54	-6.12	-11.9481
1808	3669	0.68	-7.67	1.31	5.58	-0.68	1.07	-0.80	-1.56	1.31	1.29	-1.70	0.10	-0.81	0.64	-0.47	0.75	-2.47	-8.51	-11.9478
1809	405	-1.50	0.63	-1.12	0.01	-0.33	-2.11	-0.34	4.78	-2.47	-0.16	2.10	-2.49	-5.06	-2.30	-0.47	-3.84	0.03	2.68	-11.9391
1810	2258	-0.47	1.46	-0.52	5.58	-1.37	1.07	-0.80	-3.48	-0.97	-0.53	-2.57	0.10	-3.39	-2.52	-1.03	-0.60	0.03	-1.92	-11.9209
1811	2745	-0.53	-2.64	1.73	0.01	0.02	1.07	1.56	-6.28	3.40	-1.62	-2.31	1.30	1.55	-3.18	3.41	-0.51	-2.47	-6.45	-11.9171
1812	2731	-0.93	-0.74	1.08	5.58	-0.33	2.13	1.56	-8.11	1.90	-3.43									

1815	5992	-1.10	10.93	-2.25	-5.55	0.71	-3.17	-0.94	4.78	4.12	1.29	-0.76	2.65	-6.91	2.47	-2.14	-0.57	-15.00	7.78	-11.8764
1816	4809	-1.13	-0.57	0.34	5.58	0.02	-1.58	-0.34	-3.24	1.28	-1.25	-2.31	6.00	-0.83	3.18	-0.47	-0.99	-15.00	-0.57	-11.8704
1817	4150	0.97	-1.59	2.31	0.01	0.36	0.01	1.56	-5.00	4.09	-2.71	-1.81	1.30	2.33	-2.78	2.86	-0.25	-4.98	-8.56	-11.8650
1818	3022	0.54	0.47	0.08	5.58	0.36	-1.05	-0.94	-4.97	-0.18	0.20	-1.76	-2.81	-2.49	0.40	-1.58	0.27	0.03	-4.03	-11.8554
1819	6116	0.82	-12.58	1.70	-11.11	2.79	-0.52	-0.94	9.33	0.99	2.38	-2.28	2.65	-1.16	4.70	-2.14	-2.82	2.54	-6.20	-11.8532
1820	1572	-1.29	3.99	-1.02	5.58	-0.68	0.54	-0.94	-9.13	-2.82	0.20	-1.25	-2.81	-5.47	-0.31	-2.14	1.75	0.03	3.91	-11.8415
1821	3571	0.57	-0.09	-0.33	5.58	0.02	2.13	-0.34	-5.39	1.85	-2.34	-1.76	1.30	-0.20	-2.16	-1.03	2.26	-9.99	-1.92	-11.8356
1822	3047	0.20	6.36	-0.58	-5.55	-0.33	0.01	-0.94	-7.85	-0.35	-0.89	-1.56	-2.81	-2.68	0.15	-2.69	5.50	-2.47	4.64	-11.8269
1823	186	-0.50	-6.38	1.49	-5.55	-0.33	1.07	-0.94	-7.02	2.56	0.57	-1.99	-2.81	0.60	-0.27	-1.58	0.78	12.56	-4.09	-11.8267
1824	1966	-1.12	9.12	-1.54	0.01	-0.68	-1.05	-0.34	5.09	-2.01	-2.34	0.85	-2.49	-4.54	-3.41	-1.03	-3.07	-12.49	9.21	-11.8081
1825	1538	-0.66	0.47	0.08	5.58	0.02	0.01	-0.94	-6.04	-0.19	0.57	-1.76	-2.81	-2.50	-1.03	-1.58	0.48	2.54	-4.03	-11.7938
1826	297	-1.44	5.93	-1.90	0.01	-0.68	-2.11	-0.34	-0.88	-3.48	-0.89	0.33	-2.49	-6.20	-2.58	-0.47	-5.09	5.04	5.45	-11.7776
1827	4933	-0.48	-1.23	-0.13	-5.55	-0.68	-1.58	-0.80	-1.22	-0.49	2.02	-1.45	4.80	-2.83	5.23	-0.47	1.36	-4.98	-3.30	-11.7758
1828	3749	0.68	-6.68	0.74	5.58	-0.68	2.13	-0.80	-1.56	0.62	0.93	-2.51	0.10	-1.60	0.49	-0.47	0.14	-2.47	-6.40	-11.7740
1829	1308	0.65	-16.58	1.86	0.01	0.71	1.07	1.56	-8.78	3.26	1.29	-0.41	1.30	1.37	-1.32	3.41	-0.99	12.56	-12.75	-11.7731
1830	2679	-1.16	6.02	-0.56	5.58	-1.02	0.54	1.56	-10.20	-0.17	-4.16	-1.56	1.30	-2.48	-5.00	1.75	1.38	-7.48	3.91	-11.7717
1831	3511	1.16	-3.14	2.65	0.01	0.36	2.13	-0.34	-4.13	4.17	-1.62	-1.00	1.30	2.42	-2.67	-2.14	5.09	-7.48	-8.56	-11.7715
1832	1563	-1.00	6.36	-0.58	-5.55	-0.68	1.07	-0.94	-8.92	-0.35	-0.53	-1.56	-2.81	-2.69	-1.28	-2.69	5.70	0.03	4.64	-11.7654
1833	1858	1.14	-1.63	1.28	-5.55	-0.68	0.54	-0.34	0.14	1.83	0.57	0.93	-2.49	-0.22	-1.94	-1.03	-2.43	0.03	-1.92	-11.7618
1834	3505	1.20	-8.82	2.14	11.14	1.40	0.01	-0.34	-2.50	3.10	0.57	-1.37	1.30	1.19	-1.10	-0.47	-1.50	-4.98	-12.75	-11.7551
1835	6032	-0.57	7.11	-3.37	-5.55	0.71	-2.64	-0.94	4.22	-3.74	2.38	-1.12	2.65	-6.49	3.63	-1.03	-1.38	-12.49	6.88	-11.7379
1836	4579	0.57	-1.77	0.65	0.01	-0.33	-0.52	-0.34	0.57	0.39	-1.62	-0.40	2.21	-1.84	2.25	-2.14	-1.99	-9.99	2.54	-11.7192
1837	6072	-1.10	11.92	-2.82	-5.55	0.71	-2.11	-0.94	4.78	-4.81	0.93	-1.57	2.65	-7.70	2.32	-2.14	-1.18	-15.00	9.89	-11.7026
1838	4230	0.97	-0.60	1.73	0.01	0.36	1.07	1.56	-5.00	3.40	-3.07	-2.62	1.30	1.55	-2.93	2.86	-0.86	-4.98	-6.45	-11.6912
1839	1202	-1.74	1.47	0.34	5.58	-0.68	-1.58	1.56	-8.31	1.27	-4.53	-2.63	1.30	-0.84	-4.94	2.86	-2.80	2.54	-0.57	-11.6816
1840	3102	0.54	1.46	-0.49	5.58	0.36	0.01	-0.94	-4.97	-0.87	-0.16	-2.57	-2.81	-3.27	0.25	-1.58	-0.34	0.03	-1.92	-11.6815
1841	1914	-1.35	15.88	-3.18	0.01	-1.37	-2.64	-0.34	3.00	-4.08	-3.07	1.43	-2.49	-6.87	-3.74	-1.03	-4.45	-12.49	15.10	-11.6638
1842	6152	1.10	-3.15	0.21	-11.11	1.06	0.54	-0.94	5.49	-0.65	4.20	-0.54	2.65	-3.02	3.92	-2.14	0.10	-7.48	-1.90	-11.6514
1843	2612	-0.69	0.07	-1.98	0.01	-0.33	0.01	1.56	1.70	-3.01	-0.16	2.10	-2.49	-5.68	-1.38	3.41	-2.12	-7.48	4.79	-11.6462
1844	2520	-1.46	10.66	-2.49	0.01	-1.02	-2.11	1.56	0.16	-5.45	-1.98	3.04	-2.49	-8.43	-2.86	2.30	-2.68	-9.99	11.58	-11.6416
1845	3697	0.44	0.07	-0.90	5.58	-1.37	0.54	-0.80	-3.65	-1.45	0.20	-1.93	0.10	-3.92	0.16	-0.47	-1.24	-2.47	-0.51	-11.6297
1846	1000	-0.47	-3.80	0.00	0.01	-1.02	-1.58	1.56	-4.93	-2.36	-0.53	1.72	-2.49	-4.94	-1.79	2.30	-3.42	7.55	2.54	-11.6201
1847	1618	-0.66	1.46	-0.49	5.58	0.02	1.07	-0.94	-6.04	-0.88	0.20	-2.57	-2.81	-3.28	-1.18	-1.58	-0.13	2.54	-1.92	-11.6200
1848	5013	-0.48	-0.24	-0.71	-5.55	-0.68	-0.52	-0.80	-1.22	-1.19	1.66	-2.26	4.80	-3.62	5.08	-0.47	0.75	-4.98	-1.19	-11.6019
1849	4425	0.98	-2.30	0.24	-5.55	-1.72	0.01	1.09	-6.37	0.95	-0.16	-1.42	0.10	-1.21	0.82	3.41	-0.90	0.03	0.39	-11.5982
1850	3591	1.16	-2.16	2.07	0.01	0.36	3.19	-0.34	-4.13	3.48	-1.98	-1.81	1.30	1.63	-2.82	-2.14	4.48	-7.48	-6.45	-11.5976
1851	2320	0.97	-20.82	3.66	-11.11	0.36	2.13	-0.80	-1.00	3.10	3.48	-0.47	0.10	1.21	2.57	-1.58	4.41	15.06	-12.87	-11.5910
1852	577	-1.15	-1.99	1.33	0.01	-0.33	-0.52	-0.34	-5.61	2.86	-1.62	-1.98	1.30	0.95	-3.32	-0.47	-0.72	5.04	-5.04	-11.5892
1853	563	-1.54	-0.09	0.68	5.58	-0.68	0.54	-0.34	-7.44	1.36	-3.43	-1.82	1.30	-0.75	-4.82	-2.14	2.54	0.03	-0.57	-11.5881
1854	1326	-1.09	0.81	-0.13	-5.55	-1.37	-1.58	1.09	-6.29	-0.50	-1.25	-1.76	0.10	-2.84	-2.89	2.86	-0.45	12.56	-3.30	-11.5870
1855	3585	1.20	-7.83	1.57	11.14	1.40	1.07	-0.34	-2.50	2.41	0.20	-2.18	1.30	0.41	-1.25	-0.47	-2.10	-4.98	-10.64	-11.5813
1856	818	-0.55	-0.27	0.22	-5.55	-2.06	-1.05	-0.80	-5.52	0.89	-0.89	-1.74	0.10	-1.27	-2.01	-1.03	-0.48	10.05	0.39	-11.5616
1857	993	-0.37	-1.61	-1.11	0.01	-1.02	-3.70	1.56	-4.15	-2.48	-0.16	1.29	-2.49	-5.06	-1.80	3.41	-6.52	10.05	2.61	-11.5350
1858	4084	-0.25	11.65	-3.07	0.01	-0.68	-2.11	1.56	1.23	-6.14	-2.71	2.23	-2.49	-9.20	-1.58	2.30	-3.49	-12.49	13.69	-11.5316
1859	3217	-0.15	12.05	-2.13	0.01	-1.02	-2.64	-0.34	-0.74	-2.81	-1.98	0.53	-2.49	-5.44	-0.86	-0.47	-4.34	-9.99	11.27	-11.5305
1860	3405	-0.21	7.74	-1.93	0.01	-0.68	-1.58	-0.34	4.92	-2.49	-1.62	1.49	-2.49	-5.08	-0.73	-0.47	-3.70	-15.00	10.61	-11.5168
1861	2560	-0.93	6.83	-3.62	0.01	-1.02	-1.58	1.56	-0.39	-5.07	-0.89	2.68	-2.49	-8.00	-1.70	3.41	-3.50	-7.48	10.68	-11.5019
1862	216	-1.78	8.86	-1.46	0.01	-1.02	-3.17	-0.34	-2.73	-4.25	-1.62	1.83	-2.49	-7.06	-2.81	-1.58	-2.16	2.54	7.75	-11.4704
1863	3668	0.34	-3.76	1.18	5.58	-1.02	1.07	-0.80	-3.41	-0.15	0.20	-1.02	0.10	-2.45	0.25	-1.58	3.07	-4.98	-4.09	-11.4668
1864	404	-1.84	4.55	-1.26	0.01	-0.68	-2.11	-0.34	2.93	-3.92	-1.25	2.79	-2.49	-6.70	-2.68	-1.58	-1.52	-2.47	7.10	-11.4581
1865	1061	-2.27	14.19	-3.37	-11.11	-1.37	-5.29	1.56	-0.03	-4.29	-3.07	1.75	-2.49	-7.10	-3.07	3.41	-4.75	0.03	15.82	-11.4471
1866	4594	1.26	-1.63	1.30	-5.55	0.02	-0.52	-0.34	2.62	1.89	-0.89	-0.88	2.21	-0.15	2.57	-1.03	-5.41	-4.98	-1.92	-11.4422
1867	2551	-0.63	9.20	-3.18	-11.11	-1.02	-1.05	1.56	-0.17	-2.60	-1.62	2.37	-2.49	-5.22	-2.68	2.86	0.45	-7.48	11.40	-11.4258
1868	1406	-1.09	1.79	-0.71	-5.55	-1.37	-0.52	1.09	-6.29	-1.19	-1.62	-2.57	0.10	-3.63	-3.04	2.86	-1.06	12.56	-1.19	-11.4132
1869	1464	-0.12	-9.32	-0.22	-5.55	-1.72	0.01	1.09	-8.91	-0.11	1.29	-0.49	0.10	-2.41	0.02	3.41	0.47	15.06	-4.03	-11.3997
1870	2841	-1.30	5.88	-0.94	-5.55	-2.06	-1.05	1.09	-7.44	-0.52	-1.25	-2.06	0.10	-2.87	-1.56	3.41	0.05	0.03	4.64	-11.3919
1871	2591	-1.16	14.02	-2.63	-11.11	-1.02	-0.52	1.56	0.38	-3.68	-3.07	1.92	-2.49	-6.43	-3.99	1.75	0.66	-9.99	14.42	-11.3904
1872	825	-0.60	-8.42	1.47	-5.55	-1.72	1.07	-0.80	-4.67	2.47	0.93	-1.68	0.10	0.50	-0.43	-0.47	0.46	10.05	-4.09	-11.3598
1873	3164	1.99	-20.82	3.68	-11.11	2.10	1.07	-0.94	-2.49	3.20	3.84	-0.47	-2.81	1.32	5.35	-2.14	4.68	15.06	-12.87	-11.3516
1874	4774	-0.83	-0.17	1.31	5.58	0.36	-2.11	-0.34	-2.00	2.46	-1.98	-2.14	6.00	0.50	2.08	-1.03	0.05	-15.00	-4.09	-11.3416
1875	2315	1.03	-13.40	1.66	-5.55	-1.37	5.31	-0.80	-4.82	4.16	2.38	-1.06	0.10	2.39	-0.04	-1.03	5.66	2.54	-8.51	-11.3385
1876	256	-1.25	5.03	-2.59	0.01	-1.02	-2.64	-0.34	-3.28	-3.87	-0.53	1.47	-2.49	-6.64	-1.65	-0.47	-2.97	5.04	6.85	-11.3319
1877	2177	-0.77	-1.56	0.06	5.58	-1.37	0.01	-0.80	-3.70											

1880	4932	-0.82	2.69	-0.27	-5.55	-1.02	-1.58	-0.80	-3.07	1.95	0.93	-0.76	4.80	-4.48	4.85	-1.58	3.68	-7.48	1.12	-11.2947
1881	3748	0.34	-2.77	0.60	5.58	-1.02	2.13	-0.80	-3.41	-0.84	-0.16	-1.83	0.10	-3.24	0.10	-1.58	2.46	-4.98	-1.98	-11.2929
1882	1680	0.78	-20.82	3.68	-11.11	1.75	2.13	-0.94	-3.56	3.20	4.20	-0.47	-2.81	1.31	3.92	-2.14	4.88	17.57	-12.87	-11.2901
1883	5056	1.10	-20.82	3.68	-11.11	1.06	1.07	-0.80	1.48	3.16	2.02	-2.28	4.80	1.28	7.08	-1.58	1.43	10.05	-12.87	-11.2715
1884	2580	-0.34	4.77	-1.22	-5.55	-0.68	-0.52	1.56	0.87	-3.45	-0.53	2.63	-2.49	-6.17	-2.36	2.30	-1.27	-4.98	6.15	-11.2639
1885	2224	-0.34	-7.59	0.05	5.58	-1.37	2.66	-0.80	-5.03	0.23	1.66	-1.38	0.10	-2.04	-0.02	-0.47	2.46	0.03	-4.99	-11.2632
1886	178	-0.74	-0.27	0.25	-5.55	-0.68	-1.05	-0.94	-8.09	0.98	-0.16	-1.74	-2.81	-1.17	-0.66	-1.58	-0.01	12.56	0.39	-11.2606
1887	2787	0.92	-18.79	4.14	-11.11	1.40	2.13	1.56	-4.63	5.85	-0.16	-0.78	1.30	4.30	-0.78	1.75	4.51	10.05	-12.87	-11.2202
1888	477	-1.74	7.73	-2.95	0.01	-0.68	-3.17	-0.34	3.71	-4.73	-1.25	1.55	-2.49	-7.61	-2.85	-0.47	-5.24	0.03	9.27	-11.2081
1889	3955	2.37	-3.19	1.65	-5.55	-0.33	2.66	1.56	-2.43	2.02	-2.34	-0.07	-2.49	-0.01	-2.61	1.75	-2.30	0.03	-1.92	-11.1966
1890	1821	0.57	-13.10	2.78	-5.55	1.06	-0.52	-0.34	3.76	3.48	-0.16	-0.50	-2.49	1.64	0.02	-0.47	-5.19	10.05	-6.23	-11.1956
1891	3949	2.42	-8.86	1.15	5.58	0.71	0.54	1.56	-0.79	0.95	-0.16	-0.44	-2.49	-1.24	-1.04	3.41	-8.89	2.54	-6.12	-11.1802
1892	4854	-0.83	0.82	0.73	5.58	0.36	-1.05	-0.34	-2.00	1.77	-2.34	-2.95	6.00	-0.28	1.93	-1.03	-0.56	-15.00	-1.98	-11.1678
1893	4326	0.20	7.91	-0.94	-5.55	-1.72	-1.05	1.09	-6.15	-0.52	-2.71	-2.37	0.10	-2.87	-1.32	2.86	-0.31	-2.47	4.64	-11.1660
1894	4972	-0.29	-1.14	-1.39	-5.55	-1.02	-1.05	-0.80	-3.62	-1.57	2.02	-1.12	4.80	-4.05	6.01	-0.47	2.87	-4.98	0.22	-11.1562
1895	2257	-0.77	-0.57	-0.51	5.58	-1.37	1.07	-0.80	-3.70	-0.97	0.57	-2.26	0.10	-3.38	-1.34	-0.47	-0.45	0.03	-1.92	-11.1530
1896	3696	0.10	3.99	-1.04	5.58	-1.72	0.54	-0.80	-5.50	-2.91	-0.89	-1.25	0.10	-5.57	-0.22	-1.58	1.08	-4.98	3.91	-11.1486
1897	2151	1.56	-14.55	2.50	0.01	0.71	4.25	-0.34	-5.75	5.95	1.66	-0.73	1.30	4.39	-1.78	-1.03	3.42	0.03	-12.75	-11.1458
1898	2696	-0.45	-12.98	2.53	0.01	1.40	-0.52	1.56	-4.85	1.91	-0.89	-1.10	1.30	-0.13	-0.75	2.30	1.30	7.55	-9.35	-11.1449
1899	342	0.89	-6.83	1.13	5.58	0.36	-0.52	-0.34	0.05	0.89	-0.89	-0.76	-2.49	-1.30	-3.87	-1.03	-8.47	12.56	-6.12	-11.1436
1900	4005	0.08	6.74	-2.36	0.01	-0.33	-2.11	1.56	3.08	-3.99	-1.25	2.36	-2.49	-6.78	-1.05	3.41	-5.21	-9.99	7.16	-11.1289
1901	5012	-0.82	3.68	-0.84	-5.55	-1.02	-0.52	-0.80	-3.07	-2.64	0.57	-1.57	4.80	-5.26	4.70	-1.58	3.07	-7.48	3.23	-11.1209
1902	1754	-0.29	2.17	-0.84	11.14	-0.68	0.01	-0.34	-0.05	-2.15	-0.89	0.09	-2.49	-4.71	-3.03	-1.03	-4.69	-4.98	1.64	-11.1163
1903	1443	0.26	-13.40	1.68	-5.55	-1.37	3.19	1.09	-7.62	4.22	-1.25	-2.87	0.10	2.46	-2.48	2.86	1.03	15.06	-8.51	-11.1082
1904	3662	0.73	0.47	0.06	5.58	-1.02	0.01	-0.80	-2.41	-0.27	-0.53	-1.76	0.10	-2.59	-0.94	-1.03	-0.20	-2.47	-4.03	-11.1009
1905	3159	2.05	-13.40	1.69	-5.55	0.36	4.25	-0.94	-6.31	4.26	2.75	-1.06	-2.81	2.50	2.73	-1.58	5.93	2.54	-8.51	-11.0991
1906	4149	0.67	-3.62	2.31	0.01	0.36	0.01	1.56	-5.22	4.10	-1.62	-1.50	1.30	2.34	-1.60	3.41	-0.10	-4.98	-8.56	-11.0971
1907	4135	0.28	-1.72	1.66	5.58	0.02	1.07	1.56	-7.04	2.59	-3.43	-1.33	1.30	0.64	-3.10	1.75	3.17	-9.99	-4.09	-11.0960
1908	398	-1.44	8.77	-2.37	0.01	-0.68	-3.17	-0.34	3.93	-4.05	-1.98	2.04	-2.49	-6.84	-3.88	-1.03	-4.79	0.03	7.16	-11.0922
1909	3021	0.25	-1.56	0.09	5.58	0.36	-1.05	-0.94	-5.19	-0.17	1.29	-1.45	-2.81	-2.48	1.59	-1.03	0.43	0.03	-4.03	-11.0875
1910	2482	0.25	-0.21	0.30	0.01	-1.02	-0.52	1.56	-2.77	0.25	-1.25	0.60	-2.49	-2.00	-2.37	2.86	-4.35	-2.47	2.54	-11.0863
1911	3687	0.39	6.36	-0.60	-5.55	-1.72	1.07	-0.80	-5.28	-0.44	-1.62	-1.56	0.10	-2.78	-1.20	-2.14	5.03	-4.98	4.64	-11.0725
1912	2060	0.19	-8.73	0.88	11.14	0.71	1.60	-0.34	-5.97	2.02	0.93	-1.05	1.30	-0.03	-1.76	-0.47	0.21	-2.47	-9.24	-11.0704
1913	5092	1.37	-11.39	2.18	-11.11	-0.68	2.13	-0.80	-2.36	1.52	3.84	-0.54	4.80	-0.58	6.30	-1.58	4.35	0.03	-8.56	-11.0697
1914	542	-0.85	-1.59	2.30	0.01	0.02	-1.05	-0.34	-4.37	4.04	-2.34	-1.81	1.30	2.28	-4.43	-1.03	0.32	5.04	-8.56	-11.0604
1915	185	-0.79	-8.42	1.50	-5.55	-0.33	1.07	-0.94	-7.24	2.57	1.66	-1.68	-2.81	0.61	0.92	-1.03	0.93	12.56	-4.09	-11.0588
1916	992	-0.71	2.31	-1.25	0.01	-1.37	-3.70	1.56	-6.00	-3.93	-1.25	1.98	-2.49	-6.71	-2.19	2.30	-4.21	7.55	7.03	-11.0539
1917	4420	2.67	-16.58	2.04	0.01	0.02	4.25	1.09	-5.56	3.32	1.29	-2.22	0.10	1.42	0.78	3.41	-1.89	7.55	-12.75	-11.0449
1918	1965	-1.41	7.09	-1.54	0.01	-0.68	-1.05	-0.34	4.87	-2.00	-1.25	1.17	-2.49	-4.54	-2.23	-0.47	-2.91	-12.49	9.21	-11.0402
1919	1675	0.84	-13.40	1.69	-5.55	0.02	5.31	-0.94	-7.38	4.25	3.11	-1.06	-2.81	2.49	1.30	-1.58	6.13	5.04	-8.51	-11.0375
1920	1537	-0.96	-1.56	0.08	5.58	0.02	0.01	-0.94	-6.26	-0.18	1.66	-1.45	-2.81	-2.49	0.15	-1.03	0.63	2.54	-4.03	-11.0259
1921	3068	0.68	-7.59	0.07	5.58	0.36	1.60	-0.94	-6.53	0.32	2.02	-1.38	-2.81	-1.92	2.76	-1.03	2.72	0.03	-4.99	-11.0237
1922	4802	-1.07	7.58	-0.91	5.58	-0.33	-2.64	-0.34	-4.09	-0.30	-3.07	-2.37	6.00	-2.61	1.60	-1.03	-1.94	-15.00	3.91	-11.0235
1923	4502	-0.24	8.61	-2.29	0.01	-0.33	-3.70	-0.34	1.35	-3.95	-0.53	0.34	2.21	-6.72	3.00	-1.03	-4.28	-9.99	6.85	-11.0093
1924	4690	-0.30	4.30	-2.08	0.01	0.02	-2.64	-0.34	7.01	-3.62	-0.16	1.30	2.21	-6.36	3.13	-1.03	-3.64	-15.00	6.19	-10.9957
1925	1857	0.84	-3.67	1.29	-5.55	-0.68	0.54	-0.34	-0.08	1.84	1.66	1.24	-2.49	-0.21	-0.76	-0.47	-2.27	0.03	-1.92	-10.9939
1926	1843	0.45	-1.77	0.64	0.01	-1.02	1.60	-0.34	-1.91	0.33	-0.16	1.41	-2.49	-1.91	-2.25	-2.14	0.99	-4.98	2.54	-10.9928
1927	3306	2.07	-11.07	2.78	-5.55	1.40	-0.52	-0.34	5.05	3.48	-1.62	-0.81	-2.49	1.64	0.27	-1.03	-5.55	7.55	-6.23	-10.9697
1928	1584	-0.53	-7.59	0.07	5.58	0.02	2.66	-0.94	-7.60	0.32	2.38	-1.38	-2.81	-1.93	1.33	-1.03	2.93	2.54	-4.99	-10.9622
1929	1698	-1.06	12.45	-1.17	0.01	-1.02	-2.11	-0.34	-0.57	-1.64	-2.34	0.70	-2.49	-4.12	-3.39	-1.03	-3.10	-7.48	7.75	-10.9366
1930	3742	0.73	1.46	-0.51	5.58	-1.02	1.07	-0.80	-2.41	-0.97	-0.89	-2.57	0.10	-3.38	-1.09	-1.03	-0.80	-2.47	-1.92	-10.9271
1931	1886	-1.12	8.13	-0.96	0.01	-0.68	-1.05	-0.34	5.09	-1.31	-1.98	1.66	-2.49	-3.76	-3.26	-1.03	-2.46	-12.49	7.10	-10.9243
1932	4229	0.67	-2.64	1.73	0.01	0.36	1.07	1.56	-5.22	3.41	-1.98	-2.31	1.30	1.56	-1.75	3.41	-0.71	-4.98	-6.45	-10.9233
1933	4215	0.28	-0.74	1.08	5.58	0.02	2.13	1.56	-7.04	1.90	-3.80	-2.14	1.30	-0.15	-3.25	1.75	2.56	-9.99	-1.98	-10.9222
1934	1201	-2.03	-0.57	0.34	5.58	-0.68	-1.58	1.56	-8.52	1.28	-3.43	-2.31	1.30	-0.83	-3.76	3.41	-2.65	2.54	-0.57	-10.9137
1935	3101	0.25	-0.57	-0.49	5.58	0.36	0.01	-0.94	-5.19	-0.87	0.93	-2.26	-2.81	-3.26	1.44	-1.03	-0.18	0.03	-1.92	-10.9136
1936	1913	-1.65	13.85	-3.18	0.01	-1.37	-2.64	-0.34	2.78	-4.07	-1.98	1.75	-2.49	-6.86	-2.55	-0.47	-4.29	-12.49	15.10	-10.8959
1937	2691	-0.39	-5.55	0.53	5.58	-0.33	2.66	1.56	-8.67	2.97	-1.98	-1.69	1.30	1.05	-3.37	2.86	2.55	-4.98	-4.99	-10.8924
1938	622	-0.85	-0.60	1.72	0.01	0.02	0.01	-0.34	-4.37	3.35	-2.71	-2.62	1.30	1.50	-4.58	-1.03	-0.29	5.04	-6.45	-10.8866
1939	1617	-0.96	-0.57	-0.49	5.58	0.02	1.07	-0.94	-6.26	-0.87	1.29	-2.26	-2.81	-3.27	0.01	-1.03	0.02	2.54	-1.92	-10.8521
1940	2176	-1.10	2.35	-0.07	5.58	-1.72	0.01	-0.80	-5.55	-1.73	-0.16	-0.76	0.10	-4.24	-1.58	-1.58	2.48	-2.47	0.39	-10.8458
1941	4887	1.69	-14.55	2.51	0.01	1.40	3.19	-0.34	-3.27	6.01	0.20	-2.54	6.00	4.46	2.72	-1.03	0.43	-4.98	-12.75	-10.8262
1942	1325	-1.38	-1.23	-0.13	-5.55	-1.37	-1.58	1.09	-6.51	-0.49										

1945	4163	0.04	6.02	-0.56	5.58	-0.68	0.54	1.56	-9.13	0.17	-4.53	-1.56	1.30	-2.47	-3.57	1.75	1.18	-9.99	3.91	-10.7778	
1946	2344	-0.63	3.39	-1.61	0.01	-0.68	-1.05	1.56	-3.96	-2.64	-0.16	1.95	-2.49	-5.25	-1.36	3.41	-2.15	-2.47	3.33	-10.7747	
1947	2307	0.80	-7.29	0.42	-5.55	-1.72	3.19	-0.80	-5.89	2.58	1.66	-0.80	0.10	0.62	-0.44	-1.03	4.88	2.54	-4.03	-10.7724	
1948	3342	2.34	-1.63	1.29	-5.55	-0.33	0.54	-0.34	1.21	1.84	0.20	0.93	-2.49	-0.21	-0.51	-1.03	-2.63	-2.47	-1.92	-10.7679	
1949	1778	-1.06	13.43	-1.74	0.01	-1.02	-1.05	-0.34	-0.57	-2.33	-2.71	-0.11	-2.49	-4.91	-3.54	-1.03	-3.71	-7.48	9.87	-10.7628	
1950	971	-0.33	-1.77	0.65	0.01	-1.02	-0.52	1.56	-4.71	0.39	-3.80	-0.40	-2.49	-1.84	-4.69	1.75	-3.65	7.55	2.54	-10.7625	
1951	2532	-0.69	-0.92	-1.40	0.01	-0.33	0.01	1.56	1.70	-2.31	0.20	2.91	-2.49	-4.89	-1.23	3.41	-1.51	-7.48	2.68	-10.7624	
1952	23	0.47	-12.37	3.31	0.01	0.71	2.13	-0.94	-8.19	5.98	2.02	-3.18	15.71	-11.22	-1.20	-1.58	0.29	10.05	-12.75	-10.7451	
1953	476	-2.08	11.65	-3.08	0.01	-1.02	-3.17	-0.34	1.86	-6.19	-2.34	2.23	-2.49	-9.26	-3.23	-1.58	-2.92	-2.47	13.69	-10.7271	
1954	4593	0.97	-3.67	1.30	-5.55	0.02	-0.52	-0.34	2.40	1.89	0.20	-0.57	2.21	-0.14	3.75	-0.47	-5.26	-4.98	-1.92	-10.6743	
1955	2256	-1.10	3.34	-0.65	5.58	-1.72	1.07	-0.80	-5.55	-2.42	-0.53	-1.57	0.10	-5.02	-1.72	-1.58	1.87	-2.47	2.50	-10.6720	
1956	3398	-0.15	15.88	-3.18	0.01	-1.02	-2.64	-0.34	4.06	-4.07	-3.43	1.43	-2.49	-6.86	-2.31	-1.03	-4.65	-15.00	15.10	-10.6699	
1957	4096	0.51	0.07	-1.98	0.01	0.02	0.01	1.56	2.77	-3.00	-0.53	2.10	2.77	-2.49	-5.67	0.05	3.41	-2.32	-9.99	4.79	-10.6524
1958	4004	-0.25	10.66	-2.49	0.01	-0.68	-2.11	1.56	1.23	-5.45	-2.34	3.04	-2.49	-8.42	-1.43	2.30	-2.89	-12.49	11.58	-10.6478	
1959	1405	-1.38	-0.24	-0.71	-5.55	-1.37	-0.52	1.09	-6.51	-1.19	-0.53	-2.26	0.10	-3.62	-1.86	3.41	-0.91	12.56	-1.19	-10.6453	
1960	4714	-1.07	15.57	-2.98	-11.11	-0.33	-3.70	-0.34	6.50	-3.80	-1.98	1.11	2.21	-6.56	2.61	-1.03	-2.66	-17.50	14.42	-10.6422	
1961	3020	-0.09	2.35	-0.05	5.58	0.02	-1.05	-0.94	-7.04	-1.63	0.20	-0.76	-2.81	-4.12	1.20	-2.14	2.74	-2.47	0.39	-10.6064	
1962	2424	-0.63	4.38	-2.18	0.01	-0.68	0.01	1.56	-3.96	-3.33	-0.53	1.14	-2.49	-6.04	-1.51	3.41	-2.76	-2.47	5.45	-10.6009	
1963	3804	2.18	-20.82	3.66	-11.11	0.71	2.13	-0.80	0.07	3.11	3.11	-0.47	0.10	1.21	4.00	-1.58	4.21	12.56	-12.87	-10.5972	
1964	4773	-1.13	-2.20	1.31	5.58	0.36	-2.11	-0.34	-2.22	2.47	-0.89	-1.82	6.00	0.51	3.26	-0.47	0.20	-15.00	-4.09	-10.5737	
1965	1536	-1.29	2.35	-0.05	5.58	-0.33	0.01	-0.94	-8.11	-1.64	0.57	-0.76	-2.81	-4.13	-0.23	-2.14	2.95	0.03	0.39	-10.5449	
1966	3151	1.81	-7.29	0.44	-5.55	0.02	2.13	-0.94	-7.38	2.68	2.02	-0.80	-2.81	0.73	2.34	-1.58	5.14	2.54	-4.03	-10.5329	
1967	2474	0.02	5.90	-0.95	0.01	-1.37	-2.64	1.56	-3.84	-1.33	-1.98	0.85	-2.49	-3.77	-2.77	2.86	-5.14	-2.47	7.03	-10.5202	
1968	4044	0.28	6.83	-3.62	0.01	-0.68	-1.58	1.56	0.68	-5.07	-1.25	2.68	-2.49	-8.00	-0.27	3.41	-3.70	-9.99	10.68	-10.5080	
1969	2511	-1.16	13.03	-2.06	-11.11	-1.02	-0.52	1.56	0.38	-2.98	-2.71	2.73	-2.49	-5.65	-3.84	1.75	1.27	-9.99	12.31	-10.5066	
1970	6118	1.57	-4.75	0.35	0.01	2.10	0.54	-0.94	7.56	1.02	2.02	-3.35	2.65	-1.16	1.41	-1.58	-6.88	-4.98	-6.09	-10.4994	
1971	177	-1.03	-2.30	0.25	-5.55	-0.68	-1.05	-0.94	-8.31	0.99	0.93	-1.42	-2.81	-1.16	0.52	-1.03	0.14	12.56	0.39	-10.4927	
1972	986	0.36	-1.63	1.30	-5.55	-0.68	-0.52	1.56	-2.67	1.89	-3.07	-0.88	-2.49	-0.15	-4.37	2.86	-7.07	12.56	-1.92	-10.4855	
1973	2643	-1.16	4.39	0.41	5.58	-0.68	0.01	1.56	-9.18	1.01	-3.80	-1.08	1.30	-1.14	-4.93	1.75	2.57	-7.48	0.39	-10.4750	
1974	4910	1.01	-17.24	3.80	-11.11	2.10	-1.05	-0.34	1.48	5.72	0.93	-1.59	6.00	4.17	5.83	-1.03	1.19	2.54	-12.87	-10.4720	
1975	1667	0.61	-7.29	0.44	-5.55	-0.33	3.19	-0.94	-8.45	2.68	2.38	-0.80	-2.81	0.72	0.91	-1.58	5.34	5.04	-4.03	-10.4714	
1976	3100	-0.09	3.34	-0.63	5.58	0.02	0.01	-0.94	-7.04	-2.32	-0.16	-1.57	-2.81	-4.90	1.05	-2.14	2.14	-2.47	2.50	-10.4325	
1977	4035	0.57	9.20	-3.18	-11.11	-0.68	-1.05	1.56	0.90	-2.60	-1.98	2.37	-2.49	-5.21	-1.25	2.86	0.25	-9.99	11.40	-10.4319	
1978	1835	0.21	4.34	-0.61	0.01	-1.37	-0.52	-0.34	-2.98	-1.24	-0.89	1.66	-2.49	-3.68	-2.65	-2.14	0.20	-4.98	7.03	-10.4266	
1979	4853	-1.13	-1.21	0.73	5.58	0.36	-1.05	-0.34	-2.22	1.78	-1.25	-2.64	6.00	-0.27	3.11	-0.47	-0.41	-15.00	-1.98	-10.3999	
1980	4325	-0.09	5.88	-0.94	-5.55	-1.72	-1.05	1.09	-6.37	-0.51	-1.62	-2.06	0.10	-2.86	-0.13	3.41	-0.16	-2.47	4.64	-10.3981	
1981	4075	0.04	14.02	-2.63	-11.11	-0.68	-0.52	1.56	1.45	-3.67	-3.43	1.92	-2.49	-6.42	-2.56	1.75	0.46	-12.49	14.42	-10.3966	
1982	347	0.55	-3.19	1.64	-5.55	-0.68	1.60	-0.34	-1.80	1.97	-1.98	-0.07	-2.49	-0.06	-4.26	-2.14	-1.73	10.05	-1.92	-10.3920	
1983	1166	-1.74	-0.17	1.31	5.58	-0.33	-2.11	1.56	-7.28	2.46	-4.16	-2.14	1.30	0.50	-4.86	2.86	-1.61	2.54	-4.09	-10.3849	
1984	341	0.59	-8.86	1.13	5.58	0.36	-0.52	-0.34	-0.17	0.90	0.20	-0.44	-2.49	-1.29	-2.69	-0.47	-8.32	12.56	-6.12	-10.3757	
1985	1616	-1.29	3.34	-0.63	5.58	-0.33	1.07	-0.94	-8.11	-2.33	0.20	-1.57	-2.81	-4.92	-0.38	-2.14	2.34	0.03	2.50	-10.3710	
1986	718	-1.62	7.91	-0.95	-5.55	-2.06	-2.11	-0.80	-5.52	-0.57	-2.34	-2.37	0.10	-2.92	-2.96	-1.03	0.26	7.55	4.64	-10.3614	
1987	1753	-0.59	0.13	-0.84	11.14	-0.68	0.01	-0.34	-0.27	-2.15	0.20	0.40	-2.49	-4.70	-1.85	-0.47	-4.54	-4.98	1.64	-10.3484	
1988	3799	2.24	-13.40	1.67	-5.55	-1.02	5.31	-0.80	-3.75	4.16	2.02	-1.06	0.10	2.39	1.39	-1.03	5.46	0.03	-8.51	-10.3446	
1989	1324	-1.72	2.69	-0.27	-5.55	-1.72	-1.58	1.09	-8.36	-1.95	-1.25	-0.76	0.10	-4.48	-2.09	2.30	2.02	10.05	1.12	-10.3380	
1990	3661	0.44	-1.56	0.06	5.58	-1.02	0.01	-0.80	-2.63	-0.27	0.57	-1.45	0.10	-2.59	0.24	-0.47	-0.04	-2.47	-4.03	-10.3330	
1991	397	-1.74	6.74	-2.37	0.01	-0.68	-3.17	-0.34	3.71	-4.04	-0.89	2.36	-2.49	-6.83	-2.70	-0.47	-4.64	0.03	7.16	-10.3243	
1992	2481	-0.04	-2.25	0.30	0.01	-1.02	-0.52	1.56	-2.99	0.26	-0.16	0.91	-2.99	-1.99	-1.19	3.41	-4.20	-2.47	2.54	-10.3184	
1993	1448	0.20	-20.82	3.68	-11.11	0.36	1.07	1.09	-3.81	3.16	-0.16	-2.28	0.10	1.27	0.14	2.30	-0.23	27.58	-12.87	-10.3148	
1994	2723	-1.16	5.38	-0.17	5.58	-0.68	1.07	1.56	-9.18	0.32	-4.16	-1.89	1.30	-1.93	-5.08	1.75	1.96	-7.48	2.50	-10.3012	
1995	541	-1.15	-3.62	2.30	0.01	0.02	-1.05	-0.34	-4.59	4.05	-1.25	-1.50	1.30	2.29	-3.25	-0.47	0.47	5.04	-8.56	-10.2925	
1996	527	-1.54	-1.72	1.65	5.58	-0.33	0.01	-0.34	-6.42	2.54	-3.07	-1.33	1.30	0.59	-4.75	-2.14	3.73	0.03	-4.09	-10.2914	
1997	4064	0.87	4.77	-1.22	-5.55	-0.33	-0.52	1.56	1.94	-3.44	-0.89	2.63	-2.49	-6.16	-0.93	2.30	-1.48	-7.48	6.15	-10.2701	
1998	3708	0.87	-7.59	0.05	5.58	-1.02	2.66	-0.80	-3.97	0.23	1.29	-1.38	0.10	-2.03	1.41	-0.47	2.26	-2.47	-4.99	-10.2693	
1999	4801	-1.37	5.54	-0.91	5.58	-0.33	-2.64	-0.34	-4.31	-0.29	-1.98	-2.06	6.00	-2.60	2.79	-0.47	-1.78	-15.00	3.91	-10.2556	
2000	31	-1.15	0.27	1.63	-11.11	0.71	0.01	-0.94	-6.75	4.33	2.75	3.13	15.71	-27.06	11.52	-2.69	0.17	5.04	-5.80	-10.2442	
2001	4501	-0.54	6.58	-2.29	0.01	-0.33	-3.70	-0.34	1.14	-3.94	0.57	0.66	2.21	-6.71	4.18	-0.47	-4.13	-9.99	6.85	-10.2414	
2002	812	0.84	-16.58	2.03	0.01	-0.33	3.19	-0.80	-4.93	3.27	1.66	-2.22	0.10	1.37	-0.86	-0.47	-1.32	17.57	-12.75	-10.2403	
2003	2322	1.72	-13.00	2.31	0.01	-0.33	3.19	-0.80	-2.77	3.13	3.11	-1.54	0.10	1.21	-0.72	-1.03	0.35	7.55	-12.75	-10.2373	
2004	4689	-0.60	2.27	-2.08	0.01	0.02	-2.64	-0.34	6.79	-3.62	0.93	1.62	2.21	-6.35	4.31	-0.47	-3.49	-15.00	6.19	-10.2278	
2005	4271	2.12	-18.79	4.15	-11.11	1.75	2.13	1.56	-3.56	5.85	-0.53	-0.78	1.30	4.31	0.65	1.75	4.31	7.55	-12.87	-10.2264	
2006	1246	-1.74	0.82	0.73	5.58	-0.33	-1.05	1.56	-7.28	1.77	-4.53	-2.95	1.30	-0.28	-5.01	2.86	-2.22	2.54	-1.98	-10.2111	
2007	3305	1.77	-13.10	2.78	-5.55	1.40	-0.52	-0													

2010	1697	-1.35	10.41	-1.17	0.01	-1.02	-2.11	-0.34	-0.79	1.66	-1.25	1.02	-2.49	-4.11	-2.21	-0.47	-2.94	-7.48	7.75	-10.1687
2011	1404	-1.72	3.68	-0.84	-5.55	-1.72	-0.52	1.09	-8.36	-2.64	-1.62	-1.57	0.10	-5.26	-2.24	2.30	1.41	10.05	3.23	-10.1642
2012	3741	0.44	-0.57	-0.51	5.58	-1.02	1.07	-0.80	-2.63	-0.96	0.20	-2.26	0.10	-3.37	0.09	-0.47	-0.65	-2.47	-1.92	-10.1592
2013	1885	-1.41	6.10	-0.96	0.01	-0.68	-1.05	-0.34	4.87	-1.31	-0.89	1.98	-2.49	-3.75	-2.08	-0.47	-2.31	-12.49	7.10	-10.1564
2014	3635	2.77	-14.55	2.50	0.01	1.06	4.25	-0.34	-4.68	5.96	1.29	-0.73	1.30	4.40	-0.35	-1.03	3.21	-2.47	-12.75	-10.1519
2015	4180	0.75	-12.98	2.53	0.01	1.75	-0.52	1.56	-3.78	1.92	-1.25	-1.10	1.30	-0.12	0.68	2.30	1.10	5.04	-9.35	-10.1511
2016	3238	0.91	2.17	-0.84	11.14	-0.33	0.01	-0.34	1.01	-2.15	-1.25	0.09	-2.49	-4.70	-1.60	-1.03	-4.89	-7.48	1.64	-10.1224
2017	621	-1.15	-2.64	1.72	0.01	0.02	0.01	-0.34	-4.59	3.36	-1.62	-2.31	1.30	1.50	-3.40	-0.47	-0.14	5.04	-6.45	-10.1187
2018	607	-1.54	-0.74	1.07	5.58	-0.33	1.07	-0.34	-6.42	1.85	-3.43	-2.14	1.30	-0.20	-4.89	-2.14	3.13	0.03	-1.98	-10.1176
2019	1484	0.47	-11.39	2.18	-11.11	-1.37	2.13	1.09	-7.65	1.52	1.66	-0.54	0.10	-0.58	-0.64	2.30	2.69	17.57	-8.56	-10.1130
2020	3966	1.46	-0.21	0.30	0.01	-0.68	-0.52	1.56	-1.70	0.26	-1.62	0.60	-2.49	-1.99	-0.94	2.86	-4.55	-4.98	2.54	-10.0924
2021	4612	0.96	-9.26	-0.15	0.01	0.02	-0.52	-0.34	0.82	-0.79	3.11	1.85	2.21	-3.17	6.38	-0.47	-1.38	-7.48	-1.88	-10.0827
2022	3544	1.40	-8.73	0.88	11.14	1.06	1.60	-0.34	-4.90	2.02	0.57	-1.05	1.30	-0.03	-0.32	-0.47	0.01	-4.98	-9.24	-10.0766
2023	1194	-1.97	7.58	-0.91	5.58	-1.02	-2.64	1.56	-9.38	-0.30	-5.25	-2.37	1.30	-2.61	-5.34	2.86	-3.60	2.54	3.91	-10.0668
2024	78	-1.81	7.91	-0.93	-5.55	-0.68	-2.11	-0.94	-8.09	-0.48	-1.62	-2.37	-2.81	-2.82	-1.62	-1.58	0.73	10.05	4.64	-10.0605
2025	894	-1.15	8.61	-2.29	0.01	-1.02	-3.70	1.56	-3.93	-3.95	-2.71	0.34	-2.49	-6.72	-3.94	2.86	-5.94	7.55	6.85	-10.0527
2026	3449	-0.21	7.09	-1.54	0.01	-0.33	-1.05	-0.34	5.94	-1.99	-1.62	1.17	-2.49	-4.53	-0.80	-0.47	-3.11	-15.00	9.21	-10.0464
2027	1082	-1.21	4.30	-2.08	0.01	-0.68	-2.64	1.56	1.72	-3.62	-2.34	1.30	-2.49	-6.36	-3.81	2.86	-5.30	2.54	6.19	-10.0390
2028	2604	-0.93	6.18	-3.23	0.01	-0.68	-1.05	1.56	0.63	-4.58	-0.89	2.36	-2.49	-7.45	-1.78	3.41	-2.91	-7.48	9.27	-10.0314
2029	3341	2.04	-3.67	1.29	-5.55	-0.33	0.54	-0.34	0.99	1.84	1.29	1.24	-2.49	-0.20	0.67	-0.47	-2.48	-2.47	-1.92	-10.0000
2030	3327	1.65	-1.77	0.64	0.01	-0.68	1.60	-0.34	-0.84	0.34	-0.53	1.41	-2.49	-1.91	-0.82	-2.14	0.79	-7.48	2.54	-9.9989
2031	3166	2.74	-13.00	2.34	0.01	1.40	2.13	-0.94	-4.26	3.23	3.48	-1.54	-2.81	1.33	2.06	-1.58	0.62	7.55	-12.75	-9.9979
2032	1777	-1.35	11.40	-1.74	0.01	-1.02	-1.05	-0.34	-0.79	-2.33	-1.62	0.21	-2.49	-4.90	-2.36	-0.47	-3.55	-7.48	9.87	-9.9949
2033	2862	-0.23	-4.00	0.35	5.58	-1.37	1.60	1.09	-5.68	0.15	-0.53	-2.50	0.10	-2.13	-2.31	2.86	-0.51	2.54	-4.99	-9.9839
2034	555	-1.78	6.02	-0.57	5.58	-1.02	-0.52	-0.34	-8.51	-0.22	-4.16	-1.56	1.30	-2.53	-5.22	-2.14	1.75	0.03	3.91	-9.9732
2035	2188	-0.34	-9.22	1.02	5.58	-1.02	2.13	-0.80	-4.01	1.41	2.02	-0.89	0.10	-0.70	0.06	-0.47	3.65	0.03	-8.51	-9.9665
2036	3182	0.15	12.45	-1.17	0.01	-0.68	-2.11	-0.34	0.50	-1.63	-2.71	0.70	-2.49	-4.12	-1.96	-1.03	-3.30	-9.99	7.75	-9.9428
2037	172	0.65	-16.58	2.05	0.01	1.06	3.19	-0.94	-7.49	3.36	2.38	-2.22	-2.81	1.47	0.48	-1.03	-0.85	20.07	-12.75	-9.9394
2038	1682	1.53	-13.00	2.34	0.01	1.06	3.19	-0.94	-5.33	3.22	3.84	-1.54	-2.81	1.31	0.63	-1.58	0.82	10.05	-12.75	-9.9363
2039	3370	0.09	8.13	-0.96	0.01	-0.33	-1.05	-0.34	6.16	-1.31	-2.34	1.66	-2.49	-3.75	-1.83	-1.03	-2.66	-15.00	7.10	-9.9304
2040	5058	1.85	-13.00	2.33	0.01	0.36	2.13	-0.80	-0.29	3.19	1.66	-3.35	4.80	1.28	3.79	-1.03	-2.63	2.54	-12.75	-9.9177
2041	3397	-0.45	13.85	-3.18	0.01	-1.02	-2.64	-0.34	3.85	-4.06	-2.34	1.75	-2.49	-6.86	-1.12	-0.47	-4.49	-15.00	15.10	-9.9020
2042	4175	0.81	-5.55	0.53	5.58	0.02	2.66	1.56	-7.60	2.97	-2.34	-1.69	1.30	1.06	-1.94	2.86	2.35	-7.48	-4.99	-9.8986
2043	4713	-1.37	13.54	-2.98	-11.11	-0.33	-3.70	-0.34	6.28	-3.80	-0.89	1.42	2.21	-6.55	3.80	-0.47	-2.50	-17.50	14.42	-9.8743
2044	1279	0.79	-14.55	2.51	0.01	0.71	3.19	1.56	-8.56	6.01	-1.98	-2.54	1.30	4.46	-4.21	2.86	-1.23	12.56	-12.75	-9.8695
2045	1752	-0.92	4.05	-0.98	11.14	-1.02	0.01	-0.34	-2.12	-3.60	-0.89	1.09	-2.49	-6.34	-2.23	-1.58	-2.22	-7.48	6.06	-9.8673
2046	3660	0.10	2.35	-0.07	5.58	-1.37	0.01	-0.80	-4.48	-1.72	-0.53	-0.76	0.10	-4.23	-0.14	-1.58	2.28	-4.98	0.39	-9.8520
2047	2660	-0.45	-14.61	3.50	0.01	1.75	-1.05	1.56	-3.83	3.10	-0.53	-0.62	1.30	1.21	-0.68	2.30	2.49	7.55	-12.87	-9.8483
2048	488	-1.31	0.07	-1.99	0.01	-0.33	-1.05	-0.34	3.40	-3.05	-0.16	2.10	-2.49	-5.72	-1.60	-0.47	-1.75	0.03	4.79	-9.8478
2049	396	-2.08	10.66	-2.51	0.01	-1.02	-3.17	-0.34	1.86	-5.50	-1.98	3.04	-2.49	-8.47	-3.08	-1.58	-2.32	-2.47	11.58	-9.8432
2050	1718	-0.29	0.53	0.13	11.14	-0.33	-0.52	-0.34	0.97	-0.97	-0.53	0.57	-2.49	-3.37	-2.95	-1.03	-3.50	-4.98	-1.88	-9.8196
2051	2806	-1.00	6.28	0.03	-5.55	-1.72	-0.52	1.09	-6.20	0.66	-1.98	-1.89	0.10	-1.54	-2.67	2.86	1.09	0.03	1.12	-9.8043
2052	2624	-0.34	4.12	-0.83	-5.55	-0.33	0.01	1.56	1.89	-2.95	-0.53	2.31	-2.49	-5.62	-2.44	2.30	-0.69	-4.98	4.74	-9.7935
2053	2268	-0.34	-8.23	0.44	5.58	-1.02	3.19	-0.80	-4.01	0.72	1.66	-1.70	0.10	-1.49	-0.09	-0.47	3.04	0.03	-6.40	-9.7927
2054	2698	0.30	-5.15	1.18	11.14	0.71	0.54	1.56	-6.62	1.94	-1.25	-2.17	1.30	-0.12	-4.04	2.86	-2.76	0.03	-9.24	-9.7912
2055	2930	0.92	-17.24	3.97	-11.11	0.36	2.13	1.09	-1.65	5.77	-0.89	-3.40	0.10	4.21	-0.44	2.86	-1.17	17.57	-12.87	-9.7810
2056	3828	0.57	3.39	-1.61	0.01	-0.33	-1.05	1.56	-2.89	-2.63	-0.53	1.95	-2.49	-5.25	0.07	3.41	-2.35	-4.98	3.33	-9.7809
2057	3791	2.00	-7.29	0.42	-5.55	-1.37	3.19	-0.80	-4.82	2.59	1.29	-0.80	0.10	0.62	0.99	-1.03	4.67	0.03	-4.03	-9.7785
2058	2024	0.19	-10.37	1.85	11.14	1.06	1.07	-0.34	-4.95	3.20	1.29	-0.56	1.30	1.30	-1.68	-0.47	1.40	-2.47	-12.75	-9.7738
2059	3262	0.15	13.43	-1.74	0.01	-0.68	-1.05	-0.34	0.50	-2.33	-3.07	-0.11	-2.49	-4.90	-2.11	-1.03	-3.91	-9.99	9.87	-9.7689
2060	4016	0.51	-0.92	-1.40	0.01	0.02	0.01	1.56	2.77	-2.31	-0.16	2.91	-2.49	-4.89	0.20	3.41	-1.71	-9.99	2.68	-9.7685
2061	4500	-0.88	10.50	-2.42	0.01	-0.68	-3.70	-0.34	-0.71	-5.40	-0.53	1.34	2.21	-8.36	3.80	-1.58	-1.81	-12.49	11.27	-9.7604
2062	4634	-1.07	14.58	-2.41	-11.11	-0.33	-3.70	-0.34	6.50	-3.11	-1.62	1.92	2.21	-5.77	2.76	-1.03	-2.05	-17.50	12.31	-9.7584
2063	2473	-0.28	3.87	-0.95	0.01	-1.37	-2.64	1.56	-4.06	-1.32	-0.89	1.17	-2.49	-3.76	-1.58	3.41	-4.99	-2.47	7.03	-9.7523
2064	6123	1.23	-1.11	0.85	-11.11	1.06	2.66	-0.94	5.71	2.10	0.93	-2.66	2.65	0.08	1.02	-2.69	-0.14	-7.48	-1.90	-9.7479
2065	4688	-0.94	6.19	-2.22	0.01	-0.33	-2.64	-0.34	4.94	-5.07	-0.16	2.30	2.21	-7.99	3.93	-1.58	-1.17	-17.50	10.61	-9.7467
2066	6117	1.28	-6.79	0.35	0.01	2.10	0.54	-0.94	7.34	1.02	3.11	-3.03	2.65	-1.15	2.59	-1.03	-6.73	-4.98	-6.09	-9.7315
2067	3032	0.68	-9.22	1.04	5.58	0.71	1.07	-0.94	-5.51	1.51	2.38	-0.89	-2.81	-0.59	2.84	-1.03	3.92	0.03	-8.51	-9.7271
2068	4766	-1.07	5.94	0.06	5.58	0.02	-3.17	-0.34	-3.07	0.89	-2.71	-1.89	6.00	-1.27	1.68	-1.03	-0.74	-15.00	0.39	-9.7268
2069	985	0.06	-3.67	1.30	-5.55	-0.68	-0.52	1.56	-2.89	1.89	-1.98	-0.57	-2.49	-0.14	-3.19	3.41	-6.92	12.56	-1.92	-9.7176
2070	2167	-0.81	4.72	0.36	-5.55	-1.72	1.60	-0.80	-5.33	0.74	-0.89	-1.08	0.10	-1.45	-2.55	-2.14	6.43	-2.47	1.12	-9.7107
2071	4909	0.71	-19.27	3.80	-11.11	2.10	-1.05	-0.34	1.26	5.73	2.02	-1.28	6.00	4.18	7.01	-0.47	1.34	2.54	-12.87	-9.7041
2072	436	-1.55	6.83	-3.63	0.01	-1.02	-2.64	-0.34	1.30	-5.12	-0.89	2.68	-2							

2075	3740	0.10	3.34	-0.65	5.58	-1.37	1.07	-0.80	-4.48	2.42	-0.89	-1.57	0.10	-5.01	-0.29	-1.58	1.67	-4.98	2.50	-9.6781
2076	2740	-0.45	-13.62	2.92	0.01	1.75	0.01	1.56	-3.83	2.41	-0.89	-1.43	1.30	0.43	-0.82	2.30	1.88	7.55	-10.75	-9.6744
2077	1548	-0.53	-9.22	1.04	5.58	0.36	2.13	-0.94	-6.58	1.50	2.75	-0.89	-2.81	-0.60	1.41	-1.03	4.12	2.54	-8.51	-9.6656
2078	2216	-0.57	-1.47	-1.20	5.58	-1.72	1.60	-0.80	-6.10	-1.35	0.93	-1.12	0.10	-3.81	-0.42	-0.47	1.66	0.03	-0.51	-9.6483
2079	1798	-0.29	1.52	-0.45	11.14	-0.33	0.54	-0.34	0.97	-1.66	-0.89	-0.24	-2.49	-4.15	-3.10	-1.03	-4.11	-4.98	0.24	-9.6458
2080	2886	-1.00	7.26	-0.55	-5.55	-1.72	0.54	1.09	-6.20	-0.03	-2.34	-2.70	0.10	-2.32	-2.82	2.86	0.48	0.03	3.23	-9.6304
2081	427	-1.25	9.20	-3.19	-11.11	-1.02	-2.11	-0.34	1.52	-2.65	-1.62	2.37	-2.49	-5.27	-2.90	-1.03	0.82	0.03	11.40	-9.6274
2082	1165	-2.03	-2.20	1.31	5.58	-0.33	-2.11	1.56	-7.50	2.47	-3.07	-1.82	1.30	0.51	-3.68	3.41	-1.46	2.54	-4.09	-9.6170
2083	3908	0.57	4.38	-2.18	0.01	-0.33	0.01	1.56	-2.89	-3.33	-0.89	1.14	-2.49	-6.03	-0.08	3.41	-2.96	-4.98	5.45	-9.6070
2084	2104	0.19	-9.38	1.27	11.14	1.06	2.13	-0.34	-4.95	2.51	0.93	-1.37	1.30	0.52	-1.83	-0.47	0.79	-2.47	-10.64	-9.6000
2085	2655	-0.39	-7.19	1.50	5.58	0.02	2.13	1.56	-7.65	4.15	-1.62	-1.21	1.30	2.39	-3.29	2.86	3.75	-4.98	-8.51	-9.5958
2086	717	-1.92	5.88	-0.95	-5.55	-2.06	-2.11	-0.80	-5.74	-0.56	-1.25	-2.06	0.10	-2.91	-1.78	-0.47	0.41	7.55	4.64	-9.5935
2087	467	-1.78	14.02	-2.64	-11.11	-1.02	-1.58	-0.34	2.08	-3.72	-3.07	1.92	-2.49	-6.47	-4.21	-2.14	1.03	-2.47	14.42	-9.5920
2088	2966	1.19	-7.80	2.48	-11.11	-1.37	3.19	1.09	-5.49	4.13	0.93	-1.66	0.10	2.36	-1.22	2.86	1.75	7.55	-8.56	-9.5793
2089	2207	-0.28	0.89	-0.76	-5.55	-1.72	2.13	-0.80	-5.89	1.12	0.20	-1.44	0.10	-1.03	-1.39	-1.03	5.61	0.03	0.22	-9.5722
2090	3112	0.68	-8.23	0.47	5.58	0.71	2.13	-0.94	-5.51	0.82	2.02	-1.70	-2.81	-1.37	2.69	-1.03	3.31	0.03	-6.40	-9.5533
2091	4846	-1.07	6.93	-0.52	5.58	0.02	-2.11	-0.34	-3.07	0.19	-3.07	-2.70	6.00	-2.06	1.53	-1.03	-1.35	-15.00	2.50	-9.5530
2092	2247	-0.81	5.71	-0.21	-5.55	-1.72	2.66	-0.80	-5.33	0.05	-1.25	-1.89	0.10	-2.24	-2.70	-2.14	5.82	-2.47	3.23	-9.5369
2093	3958	1.22	5.90	-0.95	0.01	-1.02	-2.64	1.56	-2.77	-1.32	-2.34	0.85	-2.49	-3.76	-1.34	2.86	-5.34	-4.98	7.03	-9.5263
2094	4734	-0.30	3.65	-1.69	0.01	0.36	-2.11	-0.34	8.03	-3.13	-0.16	0.98	2.21	-5.81	3.05	-1.03	-3.06	-15.00	4.79	-9.5252
2095	4604	0.73	-3.15	-1.40	0.01	-0.33	-2.64	-0.34	-0.25	-2.37	2.38	2.10	2.21	-4.94	5.99	-0.47	-2.17	-7.48	2.61	-9.5165
2096	1302	0.10	-17.24	3.80	-11.11	1.40	-1.05	1.56	-3.80	5.72	-1.25	-1.59	1.30	4.17	-1.11	2.86	-0.47	20.07	-12.87	-9.5153
2097	3995	0.04	13.03	-2.06	-11.11	-0.68	-0.52	1.56	1.45	-2.98	-3.07	2.73	-2.49	-5.64	-2.41	1.75	1.06	-12.49	12.31	-9.5127
2098	1746	-0.53	8.28	-2.09	11.14	-1.02	-1.05	-0.34	-1.12	-3.73	-1.62	0.34	-2.49	-6.48	-3.43	-1.03	-5.49	-4.98	6.12	-9.5014
2099	1628	-0.53	-8.23	0.46	5.58	0.36	3.19	-0.94	-6.58	0.81	2.38	-1.70	-2.81	-1.38	1.26	-1.03	3.51	2.54	-6.40	-9.4917
2100	2327	1.39	-9.36	2.82	-11.11	-1.37	5.31	-0.80	-4.62	4.21	2.02	-0.85	0.10	2.44	-1.10	-2.14	7.09	5.04	-8.56	-9.4857
2101	4127	0.04	4.39	0.41	5.58	-0.33	0.01	1.56	-8.11	1.02	-4.16	-1.08	1.30	-1.14	-3.50	1.75	2.37	-9.99	0.39	-9.4812
2102	3011	0.20	4.72	0.39	-5.55	0.02	0.54	-0.94	-6.83	0.84	-0.53	-1.08	-2.81	-1.34	0.22	-2.69	6.70	-2.47	1.12	-9.4713
2103	2321	1.43	-15.03	2.31	0.01	-0.33	3.19	-0.80	-2.99	3.14	4.20	-1.22	0.10	1.22	0.47	-0.47	0.51	7.55	-12.75	-9.4694
2104	456	-0.96	4.77	-1.23	-5.55	-0.68	-1.58	-0.34	2.57	-3.49	-0.53	2.63	-2.49	-6.22	-2.58	-1.58	-0.91	2.54	6.15	-9.4655
2105	3135	2.12	-18.79	4.33	-11.11	2.10	3.19	-0.94	-2.28	5.95	0.57	-2.59	-2.81	4.41	2.45	-2.69	4.44	15.06	-12.87	-9.4481
2106	1245	-2.03	-1.21	0.73	5.58	-0.33	-1.05	1.56	-7.50	1.77	-3.43	-2.64	1.30	-0.28	-3.83	3.41	-2.07	2.54	-1.98	-9.4432
2107	3319	1.41	4.34	-0.61	0.01	-1.02	-0.52	-0.34	-1.91	-1.24	-1.25	1.66	-2.49	-3.68	-1.22	-2.14	0.00	-7.48	7.03	-9.4328
2108	1957	-1.65	13.20	-2.79	0.01	-1.02	-2.11	-0.34	3.80	-3.58	-1.98	1.42	-2.49	-6.31	-2.63	-0.47	-3.71	-12.49	13.69	-9.4254
2109	2735	-0.39	-6.20	0.92	5.58	0.02	3.19	1.56	-7.65	3.46	-1.98	-2.02	1.30	1.61	-3.44	2.86	3.14	-4.98	-6.40	-9.4219
2110	663	0.30	-18.79	4.13	-11.11	1.40	1.07	-0.34	-2.94	5.80	-0.16	-0.78	1.30	4.25	-0.99	-2.14	4.87	17.57	-12.87	-9.4218
2111	2236	0.02	-3.54	1.20	0.01	-1.37	2.66	-0.80	-4.84	0.28	1.29	-1.17	0.10	-1.98	-1.08	-1.58	3.89	2.54	-5.04	-9.4104
2112	1527	-1.00	4.72	0.39	-5.55	-0.33	1.60	-0.94	-7.89	0.84	-0.16	-1.08	-2.81	-1.35	-1.21	-2.69	6.90	0.03	1.12	-9.4098
2113	3060	0.44	-1.47	-1.18	5.58	0.02	0.54	-0.94	-7.60	-1.25	1.29	-1.12	-2.81	-3.70	2.36	-1.03	1.93	0.03	-0.51	-9.4089
2114	1651	0.92	-18.79	4.33	-11.11	1.75	4.25	-0.94	-3.35	5.95	0.93	-2.59	-2.81	4.40	1.02	-2.69	4.64	17.57	-12.87	-9.3865
2115	5996	-0.57	5.47	-2.40	-5.55	1.06	-2.11	-0.94	5.25	-2.55	2.75	-0.64	2.65	-5.15	3.70	-1.03	-0.19	-12.49	3.36	-9.3823
2116	4682	-0.54	10.41	-3.33	0.01	-0.33	-3.70	-0.34	5.94	-5.20	-0.89	1.56	2.21	-8.13	2.73	-1.03	-4.44	-15.00	10.68	-9.3809
2117	3237	0.62	0.13	-0.84	11.14	-0.33	0.01	-0.34	0.80	-2.14	-0.16	0.40	-2.49	-4.69	-0.42	-0.47	-4.74	-7.48	1.64	-9.3545
2118	1576	-0.76	-1.47	-1.18	5.58	-0.33	1.60	-0.94	-8.67	-1.26	1.66	-1.12	-2.81	-3.71	0.93	-1.03	2.13	2.54	-0.51	-9.3474
2119	572	-1.07	-12.98	2.52	0.01	1.40	-1.58	-0.34	-3.16	1.87	-0.89	-1.10	1.30	-0.17	-0.97	-1.58	1.67	15.06	-9.35	-9.3465
2120	3051	0.74	0.89	-0.74	-5.55	0.02	1.07	-0.94	-7.38	1.22	0.57	-1.44	-2.81	-0.91	1.38	-1.58	5.88	0.03	0.22	-9.3328
2121	3965	1.16	-2.25	0.30	0.01	-0.68	-0.52	1.56	-1.92	0.26	-0.53	0.91	-2.49	-1.98	0.24	3.41	-4.40	-4.98	2.54	-9.3245
2122	1878	-1.35	14.24	-2.21	0.01	-1.02	-2.11	-0.34	4.02	-2.89	-2.71	1.92	-2.49	-5.53	-3.66	-1.03	-3.25	-12.49	11.58	-9.3095
2123	4207	0.04	5.38	-0.17	5.58	-0.33	1.07	1.56	-8.11	0.33	-4.53	-1.89	1.30	-1.92	-3.64	1.75	1.76	-9.99	2.50	-9.3074
2124	1193	-2.27	5.54	-0.91	5.58	-1.02	-2.64	1.56	-9.59	-0.29	-4.16	-2.06	1.30	-2.60	-4.15	3.41	-3.45	2.54	3.91	-9.2989
2125	3091	0.20	5.71	-0.19	-5.55	0.02	1.60	-0.94	-6.83	0.15	-0.89	-1.89	-2.81	-2.12	0.07	-2.69	6.09	-2.47	3.23	-9.2975
2126	77	-2.11	5.88	-0.93	-5.55	-0.68	-2.11	-0.94	-8.31	-0.47	-0.53	-2.06	-2.81	-2.81	-0.43	-1.03	0.88	10.05	4.64	-9.2926
2127	358	-0.37	-0.21	0.29	0.01	-1.02	-1.58	-0.34	-1.08	0.20	-1.25	0.60	-2.49	-2.04	-2.59	-1.03	-3.98	5.04	2.54	-9.2879
2128	893	-1.44	6.58	-2.29	0.01	-1.02	-3.70	1.56	-4.15	-3.94	-1.62	0.66	-2.49	-6.72	-2.76	3.41	-5.79	7.55	6.85	-9.2847
2129	2683	-0.63	0.56	-0.72	5.58	-0.68	1.60	1.56	-9.74	1.39	-2.71	-1.44	1.30	-0.72	-3.77	2.86	1.76	-4.98	-0.51	-9.2776
2130	1567	-0.47	0.89	-0.74	-5.55	-0.33	2.13	-0.94	-8.45	1.21	0.93	-1.44	-2.81	-0.93	-0.05	-1.58	6.08	2.54	0.22	-9.2713
2131	1081	-1.50	2.27	-2.08	0.01	-0.68	-2.64	1.56	1.51	-3.62	-1.25	1.62	-2.49	-6.35	-2.63	3.41	-5.15	2.54	6.19	-9.2711
2132	3171	2.40	-9.36	2.84	-11.11	0.36	4.25	-0.94	-6.12	4.31	2.38	-0.85	-2.81	2.56	1.68	-2.69	7.36	5.04	-8.56	-9.2463
2133	3806	2.93	-13.00	2.31	0.01	0.02	3.19	-0.80	-1.70	3.14	2.75	-1.54	0.10	1.22	0.71	-1.03	0.15	5.04	-12.75	-9.2435
2134	1607	-1.00	5.71	-0.19	-5.55	-0.33	5.71	-0.94	-7.89	0.14	-0.53	-1.89	-2.81	-2.13	-1.36	-2.69	6.29	0.03	3.23	-9.2359
2135	3165	2.44	-15.03	2.34	0.01	1.40	2.13	-0.94	-4.48	3.24	4.57	-1.22	-2.81	1.33	3.24	-1.03	0.77	7.55	-12.75	-9.2300
2136	4583	1.10	-7.23	0.49	0.01	0.02	0.54	-0.34	1.04	1.95	-0.16	-0.28	2.21	-0.08	3.49	-1.03	-1.61	-7.48	-1.88	-9.2251
2137	2861	-0.53	-6.04	0.35	5.58	-1.37	1.60	1.09	-5.90	0.15	0.57	-2.19	0.10	-2.12	-1.12	3.4				

2140	2468	1.41	-10.41	0.85	5.58	0.36	1.60	1.56	-3.25	1.05	0.57	0.37	-2.49	-1.13	-1.62	3.41	-5.99	5.04	6.12	-9.1989	
2141	1687	1.20	-9.36	2.84	-11.11	0.02	5.31	-0.94	-7.18	4.30	2.75	-0.85	-2.81	2.55	0.25	-2.69	7.56	7.55	-8.56	-9.1848	
2142	3181	-0.15	10.41	-1.16	0.01	-0.68	-2.11	-0.34	0.28	-1.63	-1.62	1.02	-2.49	-4.11	-0.78	-0.47	-3.15	-9.99	7.75	-9.1749	
2143	3080	1.03	-3.54	1.23	0.01	0.36	1.60	-0.94	-6.33	0.38	1.66	-1.17	-2.81	-1.86	1.70	-2.14	4.15	2.54	-5.04	-9.1710	
2144	1681	1.24	-15.03	2.34	0.01	1.06	3.19	-0.94	-5.55	3.23	4.93	-1.22	-2.81	1.32	1.81	-1.03	0.98	10.05	-12.75	-9.1684	
2145	5063	1.51	-9.36	2.83	-11.11	-0.68	4.25	-0.80	-2.14	4.27	0.57	-2.66	4.80	2.51	3.40	-2.14	4.11	0.03	-8.56	-9.1662	
2146	3369	-0.21	6.10	-0.96	0.01	-0.33	-1.05	-0.34	5.94	-1.30	-1.25	1.98	-2.49	-3.75	-0.65	-0.47	-2.51	-15.00	7.10	-9.1625	
2147	5057	1.55	-15.03	2.33	0.01	0.36	2.13	-0.80	-0.51	3.19	2.75	-3.03	4.80	1.29	4.97	-0.47	-2.48	2.54	-12.75	-9.1498	
2148	2524	-0.93	5.19	-2.65	0.01	-0.68	-1.05	1.56	0.63	-3.89	-0.53	3.17	-2.49	-6.67	-1.63	3.41	-2.31	-7.48	7.16	-9.1476	
2149	1004	0.06	-9.26	-0.15	0.01	-0.68	-0.52	1.56	-4.47	-0.79	0.93	1.85	-2.49	-3.18	-0.55	3.41	-3.04	10.05	-1.88	-9.1260	
2150	1596	-0.17	-3.54	1.22	0.01	0.02	2.66	-0.94	-7.40	0.37	2.02	-1.17	-2.81	-1.87	0.27	-2.14	4.36	5.04	-5.04	-9.1095	
2151	567	-1.01	-5.55	0.52	5.58	-0.33	1.60	-0.34	-6.97	2.92	-1.98	-1.69	-6.97	1.30	1.01	-3.59	-1.03	2.92	2.54	-4.99	-9.0940
2152	1717	-0.59	-1.50	0.13	11.14	-0.33	-0.52	-0.34	0.75	-0.96	0.57	0.89	-2.49	-3.36	-1.77	-0.47	-3.35	-4.98	-1.88	-9.0517	
2153	2703	-0.04	-1.51	1.69	0.01	-0.33	2.66	1.56	-8.47	3.02	-2.34	-1.49	1.30	1.11	-4.43	1.75	3.98	-2.47	-5.04	-9.0396	
2154	4088	0.28	6.18	-3.23	0.01	-0.33	-1.05	1.56	1.70	-4.58	-1.25	2.36	-2.49	-7.44	-0.35	3.41	-3.12	-9.99	9.27	-9.0376	
2155	2805	-1.30	4.24	0.03	-5.55	-1.72	-0.52	1.09	-6.42	0.67	-0.89	-1.57	0.10	-1.53	-1.49	3.41	1.24	0.03	1.12	-9.0363	
2156	2697	0.00	-7.18	1.18	11.14	0.71	0.54	1.56	-6.84	1.94	-0.16	-1.86	1.30	-0.11	-2.86	3.41	-2.61	0.03	-9.24	-9.0233	
2157	2929	0.62	-19.27	3.97	-11.11	0.36	2.13	1.09	-1.87	5.78	0.20	-3.09	0.10	4.22	0.74	3.41	-1.02	17.57	-12.87	-9.0131	
2158	3261	-0.15	11.40	-1.74	0.01	-0.68	-1.05	-0.34	0.28	-2.32	-1.98	0.21	-2.49	-4.89	-0.93	-0.47	-3.76	-9.99	9.87	-9.0010	
2159	4633	-1.37	12.55	-2.40	-11.11	-0.33	-3.70	-0.34	6.28	-3.10	-0.53	2.23	2.21	-5.77	3.95	-0.47	-1.90	-17.50	12.31	-8.9905	
2160	4346	0.97	-4.00	0.35	5.58	-1.02	1.60	1.09	-4.61	0.15	-0.89	-2.50	0.10	-2.12	-0.88	2.86	-0.71	0.03	-4.99	-8.9901	
2161	220	-1.25	3.39	-1.62	0.01	-0.68	-2.11	-0.34	-2.26	-2.68	-0.16	1.95	-2.49	-5.30	-1.58	-0.47	-1.78	5.04	3.33	-8.9763	
2162	3672	0.87	-9.22	1.02	5.58	-0.68	2.13	-0.80	-2.94	1.42	1.66	-0.89	0.10	-0.69	1.49	-0.47	3.45	-2.47	-8.51	-8.9727	
2163	408	-1.31	-0.92	-1.41	0.01	-0.33	-1.05	-0.34	3.40	-2.36	0.20	2.91	-2.49	-4.94	-1.45	-0.47	-1.14	0.03	2.68	-8.9640	
2164	1450	0.95	-13.00	2.33	0.01	-0.33	2.13	1.09	-5.58	3.19	-0.53	-3.35	0.10	1.28	-3.15	2.86	-4.29	20.07	-12.75	-8.9611	
2165	4765	-1.37	3.91	0.06	5.58	0.02	-3.17	-0.34	-3.28	0.89	-1.62	-1.57	6.00	-1.26	2.86	-0.47	-0.59	-15.00	0.39	-8.9589	
2166	1938	-0.23	8.35	-0.93	-5.55	-0.68	-0.52	-0.34	4.73	-0.88	-1.25	1.51	-2.49	-3.28	-3.16	-1.03	-1.84	-7.48	6.15	-8.9317	
2167	1105	-2.27	13.54	-2.98	-11.11	-1.02	-3.70	1.56	0.99	-3.80	-3.07	1.42	-2.49	-6.55	-3.14	3.41	-4.16	0.03	14.42	-8.9176	
2168	2544	-0.34	3.13	-0.25	-5.55	-0.33	0.01	1.56	1.89	-2.26	-0.16	3.12	-2.49	-4.83	-2.29	2.30	-0.08	-4.98	2.63	-8.9096	
2169	2595	-0.63	8.55	-2.79	-11.11	-0.68	0.54	1.56	0.85	-2.11	-1.62	2.04	-2.49	-4.67	-2.76	2.86	1.04	-7.48	10.00	-8.8963	
2170	1797	-0.59	-0.51	-0.45	11.14	-0.33	0.54	-0.34	0.75	-1.65	0.20	0.08	-2.49	-4.15	-1.92	-0.47	-3.96	-4.98	0.24	-8.8779	
2171	3236	0.28	4.05	-0.98	11.14	-0.68	0.01	-0.34	-1.06	-3.60	-1.25	1.09	-2.49	-6.34	-0.80	-1.58	-2.42	-9.99	6.06	-8.8735	
2172	2885	-1.30	5.23	-0.55	-5.55	-1.72	0.54	1.09	-6.42	-0.03	-1.25	-2.38	0.10	-2.32	-1.64	3.41	0.63	0.03	3.23	-8.8625	
2173	4144	0.75	-14.61	3.50	0.01	2.10	-1.05	1.56	-2.76	3.10	-0.89	-0.62	1.30	1.22	0.76	2.30	2.29	5.04	-12.87	-8.8544	
2174	3202	0.91	0.53	0.13	11.14	0.02	-0.52	-0.34	2.04	-0.96	-0.89	0.57	-2.49	-3.36	-1.52	-1.03	-3.70	-7.48	-1.88	-8.8258	
2175	2054	-0.35	-9.39	2.81	0.01	1.40	-0.52	-0.34	-1.00	4.47	-1.62	-2.23	1.30	2.77	-1.55	-1.03	0.73	5.04	-9.35	-8.8127	
2176	2965	0.90	-9.84	2.48	-11.11	-1.37	3.19	1.09	-5.71	4.14	2.02	-1.35	0.10	2.37	-0.03	3.41	1.90	7.55	-8.56	-8.8114	
2177	4290	0.20	6.28	0.03	-5.55	-1.37	-0.52	1.09	-5.13	0.67	-2.34	-1.89	0.10	-1.53	-1.24	2.86	0.88	-2.47	1.12	-8.8104	
2178	2951	0.50	-7.94	1.83	-5.55	-1.72	4.25	1.09	-7.54	2.63	0.20	-1.18	0.10	0.66	-1.53	1.75	5.17	2.54	-4.09	-8.8103	
2179	892	-1.78	10.50	-2.42	0.01	-1.37	-3.70	1.56	-6.00	-5.40	-2.71	1.34	-2.49	-8.36	-3.14	2.30	-3.47	5.04	11.27	-8.8037	
2180	300	-1.25	4.38	-2.20	0.01	-0.68	-1.05	-0.34	-2.26	-3.38	-0.53	1.14	-2.49	-6.08	-1.73	-0.47	-2.39	5.04	5.45	-8.8025	
2181	1026	-1.97	14.58	-2.41	-11.11	-1.02	-3.70	1.56	1.21	-3.11	-3.80	1.92	-2.49	-5.78	-4.18	2.86	-3.71	0.03	12.31	-8.8017	
2182	4936	-0.29	-2.78	-0.42	-5.55	-0.68	-0.52	-0.80	-2.60	-0.38	2.38	-0.64	4.80	-2.72	6.09	-0.47	4.06	-4.98	-3.30	-8.8006	
2183	4108	0.87	4.12	-0.83	-5.55	0.02	0.01	1.56	2.96	-2.95	-0.89	2.31	-2.49	-5.61	-1.01	2.30	-0.89	-7.48	4.74	-8.7996	
2184	3752	0.87	-8.23	0.44	5.58	-0.68	3.19	-0.80	-2.94	0.72	1.29	-1.70	0.10	-1.48	1.34	-0.47	2.84	-2.47	-6.40	-8.7989	
2185	4182	1.50	-5.15	1.18	11.14	1.06	0.54	1.56	-5.55	1.94	-1.62	-2.17	1.30	-0.11	-2.61	2.86	-2.96	-2.47	-9.24	-8.7974	
2186	1080	-1.84	6.19	-2.22	0.01	-1.02	-2.64	1.56	-0.35	-5.07	-2.34	2.30	-2.49	-7.99	-3.01	2.30	-2.83	0.03	10.61	-8.7900	
2187	4414	2.12	-17.24	3.97	-11.11	0.71	2.13	1.09	-0.58	5.78	-1.25	-3.40	0.10	4.22	0.99	2.86	-1.37	15.06	-12.87	-8.7872	
2188	4845	-1.37	4.90	-0.51	5.58	0.02	-2.11	-0.34	-3.28	0.20	-1.98	-2.38	6.00	-2.05	2.71	-0.47	-1.20	-15.00	2.50	-8.7851	
2189	3508	1.40	-10.37	1.85	11.14	1.40	1.07	-0.34	-3.88	3.21	0.93	-0.56	1.30	1.31	-0.25	-0.47	1.20	-4.98	-12.75	-8.7800	
2190	1158	-1.97	5.94	0.06	5.58	-0.68	-3.17	1.56	-8.35	0.89	-4.89	-1.89	1.30	-1.27	-5.26	2.86	-2.40	2.54	0.39	-8.7701	
2191	3957	0.92	3.87	-0.95	0.01	-1.02	-2.64	1.56	-2.99	-1.31	-1.25	1.17	-2.49	-3.75	-0.15	3.41	-5.19	-4.98	7.03	-8.7584	
2192	4733	-0.60	1.62	-1.69	0.01	0.36	-2.11	-0.34	7.81	-3.12	0.93	1.29	2.21	-5.80	4.24	-0.47	-2.91	-15.00	4.79	-8.7573	
2193	1852	0.92	-14.65	2.48	-5.55	1.06	-0.52	-0.34	2.38	0.84	2.38	2.12	-2.49	-1.33	1.60	-1.58	0.12	10.05	-6.23	-8.7512	
2194	1301	-0.19	-19.27	3.80	-11.11	1.40	-1.05	1.56	-4.02	5.72	-0.16	-1.28	1.30	4.18	0.07	3.41	-0.32	20.07	-12.87	-8.7474	
2195	2860	-0.87	-2.12	0.22	5.58	-1.72	1.60	1.09	-7.75	-1.30	-0.53	-1.50	0.10	-3.76	-1.51	2.30	1.96	0.03	-0.57	-8.7349	
2196	1745	-0.82	6.24	-2.09	11.14	-1.02	-1.05	-0.34	-1.34	-3.72	-0.53	0.66	-2.49	-6.47	-2.24	-0.47	-5.34	-4.98	6.12	-8.7335	
2197	350	-0.60	5.90	-0.96	0.01	-1.37	-3.70	-0.34	-2.15	-1.37	-1.98	0.85	-2.49	-3.81	-2.98	-1.03	-4.77	5.04	7.03	-8.7217	
2198	3651	0.39	4.72	0.37	-5.55	-1.37	1.60	-0.80	-4.26	0.75	-1.25	-1.08	0.10	-1.45	-1.12	-2.14	6.23	-4.98	1.12	-8.7169	
2199	387	-1.78	13.03	-2.07	-11.11	-1.02	-1.58	-0.34	2.08	-3.03	-2.71	2.73	-2.49	-5.69	-4.06	-2.14	1.63	-2.47	12.31	-8.7082	
2200	3775	2.31	-18.79	4.31	-11.11	0.71	4.25	-0.80	0.29	5.86	-0.16	-2.59	0.10	4.30	1.11	-2.14	3.97	12.56	-12.87	-8.6936	
2201	2826	-0.23	-5.64	1.32	5.58	-1.02	1.07	1.09	-4.66	1.33	-0.16	-2.02	0.10	-0.79	-2.23	2.86	0.68	2.54	-8.51	-8.6873	
2202	4224	0.75	-13.62	2.92	0.01	2.10	0.01	1.56	-2.76	2.41	-1.25	-1.43	1.30								

2205	4466	-0.24	6.98	-1.32	0.01	0.02	6.98	-3.17	-0.34	2.38	2.76	-0.16	0.83	2.21	-5.39	3.07	-1.03	-3.09	-9.99	3.33	-8.6537
2206	3282	0.91	1.52	-0.45	11.14	0.02	0.54	-0.34	-0.34	2.04	-1.65	-1.25	-0.24	-2.49	-4.15	-1.67	-1.03	-4.31	-7.48	0.24	-8.6520
2207	6134	0.32	1.86	-0.50	-5.55	0.71	-0.52	-0.94	6.43	0.33	1.66	-1.99	2.65	-1.90	2.69	-1.58	-2.40	-12.49	2.57		-8.6438
2208	4654	-0.30	2.66	-1.11	0.01	0.36	-2.11	-0.34	8.03	-2.44	0.20	1.79	2.21	-5.02	3.20	-1.03	-2.45	-15.00	2.68		-8.6414
2209	4370	0.20	7.26	-0.55	-5.55	-1.37	0.54	1.09	-5.13	-0.03	-2.71	-2.70	0.10	-2.32	-1.39	2.86	0.27	-2.47	3.23		-8.6366
2210	5016	-0.29	-1.79	-1.00	-5.55	-0.68	0.54	-0.80	-2.60	-1.08	2.02	-1.45	4.80	-3.50	5.94	-0.47	3.45	-4.98	-1.19		-8.6268
2211	4681	-0.84	8.38	-3.33	0.01	-0.33	-3.70	-0.34	5.72	-5.19	0.20	1.87	2.21	-8.13	3.91	-0.47	-4.29	-15.00	10.68		-8.6130
2212	3588	1.40	-9.38	1.27	11.14	1.40	2.13	-0.34	-3.88	2.52	0.57	-1.37	1.30	0.53	-0.40	-0.47	0.59	-4.98	-10.64		-8.6061
2213	4139	0.81	-7.19	1.50	5.58	0.36	2.13	1.56	-6.58	4.16	-1.98	-1.21	1.30	2.40	-1.86	2.86	3.54	-7.48	-8.51		-8.6019
2214	1238	-1.97	6.93	-0.52	5.58	-0.68	-2.11	1.56	-8.35	0.19	-5.25	-2.70	1.30	-2.06	-5.41	2.86	-3.01	2.54	2.50		-8.5963
2215	4450	2.40	-7.80	2.48	-11.11	-1.02	3.19	1.09	-4.42	4.13	0.57	-1.66	0.10	2.37	0.21	2.86	1.55	5.04	-8.56		-8.5854
2216	3691	0.93	0.89	-0.76	-5.55	-1.37	2.13	-0.80	-4.82	1.13	-0.16	-1.44	0.10	1.13	-1.02	0.04	-1.03	5.41	-2.47	0.22	-8.5784
2217	1716	-0.92	2.41	-0.01	11.14	-0.68	-0.52	-0.34	-1.10	-2.42	-0.53	1.57	-2.49	-5.00	-2.15	-1.58	-1.03	-7.48	2.54		-8.5707
2218	1126	-1.21	3.65	-1.69	0.01	-0.33	-2.11	1.56	2.75	-3.13	-2.34	0.98	-2.49	-5.81	-3.88	2.86	-4.72	2.54	4.79		-8.5685
2219	996	-0.18	-3.15	-1.40	0.01	-1.02	-2.64	1.56	-5.53	-2.37	0.20	2.10	-2.49	-4.95	-0.95	3.41	-3.83	10.05	2.61		-8.5598
2220	3731	0.39	5.71	-0.21	-5.55	-1.37	2.66	-0.80	-4.26	0.05	-1.62	-1.89	0.10	-2.23	-1.27	-2.14	5.62	-4.98	3.23		-8.5431
2221	1877	-1.65	12.21	-2.21	0.01	-1.02	-2.11	-0.34	3.80	-2.88	-1.62	2.23	-2.49	-5.53	-2.48	-0.47	-3.10	-12.49	11.58		-8.5416
2222	357	-0.66	-2.25	0.29	0.01	-1.02	-1.58	-0.34	-1.30	0.21	-0.16	0.91	-2.49	-2.04	-1.40	-0.47	-3.83	5.04	2.54		-8.5200
2223	2906	-0.23	-4.65	0.74	5.58	-1.02	2.13	1.09	-4.66	0.64	-0.53	-2.83	0.10	-1.57	-2.38	2.86	0.07	2.54	-6.40		-8.5134
2224	3230	0.68	8.28	-2.09	11.14	-0.68	-1.05	-0.34	-0.06	-3.72	-1.98	0.34	-2.49	-6.48	-2.00	-1.03	-5.69	-7.48	6.12		-8.5076
2225	599	-1.78	5.38	-0.18	5.58	-0.68	0.01	-0.34	-7.49	0.27	-4.16	-1.89	1.30	-1.97	-5.29	-2.14	2.33	0.03	2.50		-8.5028
2226	1847	0.98	-7.23	0.48	0.01	-0.68	2.66	-0.34	-1.44	1.90	1.29	1.53	-2.49	-0.15	-1.02	-1.03	1.37	-2.47	-1.88		-8.4987
2227	2662	0.30	-6.79	2.15	11.14	1.06	0.01	1.56	-5.60	3.12	-0.89	-1.69	1.30	1.22	-3.97	2.86	-1.56	0.03	-12.75		-8.4946
2228	3811	2.59	-9.36	2.82	-11.11	-1.02	5.31	-0.80	-3.55	4.22	1.66	-0.85	0.10	2.45	0.33	-2.14	6.89	2.54	-8.56		-8.4919
2229	4546	-0.24	7.96	-1.90	0.01	0.02	-2.11	-0.34	2.38	-3.46	-0.53	0.02	2.21	-6.17	2.92	-1.03	-3.70	-9.99	5.45		-8.4799
2230	3805	2.63	-15.03	2.32	0.01	0.02	3.19	-0.80	-1.92	3.14	3.84	-1.22	0.10	1.22	1.90	-0.47	0.31	5.04	-12.75		-8.4755
2231	4588	1.04	-14.65	2.49	-5.55	1.75	-1.58	-0.34	4.86	0.90	0.93	0.31	2.21	-1.26	6.10	-1.58	-2.87	5.04	-6.23		-8.4317
2232	3441	-0.45	13.20	-2.79	0.01	-0.68	-2.11	-0.34	4.87	-3.57	-2.34	1.42	-2.49	-6.30	-1.20	-0.47	-3.91	-15.00	13.69		-8.4315
2233	4219	0.81	-6.20	0.93	5.58	0.36	3.19	1.56	-6.58	3.47	-2.34	-2.02	1.30	1.61	-2.01	2.86	2.93	-7.48	-6.40		-8.4281
2234	1074	-1.44	10.41	-3.33	0.01	-1.02	-3.70	1.56	0.65	-5.20	-3.07	1.56	-2.49	-8.13	-4.21	2.86	-6.10	2.54	10.68		-8.4242
2235	3720	1.22	-3.54	1.20	0.01	-1.02	2.66	-0.80	-3.77	0.28	0.93	-1.17	0.10	-1.97	0.36	-1.58	3.69	0.03	-5.04		-8.4166
2236	1796	-0.92	3.40	-0.59	11.14	-0.68	0.54	-0.34	-1.10	-3.11	-0.89	0.76	-2.49	-5.79	-2.30	-1.58	-1.64	-7.48	4.66		-8.3968
2237	2854	-0.47	2.11	-0.90	5.58	-1.72	0.54	1.09	-6.75	-1.43	-1.25	-2.25	0.10	-3.90	-2.70	2.86	-1.31	2.54	-0.51		-8.3691
2238	2180	-0.57	-3.11	-0.23	5.58	-1.37	1.07	-0.80	-5.08	-0.16	1.29	-0.64	0.10	-2.48	-0.34	-0.47	2.86	0.03	-4.03		-8.3517
2239	2742	0.30	-5.80	1.57	11.14	1.06	1.07	1.56	-5.60	2.43	-1.25	-2.50	1.30	0.43	-4.12	2.86	-2.17	0.03	-10.64		-8.3207
2240	3362	-0.15	14.24	-2.21	0.01	-0.68	-2.11	-0.34	5.09	-2.88	-3.07	1.92	-2.49	-5.53	-2.23	-1.03	-3.46	-15.00	11.58		-8.3156
2241	4826	0.05	0.05	1.34	0.01	0.36	-0.52	-0.34	-2.36	2.89	-1.25	-2.30	6.00	0.98	2.18	-1.03	0.67	-9.99	-5.04		-8.2914
2242	4167	0.57	0.56	-0.71	5.58	-0.33	1.60	1.56	-8.67	1.40	-3.07	-1.44	1.30	-0.71	-2.34	2.86	1.55	-7.48	-0.51		-8.2837
2243	4732	-0.94	5.54	-1.82	0.01	0.02	-2.11	-0.34	5.96	-4.58	-0.16	1.98	2.21	-7.44	3.85	-1.58	-0.59	-17.50	9.21		-8.2763
2244	2374	-1.06	14.08	-2.13	0.01	-1.37	-2.64	1.56	-3.84	-2.79	-3.43	0.22	-2.49	-5.42	-3.72	2.86	-4.41	-4.98	11.27		-8.2699
2245	975	0.20	-7.23	0.49	0.01	-0.68	0.54	1.56	-4.25	1.95	-2.34	-0.28	-2.49	-0.08	-3.45	2.86	-3.27	10.05	-1.88		-8.2684
2246	2562	-1.12	9.77	-1.92	0.01	-1.02	-1.58	1.56	1.81	-2.46	-3.07	1.18	-2.49	-5.06	-3.59	2.86	-3.77	-9.99	10.61		-8.2563
2247	1744	-1.16	10.16	-2.23	11.14	-1.37	-1.05	-0.34	-3.19	-5.18	-1.62	1.34	-2.49	-8.12	-2.63	-1.58	-3.02	-7.48	10.54		-8.2525
2248	2943	0.27	-1.83	0.58	-5.55	-2.06	2.13	1.09	-8.60	1.05	-0.53	-0.93	0.10	-1.10	-1.93	1.75	4.38	2.54	0.39		-8.2441
2249	7	-1.15	-10.60	3.84	-11.11	0.36	-1.05	-0.94	-6.75	5.15	4.57	3.38	15.71	-18.84	7.13	-2.69	1.03	12.56	-8.84		-8.2404
2250	480	-1.55	6.18	-3.24	0.01	-0.68	-2.11	-0.34	2.33	-4.63	-0.89	2.36	-2.49	-7.49	-1.99	-0.47	-2.55	0.03	9.27		-8.2330
2251	4624	1.32	-5.22	1.00	-5.55	0.02	-0.52	-0.34	1.02	-0.74	2.75	2.05	2.21	-3.12	5.33	-1.58	0.05	-4.98	-1.92		-8.2299
2252	4345	0.68	-6.04	0.35	5.58	-1.02	1.60	1.09	-4.83	0.16	0.20	-2.19	0.10	-2.11	0.31	3.41	-0.56	0.03	-4.99		-8.2222
2253	1455	0.61	-9.36	2.83	-11.11	-1.37	4.25	1.09	-7.43	4.27	-1.62	-2.66	0.10	2.51	-3.53	1.75	2.45	17.57	-8.56		-8.2095
2254	3952	2.61	-10.41	0.85	5.58	0.71	1.60	1.56	-2.18	1.05	0.20	0.37	-2.49	-1.12	-0.19	3.41	-6.19	2.54	-6.12		-8.2051
2255	1710	-0.53	6.64	-1.12	11.14	-0.68	-1.58	-0.34	-0.10	-2.54	-1.25	0.83	-2.49	-5.14	-3.35	-1.03	-4.29	-4.98	2.61		-8.2048
2256	1449	0.65	-15.03	2.33	0.01	-0.33	2.13	1.09	-5.80	3.19	0.57	-3.03	0.10	1.29	-1.97	3.41	-4.14	20.07	-12.75		-8.1932
2257	738	-0.85	-4.00	0.34	5.58	-1.37	0.54	-0.80	-3.99	0.10	-0.53	-2.50	0.10	-2.17	-2.52	-1.03	-0.14	10.05	-4.99		-8.1855
2258	2260	-0.57	-2.12	-0.81	5.58	-1.37	2.13	-0.80	-5.08	-0.86	0.93	-1.45	0.10	-3.26	-0.49	-0.47	2.25	0.03	-1.92		-8.1779
2259	1735	-0.87	12.53	-1.79	0.01	-1.37	-0.52	-0.34	-2.98	-2.71	-2.34	1.03	-2.49	-5.33	-3.61	-2.14	0.93	-7.48	11.27		-8.1764
2260	1937	-0.53	6.32	-0.93	-5.55	-0.68	-0.52	-0.34	4.51	-0.88	-0.16	1.82	-2.49	-3.27	-1.98	-0.47	-1.69	-7.48	6.15		-8.1638
2261	1923	-0.93	8.22	-1.58	0.01	-1.02	0.54	-0.34	2.68	-2.38	-1.98	1.99	-2.49	-4.97	-3.48	-2.14	1.57	-12.49	10.61		-8.1627
2262	4008	0.28	5.19	-2.65	0.01	-0.33	-1.05	1.56	1.70	-3.88	-0.89	3.17	-2.49	-6.66	-0.20	3.41	-2.51	-9.99	7.16		-8.1537
2263	4680	-1.17	12.30	-3.47	0.01	-0.68	-3.70	-0.34	3.87	-6.65	-0.89	2.56	2.21	-9.77	3.53	-1.58	-1.97	-17.50	15.10		-8.1319
2264	2200	0.02	-5.18	2.17	0.01	-1.02	2.13	-0.80	-3.82	1.46	1.66	-0.69	0.10	-0.64	-1.00	-1.58	5.08	2.54	-8.56		-8.1138
2265	3024	0.44	-3.11	-0.21	5.58	0.36	0.01	-0.94	-6.58	-0.07	1.66	-0.64	-2.81	-2.36	2.44	-1.03	3.12	0.03	-4.03		-8.1123
2266	6126	0.08	7.97	-1.75	-5.55	0.36	-2.64	-0.94													

2270	1540	-0.76	-3.11	-0.21	5.58	0.02	1.07	-0.94	-7.65	0.07	2.02	-0.64	-2.81	-2.37	1.01	-1.03	3.32	2.54	4.03	-8.0508	
2271	536	-1.07	-14.61	3.49	0.01	1.75	-2.11	-0.34	-2.13	3.05	-0.53	-0.62	1.30	1.17	-0.89	-1.58	2.86	15.06	-12.87	-8.0499	
2272	4187	1.16	-1.51	1.69	0.01	0.02	2.66	1.56	-7.40	3.02	-2.71	-1.49	1.30	1.12	-3.00	1.75	3.78	-4.98	-5.04	-8.0458	
2273	2053	-0.65	-11.42	2.82	0.01	1.40	-0.52	-0.34	-1.21	4.48	-0.53	-1.91	1.30	2.77	-0.37	-0.47	0.88	5.04	-9.35	-8.0448	
2274	4289	-0.09	4.24	0.03	-5.55	-1.37	-0.52	1.09	-5.35	0.67	-1.25	-1.57	0.10	-1.52	-0.06	3.41	1.04	-2.47	1.12	-8.0425	
2275	1025	-2.27	12.55	-2.40	-11.11	-1.02	-3.70	1.56	0.99	-3.10	-2.71	2.23	-2.49	-5.77	-2.99	3.41	-3.56	0.03	12.31	-8.0338	
2276	1790	-0.53	7.63	-1.70	11.14	-0.68	-0.52	-0.34	-0.10	-3.24	-1.62	0.02	-2.49	-5.93	-3.50	-1.03	-4.90	-4.98	4.72	-8.0310	
2277	4181	1.20	-7.18	1.18	11.14	1.06	0.54	1.56	-5.77	1.95	-0.53	-1.86	1.30	-0.11	-1.43	3.41	-2.81	-2.47	-9.24	-8.0295	
2278	4413	1.83	-19.27	3.97	-11.11	0.71	2.13	1.09	-0.80	5.78	-0.16	-3.09	0.10	4.23	2.17	3.41	-1.22	15.06	-12.87	-8.0193	
2279	2515	-0.63	7.56	-2.21	-11.11	-0.68	0.54	1.56	0.85	-1.42	-1.25	2.85	-2.49	-3.88	-2.61	2.86	1.64	-7.48	7.89	-8.0125	
2280	682	-1.62	6.28	0.02	-5.55	-1.72	-1.58	-0.80	-4.50	0.61	-1.98	-1.89	0.10	-1.58	-2.89	-1.03	1.45	7.55	1.12	-8.0058	
2281	1157	-2.27	3.91	0.06	5.58	-0.68	-3.17	1.56	-8.57	0.89	-3.80	-1.57	1.30	0.89	-4.08	3.41	-2.25	2.54	0.39	-8.0022	
2282	500	-0.96	4.12	-0.84	-5.55	-0.33	-1.05	-0.34	-5.55	3.59	-3.00	-0.53	2.31	-2.49	-5.66	-2.65	-1.58	-0.32	2.54	4.74	-7.9951
2283	574	-0.32	-5.15	1.17	11.14	0.71	-0.52	-0.34	-4.92	1.89	-1.25	-2.17	1.30	-0.17	-4.26	-1.03	-2.39	7.55	-9.24	-7.9928	
2284	806	0.30	-17.24	3.96	-11.11	0.36	1.07	-0.80	0.05	5.72	-0.89	-3.40	0.10	4.17	-0.66	-1.03	-0.80	25.08	-12.87	-7.9826	
2285	2647	-0.63	-1.08	0.25	5.58	-0.33	1.07	1.56	-8.72	2.58	-2.34	-0.95	1.30	0.62	-3.69	2.86	2.95	-4.98	-4.03	-7.9809	
2286	349	-0.90	3.87	-0.96	0.01	-1.37	-3.70	-0.34	-2.37	-1.36	-0.89	1.17	-2.49	-3.81	-1.80	-0.47	-4.62	5.04	7.03	-7.9538	
2287	2280	0.02	-4.19	1.59	0.01	-1.02	3.19	-0.80	-3.82	0.77	1.29	-1.50	0.10	-1.43	-1.15	-1.58	4.47	2.54	-6.45	-7.9399	
2288	3104	0.44	-2.12	-0.78	5.58	0.36	1.07	-0.94	-6.58	-0.76	1.29	-1.45	-2.81	-3.14	2.29	-1.03	2.51	0.03	-1.92	-7.9385	
2289	3422	0.97	8.35	-0.93	-5.55	-0.33	-0.52	-0.34	5.80	-0.88	-1.62	1.51	-2.49	-3.27	-1.73	-1.03	-2.04	-9.99	6.15	-7.9379	
2290	1839	0.74	-1.12	-0.77	0.01	-1.02	0.54	-0.34	-2.51	0.32	0.57	1.79	-2.49	-1.92	-1.42	-1.03	0.58	-2.47	2.61	-7.9326	
2291	2825	-0.53	-7.67	1.32	5.58	-1.02	1.07	1.09	-4.88	1.34	0.93	-1.70	0.10	-0.78	-1.05	3.41	0.84	2.54	-8.51	-7.9194	
2292	4028	0.87	3.13	-0.25	-5.55	0.02	0.01	1.56	2.96	-2.25	-0.53	3.12	-2.49	-4.83	-0.86	2.30	-0.28	-7.48	2.63	-7.9158	
2293	4726	-0.54	9.76	-2.94	0.01	0.02	-3.17	-0.34	6.96	-4.71	-0.89	1.23	2.21	-7.58	2.66	-1.03	-3.85	-15.00	9.27	-7.9104	
2294	4079	0.57	8.55	-2.79	-11.11	-0.33	0.54	1.56	1.92	-2.11	-1.98	2.04	1.92	-2.49	-4.66	-1.32	2.86	0.84	-9.99	10.00	-7.9025
2295	4465	-0.54	4.94	-1.32	0.01	0.02	-3.17	-0.34	2.16	-2.76	0.93	1.14	2.21	-5.38	4.26	-0.47	-2.94	-9.99	3.33	-7.8858	
2296	98	-1.04	-4.00	0.36	5.58	0.02	0.54	-0.94	-6.55	0.19	0.20	-2.50	-2.81	-2.07	-1.18	-1.58	0.33	12.56	-4.99	-7.8845	
2297	3281	0.62	-0.51	-0.45	11.14	0.02	0.54	-0.34	1.82	-1.65	-0.16	0.08	-2.49	-4.14	-0.49	-0.47	-4.16	-7.48	0.24	-7.8841	
2298	1620	-0.76	-2.12	-0.79	5.58	0.02	2.13	-0.94	-7.65	-0.76	1.66	-1.45	-2.81	-3.15	0.86	-1.03	2.72	2.54	-1.92	-7.8769	
2299	616	-1.07	-13.62	2.91	0.01	1.75	-1.05	-0.34	-2.13	2.36	-0.89	-1.43	1.30	0.38	-1.04	-1.58	2.25	15.06	-10.75	-7.8760	
2300	6133	0.02	-0.17	-0.49	-5.55	0.71	-0.52	-0.94	6.21	0.34	2.75	-1.68	2.65	-1.90	3.88	-1.03	-2.25	-12.49	2.57	-7.8759	
2301	3044	1.03	-5.18	2.19	0.01	0.71	1.07	-0.94	-5.31	1.56	2.02	-0.69	-2.81	-0.53	1.78	-2.14	5.35	2.54	-8.56	-7.8744	
2302	4653	-0.60	0.63	-1.11	0.01	0.36	-2.11	-0.34	7.81	-2.43	1.29	2.10	2.21	-5.02	4.39	-0.47	-2.30	-15.00	2.68	-7.8735	
2303	4369	-0.09	5.23	-0.55	-5.55	-1.37	0.54	1.09	-5.35	-0.02	-1.62	-2.38	0.10	-2.31	-0.21	3.41	0.43	-2.47	3.23	-7.8687	
2304	5814	0.99	2.56	-1.67	0.01	0.71	-1.05	-0.94	11.87	-3.04	1.66	-1.09	-1.14	-5.70	2.17	-1.58	-8.92	-7.48	4.79	-7.8445	
2305	1328	-1.19	-2.78	-0.42	-5.55	-1.37	-0.52	1.09	-7.89	-0.38	0.20	-0.64	0.10	-2.72	-0.85	3.41	2.40	12.56	-3.30	-7.8439	
2306	762	-1.62	7.26	-0.56	-5.55	-1.72	-0.52	-0.80	-4.50	-0.08	-2.34	-2.70	0.10	-2.37	-3.04	-1.03	0.84	7.55	3.23	-7.8320	
2307	1237	-2.27	4.90	-0.51	5.58	-0.68	-2.11	1.56	-8.57	0.20	-4.16	-2.38	1.30	-2.05	-4.22	3.41	-2.86	2.54	2.50	-7.8284	
2308	3538	0.85	-9.39	2.82	0.01	1.75	-0.52	-0.34	0.07	4.48	-1.98	-2.23	1.30	2.77	-0.12	-1.03	0.53	2.54	-9.35	-7.8189	
2309	4449	2.10	-9.84	2.48	-11.11	-1.02	3.19	1.09	-4.64	4.14	1.66	-1.35	0.10	2.37	1.40	3.41	1.70	5.04	-8.56	-7.8175	
2310	4435	1.71	-7.94	1.83	-5.55	-1.37	4.25	1.09	-6.47	2.64	-0.16	-1.18	0.10	0.67	-0.10	1.75	4.97	0.03	-4.09	-7.8164	
2311	1560	-0.17	-5.18	2.19	0.01	0.36	2.13	-0.94	-6.38	1.56	2.38	-0.69	-2.81	-0.54	0.35	-2.14	5.55	5.04	-8.56	-7.8128	
2312	2727	-0.63	-0.09	-0.32	5.58	-0.33	2.13	1.56	-8.72	1.88	-2.71	-1.76	1.30	-0.17	-3.84	2.86	2.34	-4.98	-1.92	-7.8071	
2313	1125	-1.50	1.62	-1.69	0.01	-0.33	-2.11	1.56	2.53	-3.12	-1.25	1.29	-2.49	-5.80	-2.70	3.41	-4.57	2.54	4.79	-7.8006	
2314	531	-1.01	-7.19	1.49	5.58	0.02	1.07	-0.34	-5.95	4.11	-1.62	-1.21	1.30	2.35	-3.51	-1.03	4.11	2.54	-8.51	-7.7973	
2315	842	0.57	-7.80	2.47	-11.11	-1.37	2.13	-0.80	-3.79	4.08	0.93	-1.66	0.10	2.31	-1.43	-1.03	2.12	15.06	-8.56	-7.7808	
2316	3336	2.12	-14.65	2.48	-5.55	1.40	-0.52	-0.34	3.45	0.85	2.02	2.12	-2.49	-1.33	3.03	-1.58	-0.08	7.55	-6.23	-7.7574	
2317	2905	-0.53	-6.68	0.74	5.58	-1.02	2.13	1.09	-4.88	0.65	0.57	-2.51	0.10	-1.56	-1.20	3.41	0.23	2.54	-6.40	-7.7455	
2318	2667	-0.04	-3.14	2.65	0.01	0.02	2.13	1.56	-7.45	4.20	-1.98	-1.00	1.30	2.45	-4.35	1.75	5.17	-2.47	-8.56	-7.7430	
2319	4344	0.34	-2.12	0.22	5.58	-1.37	1.60	1.09	-6.68	-1.30	-0.89	-1.50	0.10	-3.75	-0.08	2.30	1.76	-2.47	-0.57	-7.7411	
2320	3229	0.38	6.24	-2.09	11.14	-0.68	-1.05	-0.34	-0.27	-3.72	-0.89	0.66	-2.49	-6.47	-0.81	-0.47	-5.54	-7.48	6.12	-7.7397	
2321	2661	0.00	-8.82	2.15	11.14	1.06	0.01	1.56	-5.82	3.13	0.20	-1.37	1.30	1.22	-2.78	3.41	-1.41	0.03	-12.75	-7.7267	
2322	4545	-0.54	5.93	-1.89	0.01	0.02	-2.11	-0.34	2.16	-3.45	0.57	0.33	2.21	-6.16	4.11	-0.47	-3.55	-9.99	5.45	-7.7120	
2323	42	-1.81	6.28	0.04	-5.55	-0.33	-1.58	-0.94	-7.07	0.71	-1.25	-1.89	-2.81	-1.48	-1.54	-1.58	1.92	10.05	1.12	-7.7049	
2324	3124	1.03	-4.19	1.62	0.01	0.71	2.13	-0.94	-5.31	0.87	1.66	-1.50	-2.81	-1.31	1.63	-2.14	4.74	2.54	-6.45	-7.7005	
2325	858	-1.15	6.98	-1.32	0.01	-0.68	-3.17	1.56	-2.91	-2.76	-2.34	0.83	-2.49	-5.39	-3.86	2.86	-4.75	7.55	3.33	-7.6970	
2326	4310	0.97	-5.64	1.32	5.58	-0.68	1.07	1.09	-3.59	1.34	-0.53	-2.02	0.10	-0.78	-0.80	2.86	0.48	0.03	-8.51	-7.6934	
2327	1046	-1.21	2.66	-1.11	0.01	-0.33	-2.11	1.56	2.75	-2.44	-1.98	1.79	-2.49	-5.02	-3.73	2.86	-4.11	2.54	2.68	-7.6847	
2328	166	0.11	-17.24	3.98	-11.11	1.75	1.07	-0.94	-2.52	5.82	-0.16	-3.40	-2.81	4.27	0.69	-1.58	-0.33	27.58	-12.87	-7.6816	
2329	1408	-1.19	-1.79	-1.00	-5.55	-1.37	0.54	1.09	-7.89	-1.08	-0.16	-1.45	0.10	-3.50	-1.00	3.41	1.79	12.56	-1.19	-7.6701	
2330	1073	-1.74	8.38	-3.33	0.01	-1.02	-3.70	1.56	0.44	-5.19	-1.98	1.87	-2.49	-8.13	-3.03	3.41	-5.95	2.54	10.68	-7.6563	
2331	1640	-0.17	-4.19	1.62	0.01	0.36	3.19	-0.94	-6.38	0.86	2.02	-1.50	-2.81	-1.32	0.20	-2.14	4.94	5.04	-6.45	-7.6390	
2332	611	-1.01	-6.20	0.91	5.58	0.02	2.13	-0.34	-5.95	3.41	-1.98	-2.02	1.30	1.56	-3.66	-1.0					

2335	2747	-0.04	-2.16	2.08	0.01	0.02	3.19	1.56	-7.45	3.51	-2.34	-1.81	1.30	1.67	-4.50	1.75	4.56	-2.47	6.45	-7.5692
2336	2741	0.00	-7.83	1.57	11.14	1.06	1.07	1.56	-5.82	2.44	-0.16	-2.18	1.30	0.44	-2.93	3.41	-2.02	0.03	-10.64	-7.5528
2337	3361	-0.45	12.21	-2.21	0.01	-0.68	-2.11	-0.34	4.87	-2.88	-1.98	2.23	-2.49	-5.52	-1.05	-0.47	-3.30	-15.00	11.58	-7.5477
2338	122	-1.81	7.26	-0.54	-5.55	-0.33	-0.52	-0.94	-7.07	0.01	-1.62	-2.70	-2.81	-2.26	-1.69	-1.58	1.31	10.05	3.23	-7.5311
2339	4825	-0.25	-1.99	1.34	0.01	0.36	-0.52	-0.34	-2.57	2.90	-0.16	-1.98	6.00	0.99	3.36	-0.47	0.82	-9.99	-5.04	-7.5235
2340	938	-1.15	7.96	-1.90	0.01	-0.68	-2.11	1.56	-2.91	-3.46	-2.71	0.02	-2.49	-6.17	-4.01	2.86	-5.36	7.55	5.45	-7.5232
2341	4811	-0.64	-0.09	0.69	5.58	0.02	0.54	-0.34	-4.40	1.39	-1.98	-1.82	6.00	-0.71	1.86	-2.14	4.08	-15.00	-0.57	-7.5225
2342	4390	0.97	-4.65	0.74	5.58	-0.68	2.13	1.09	-3.59	0.65	-0.89	-2.83	0.10	-1.57	-0.95	2.86	-0.13	0.03	-6.40	-7.5196
2343	2018	-0.35	-11.03	3.78	0.01	1.75	-1.05	-0.34	0.02	5.66	-1.25	-1.74	1.30	4.10	-1.47	-1.03	1.93	5.04	-12.87	-7.5161
2344	3331	2.18	-7.23	0.48	0.01	-0.33	2.66	-0.34	-0.37	1.90	0.93	1.53	-2.49	-0.15	0.41	-1.03	1.17	-4.98	-1.88	-7.5048
2345	2373	-1.35	12.05	-2.13	0.01	-1.37	-2.64	1.56	-4.06	-2.78	-2.34	0.53	-2.49	-5.41	-2.54	3.41	-4.26	-4.98	11.27	-7.5020
2346	4146	1.50	-6.79	2.15	11.14	1.40	0.01	1.56	-4.53	3.13	-1.25	-1.69	1.30	1.22	-2.54	2.86	-1.77	-2.47	-12.75	-7.5007
2347	5066	0.36	-0.27	0.23	-5.55	-1.37	-1.05	-0.80	-2.49	0.93	0.57	-1.74	4.80	-1.23	4.68	-1.03	1.06	-4.98	0.39	-7.4959
2348	2561	-1.41	7.74	-1.92	0.01	-1.02	-1.58	1.56	1.60	-2.46	-1.98	1.49	-2.49	-5.05	-2.41	3.41	-3.62	-9.99	10.61	-7.4884
2349	202	0.38	-7.80	2.49	-11.11	0.02	2.13	-0.94	-6.36	4.18	1.66	-1.66	-2.81	2.42	-0.09	-1.58	2.59	17.57	-8.56	-7.4799
2350	559	-1.25	0.56	-0.73	5.58	-0.68	0.54	-0.34	-8.04	1.35	-2.71	-1.44	1.30	-0.77	-3.98	-1.03	2.12	2.54	-0.51	-7.4792
2351	980	0.14	-14.65	2.49	-5.55	1.06	-1.58	1.56	-0.43	0.90	-1.25	0.31	-2.49	-1.26	-0.83	2.30	-4.53	22.57	-6.23	-7.4750
2352	1982	-0.23	7.70	-0.54	-5.55	-0.33	0.01	-0.34	5.75	-0.39	-1.25	1.18	-2.49	-2.72	-3.23	-1.03	-1.26	-7.48	4.74	-7.4613
2353	2824	-0.87	-3.76	1.18	5.58	-1.37	1.07	1.09	-6.73	-0.12	-0.16	-1.02	0.10	-2.42	-1.43	2.30	3.15	0.03	-4.09	-7.4383
2354	1709	-0.82	4.61	-1.12	11.14	-0.68	-1.58	-0.34	-0.32	-2.54	-0.16	1.14	-2.49	-5.14	-2.17	-0.47	-4.14	-4.98	2.61	-7.4369
2355	737	-1.15	-6.04	0.34	5.58	-1.37	0.54	-0.80	-4.21	0.11	0.57	-2.19	0.10	-2.16	-1.34	-0.47	0.01	10.05	-4.99	-7.4176
2356	4464	-0.88	8.86	-1.45	0.01	-0.33	-3.17	-0.34	0.31	-4.21	-0.16	1.83	2.21	-7.02	3.87	-1.58	-0.62	-12.49	7.75	-7.4048
2357	3280	0.28	3.40	-0.59	11.14	-0.33	0.54	-0.34	-0.03	-3.10	-1.25	0.76	-2.49	-5.78	-0.87	-1.58	-1.84	-9.99	4.66	-7.4030
2358	344	0.79	-10.41	0.84	5.58	0.36	0.54	-0.34	-1.55	1.00	0.57	0.37	-2.49	-1.17	-1.84	-0.47	-5.62	12.56	-6.12	-7.4005
2359	1854	1.67	-6.83	1.13	5.58	0.36	0.54	-0.34	0.61	0.87	2.02	1.05	-2.49	-1.33	-1.69	-1.03	-3.94	2.54	-6.12	-7.3975
2360	4652	-0.94	4.55	-1.25	0.01	0.02	-2.11	-0.34	5.96	-3.89	0.20	2.79	2.21	-6.66	4.00	-1.58	0.02	-17.50	7.10	-7.3924
2361	4338	0.73	2.11	-0.90	5.58	-1.37	0.54	1.09	-5.68	-1.42	-1.62	-2.25	0.10	-3.89	-1.27	2.86	-1.51	0.03	-0.51	-7.3753
2362	1756	-0.39	-1.42	-1.13	11.14	-0.68	1.07	-0.34	-1.66	-2.04	0.57	1.21	-2.49	-4.58	-0.99	-0.47	-1.84	-4.98	1.64	-7.3732
2363	3664	0.63	-3.11	-0.23	5.58	-1.02	1.07	-0.80	-4.01	-0.16	0.93	-0.64	0.10	-2.47	1.09	-0.47	2.65	-2.47	-4.03	-7.3579
2364	400	-1.55	5.19	-2.66	0.01	-0.68	-2.11	-0.34	2.33	-3.93	-0.53	3.17	-2.49	-6.71	-1.84	-0.47	-1.94	0.03	7.16	-7.3491
2365	2098	-0.35	-10.04	3.21	0.01	1.75	0.01	-0.34	0.02	4.97	-1.62	-2.55	1.30	3.32	-1.62	-1.03	1.32	5.04	-10.75	-7.3422
2366	1218	-0.85	0.05	1.34	0.01	-0.33	-0.52	1.56	-7.64	2.89	-3.43	-2.30	1.30	0.98	-4.76	2.86	-0.99	7.55	-5.04	-7.3348
2367	4226	1.50	-5.80	1.57	11.14	1.40	1.07	1.56	-4.53	2.44	-1.62	-2.50	1.30	0.44	-2.68	2.86	-2.38	-2.47	-10.64	-7.3269
2368	1124	-1.84	5.54	-1.82	0.01	-0.68	-2.11	1.56	0.68	-4.58	-2.34	1.98	-2.49	-7.44	-3.08	2.30	-2.25	0.03	9.21	-7.3196
2369	6125	-0.21	5.94	-1.74	-5.55	0.36	-2.64	-0.94	5.14	-1.24	2.02	-1.42	2.65	-3.66	3.48	-1.03	-3.03	-12.49	7.05	-7.3097
2370	5073	0.30	-8.42	1.48	-5.55	-1.02	1.07	-0.80	-1.64	2.51	2.38	-1.68	4.80	0.54	6.26	-0.47	2.01	-4.98	-4.09	-7.2942
2371	3858	0.15	14.08	-2.13	0.01	-1.02	-2.64	1.56	-2.77	-2.78	-3.80	0.22	-2.49	-5.41	-2.29	2.86	-4.61	-7.48	11.27	-7.2761
2372	1016	0.41	-5.22	1.00	-5.55	-0.68	-0.52	1.56	-4.27	-0.74	0.57	2.05	-2.49	-3.12	-1.61	2.30	-1.61	12.56	-1.92	-7.2732
2373	4504	-0.35	5.03	-2.58	0.01	-0.33	-2.64	-0.34	-0.25	-3.83	0.93	1.47	2.21	-6.60	5.03	-0.47	-1.43	-9.99	6.85	-7.2663
2374	2904	-0.87	-2.77	0.61	5.58	-1.37	2.13	1.09	-6.73	-0.81	-0.53	-1.83	0.10	-3.21	-1.58	2.30	2.55	0.03	-1.98	-7.2645
2375	1789	-0.82	5.60	-1.70	11.14	-0.68	-0.52	-0.34	-0.32	-3.23	-0.53	0.33	-2.49	-5.92	-2.32	-0.47	-4.75	-4.98	4.72	-7.2631
2376	4046	0.09	9.77	-1.92	0.01	-0.68	-1.58	1.56	2.88	-2.46	-3.43	1.18	-2.49	-5.05	-2.16	2.86	-3.97	-12.49	10.61	-7.2624
2377	3228	0.04	10.16	-2.23	11.14	-1.02	-1.05	-0.34	-2.12	-5.17	-1.98	1.34	-2.49	-8.11	-1.20	-1.58	-3.22	-9.99	10.54	-7.2586
2378	4692	-0.41	0.72	-2.37	0.01	0.02	-1.58	-0.34	5.41	-3.51	1.29	2.43	2.21	-6.23	5.16	-0.47	-0.79	-15.00	6.19	-7.2526
2379	4427	1.47	-1.83	0.58	-5.55	-1.72	2.13	1.09	-7.54	1.06	-0.89	-0.93	0.10	-1.10	-0.50	1.75	4.18	0.03	0.39	-7.2503
2380	579	-0.66	-1.51	1.67	0.01	-0.33	1.60	-0.34	-6.78	2.97	-2.34	-1.49	1.30	1.07	-4.64	-2.14	4.35	5.04	-5.04	-7.2412
2381	681	-1.92	4.24	0.02	-5.55	-1.72	-1.58	-0.80	-4.72	0.62	-0.89	-1.57	0.10	-1.58	-1.70	-0.47	1.61	7.55	1.12	-7.2379
2382	4544	-0.88	9.85	-2.03	0.01	-0.33	-2.11	-0.34	0.31	-4.90	-0.53	1.02	2.21	-7.80	3.72	-1.58	-1.23	-12.49	9.87	-7.2309
2383	573	-0.62	-7.18	1.17	11.14	0.71	-0.52	-0.34	-5.14	1.90	-0.16	-1.86	1.30	-0.16	-3.08	-0.47	-2.24	7.55	-9.24	-7.2249
2384	2171	-0.28	-0.74	0.21	-5.55	-1.37	2.66	-0.80	-4.86	2.31	0.57	-0.95	0.10	0.31	-1.32	-1.03	6.81	0.03	-3.30	-7.2166
2385	805	0.00	-19.27	3.96	-11.11	0.36	1.07	-0.80	-0.17	5.73	0.20	-3.09	0.10	4.17	0.53	-0.47	-0.65	25.08	-12.87	-7.2147
2386	3194	0.68	6.64	-1.12	11.14	-0.33	-1.58	-0.34	0.97	-2.54	-1.62	0.83	-2.49	-5.14	-1.92	-1.03	-4.50	-7.48	2.61	-7.2110
2387	3744	0.63	-2.12	-0.81	5.58	-1.02	2.13	-0.80	-4.01	-0.85	0.57	-1.45	0.10	-3.25	0.94	-0.47	2.04	-2.47	-1.92	-7.1840
2388	3219	0.34	12.53	-1.79	0.01	-1.02	-0.52	-0.34	-1.91	-2.70	-2.71	1.03	-2.49	-5.33	-2.17	-2.14	0.73	-9.99	11.27	-7.1826
2389	1072	-2.08	12.30	-3.47	0.01	-1.37	-3.70	1.56	-1.41	-6.65	-3.07	2.56	-2.49	-9.77	-3.41	2.30	-3.63	0.03	15.10	-7.1752
2390	3421	0.67	6.32	-0.93	-5.55	-0.33	-0.52	-0.34	5.58	-0.87	-0.53	1.82	-2.49	-3.26	-0.55	-0.47	-1.89	-9.99	6.15	-7.1700
2391	3407	0.28	8.22	-1.58	0.01	-0.68	0.54	-0.34	3.75	-2.38	-2.34	1.99	-2.49	-4.97	-2.04	-2.14	1.37	-15.00	10.61	-7.1689
2392	4725	-0.84	7.73	-2.94	0.01	0.02	-3.17	-0.34	6.75	-4.70	0.20	1.55	2.21	-7.57	3.84	-0.47	-3.70	-15.00	9.27	-7.1425
2393	2852	-1.10	3.99	-1.03	5.58	-2.06	0.54	1.09	-8.82	-2.88	-1.25	-1.25	0.10	-5.53	-1.90	2.30	1.17	0.03	3.91	-7.1201
2394	3684	1.22	-5.18	2.17	0.01	-0.68	2.13	-0.80	-2.75	1.47	1.29	-0.69	0.10	-0.64	0.43	-1.58	4.88	0.03	-8.56	-7.1200
2395	97	-1.34	-6.04	0.36	5.58	0.02	0.54	-0.94	-6.77	0.20	1.29	-2.19	-2.81	-2.06	0.01	-1.03	0.48	12.56	-4.99	-7.1166
2396	420	-0.96	3.13	-0.26	-5.55	-0.33	-1.05	-0.34	3.59	-2.31	-0.16	3.12	-2.49	-4.88	-2.50	-1.58	0.29	2.54	2.63	-7.1112
2397	1466	-0.31	-6.38	1.48	-5.55	-1.72	1.07	1.09	-6.71	2.50	-0.89	-1.99	0.10	0.53	-1.86	2.86				

2400	4590	1.79	-6.83	1.14	5.58	1.06	-0.52	-0.34	3.09	0.92	0.57	-0.76	2.21	-1.26	2.81	-1.03	-6.93	-2.47	6.12	-7.0779
2401	5813	0.69	0.53	-1.67	0.01	0.71	-1.05	-0.94	11.65	-3.03	2.75	-0.77	-1.14	-5.69	3.35	-1.03	-8.77	-7.48	4.79	-7.0766
2402	2818	-0.47	0.47	0.07	5.58	-1.37	0.01	1.09	-5.73	-0.24	-0.89	-1.76	0.10	-2.56	-2.63	2.86	-0.11	2.54	-4.03	-7.0725
2403	761	-1.92	5.23	-0.56	-5.55	-1.72	-0.52	-0.80	-4.72	-0.07	-1.25	-2.38	0.10	-2.36	-1.85	-0.47	1.00	7.55	3.23	-7.0641
2404	3537	0.56	-11.42	2.82	0.01	1.75	-0.52	-0.34	-0.15	4.49	-0.89	-1.91	1.30	2.78	1.07	-0.47	0.68	2.54	-9.35	-7.0510
2405	2843	-0.81	6.36	-0.60	-5.55	-2.06	1.07	1.09	-8.60	-0.41	-1.98	-1.56	0.10	-2.75	-2.88	1.75	5.12	0.03	4.64	-7.0440
2406	2251	-0.28	0.24	-0.37	-5.55	-1.37	3.72	-0.80	-4.86	1.61	0.20	-1.76	0.10	-0.48	-1.47	-1.03	6.20	0.03	-1.19	-7.0428
2407	3274	0.68	7.63	-1.70	11.14	-0.33	-0.52	-0.34	0.97	-3.23	-1.98	0.02	-2.49	-5.92	-2.07	-1.03	-5.11	-7.48	4.72	-7.0371
2408	4646	-0.54	8.77	-2.36	0.01	0.02	-3.17	-0.34	6.96	-4.01	-0.53	2.04	2.21	-6.80	2.81	-1.03	-3.25	-15.00	7.16	-7.0266
2409	3999	0.57	7.56	-2.21	-11.11	-0.33	0.54	1.56	1.92	-1.41	-1.62	2.85	-2.49	-3.88	-1.18	2.86	1.44	-9.99	7.89	-7.0187
2410	841	0.28	-9.84	2.47	-11.11	-1.37	2.13	-0.80	-4.01	4.09	2.02	-1.35	0.10	2.32	-0.25	-0.47	2.27	15.06	-8.56	-7.0129
2411	827	-0.12	-7.94	1.82	-5.55	-1.72	3.19	-0.80	-5.84	2.59	0.20	-1.18	0.10	0.62	-1.75	-2.14	5.54	10.05	-4.09	-7.0118
2412	4790	0.05	-1.59	2.31	0.01	0.71	-1.05	-0.34	-1.34	4.08	-0.89	-1.81	6.00	2.32	2.26	-1.03	1.86	-9.99	-8.56	-6.9948
2413	4131	0.57	-1.08	0.25	5.58	0.02	1.07	1.56	-7.65	2.58	-2.71	-0.95	1.30	0.62	-2.26	2.86	2.75	-7.48	-4.03	-6.9871
2414	3015	0.74	-0.74	0.23	-5.55	0.36	1.60	-0.94	-6.36	2.40	0.93	-0.95	-2.81	0.42	1.46	-1.58	7.07	0.03	-3.30	-6.9772
2415	1708	-1.16	8.52	-1.26	11.14	-1.02	-1.58	-0.34	-2.17	-3.99	-1.25	1.83	-2.49	-6.78	-2.55	-1.58	-1.82	-7.48	7.03	-6.9558
2416	1118	-1.44	9.76	-2.94	0.01	-0.68	-3.17	1.56	1.68	-4.71	-3.07	1.23	-2.49	-7.58	-4.28	2.86	-5.51	2.54	9.27	-6.9537
2417	3764	1.22	-4.19	1.60	0.01	-0.68	3.19	-0.80	-2.75	0.78	0.93	-1.50	0.10	-1.42	0.28	-1.58	4.27	0.03	-6.45	-6.9461
2418	2462	0.86	-11.07	2.78	-5.55	1.06	-0.52	1.56	1.73	3.51	-1.98	-0.81	-2.49	1.67	-1.41	2.86	-5.46	12.56	-6.23	-6.9412
2419	3323	1.94	-1.12	-0.77	0.01	-0.68	0.54	-0.34	-1.44	0.33	0.20	1.79	-2.49	-1.92	0.02	-1.03	0.38	-4.98	2.61	-6.9387
2420	41	-2.11	4.24	0.04	-5.55	-0.33	-1.58	-0.94	-7.28	0.71	-0.16	-1.57	-2.81	-1.47	-0.36	-1.03	2.07	10.05	1.12	-6.9370
2421	736	-1.49	-2.12	0.21	5.58	-1.72	0.54	-0.80	-6.06	-1.35	-0.53	-1.50	0.10	-3.80	-1.72	-1.58	2.33	7.55	-0.57	-6.9365
2422	857	-1.44	4.94	-1.32	0.01	-0.68	-3.17	1.56	-3.13	-2.76	-1.25	1.14	-2.49	-5.38	-2.68	3.41	-4.60	7.55	3.33	-6.9291
2423	4309	0.68	-7.67	1.32	5.58	-0.68	1.07	1.09	-3.81	1.35	0.57	-1.70	0.10	-0.77	0.38	3.41	0.63	0.03	-8.51	-6.9255
2424	1045	-1.50	0.63	-1.11	0.01	-0.33	-2.11	1.56	2.53	-2.43	-0.89	2.10	-2.49	-5.02	-2.55	3.41	-3.96	2.54	2.68	-6.9168
2425	1531	-0.47	-0.74	0.23	-5.55	0.02	2.66	-0.94	-7.43	2.40	1.29	-0.95	-2.81	0.41	0.03	-1.58	7.28	2.54	-3.30	-6.9157
2426	165	-0.19	-19.27	3.98	-11.11	1.75	1.07	-0.94	-2.73	5.82	0.93	-3.09	-2.81	4.28	1.87	-1.03	-0.18	27.58	-12.87	-6.9137
2427	2898	-0.47	1.46	-0.51	5.58	-1.37	1.07	1.09	-5.73	-0.94	-1.25	-2.57	0.10	-3.35	-2.78	2.86	-0.72	2.54	-1.92	-6.8986
2428	702	-0.85	-5.64	1.31	5.58	-1.02	0.01	-0.80	-2.97	1.29	-0.16	-2.02	0.10	-0.83	-2.45	-1.03	1.05	10.05	-8.51	-6.8889
2429	6026	-0.99	16.16	-2.92	-5.55	0.36	-3.70	-0.94	5.36	-2.71	-0.53	-2.37	2.65	-5.32	1.34	-1.58	-2.45	-15.00	11.30	-6.8775
2430	1823	1.05	-12.62	3.12	-5.55	1.06	1.60	-0.34	2.60	3.59	-0.89	0.00	-2.49	1.76	-1.30	-2.14	-0.12	10.05	-6.23	-6.8477
2431	4870	0.05	-0.60	1.73	0.01	0.71	0.01	-0.34	-1.34	3.38	-1.25	-2.62	6.00	1.54	2.11	-1.03	1.25	-9.99	-6.45	-6.8210
2432	4211	0.57	-0.09	-0.32	5.58	0.02	2.13	1.56	-7.65	1.89	-3.07	-1.76	1.30	-0.16	-2.41	2.86	2.14	-7.48	-1.92	-6.8133
2433	3095	0.74	0.24	-0.35	-5.55	0.36	2.66	-0.94	-6.36	1.71	0.57	-1.76	-2.81	-0.36	1.31	-1.58	6.46	0.03	-1.19	-6.8034
2434	2606	-1.12	9.12	-1.53	0.01	-0.68	-1.05	1.56	2.83	-1.97	-3.07	0.85	-2.49	-4.50	-3.66	2.86	-3.18	-9.99	9.21	-6.7858
2435	1788	-1.16	9.51	-1.84	11.14	-1.02	-0.52	-0.34	-2.17	-4.68	-1.62	1.02	-2.49	-7.56	-2.70	-1.58	-2.43	-7.48	9.14	-6.7820
2436	121	-2.11	5.23	-0.54	-5.55	-0.33	-0.52	-0.94	-7.28	0.02	-0.53	-2.38	-2.81	-2.26	-0.51	-1.03	1.47	10.05	3.23	-6.7631
2437	6120	1.47	-8.34	0.06	0.01	2.10	1.60	-0.94	5.96	1.13	3.48	-2.22	2.65	-1.03	3.44	-1.03	-4.03	-4.98	-6.09	-6.7564
2438	937	-1.44	5.93	-1.89	0.01	-0.68	-2.11	1.56	-3.13	-3.45	-1.62	0.33	-2.49	-6.16	-2.83	3.41	-5.21	7.55	5.45	-6.7553
2439	4389	0.68	-6.68	0.74	5.58	-0.68	2.13	1.09	-3.81	0.65	0.20	-2.51	0.10	-1.56	0.24	3.41	0.03	0.03	-6.40	-6.7517
2440	4151	1.16	-3.14	2.66	0.01	0.36	2.13	1.56	-6.38	4.21	-2.34	-1.00	1.30	2.46	-2.92	1.75	4.97	-4.98	-8.56	-6.7492
2441	2017	-0.65	-13.06	3.78	0.01	1.75	-1.05	-0.34	-0.19	5.67	-0.16	-1.43	1.30	4.11	-0.29	-0.47	2.08	5.04	-12.87	-6.7482
2442	1611	-0.47	0.24	-0.35	-5.55	0.02	3.72	-0.94	-7.43	1.71	0.93	-1.76	-2.81	-0.37	-0.12	-1.58	6.67	2.54	-1.19	-6.7419
2443	2498	1.14	-1.63	1.29	-5.55	-0.68	0.54	1.56	-2.11	1.86	-0.16	0.93	-2.49	-0.18	-2.19	2.86	-2.55	2.54	-1.92	-6.7395
2444	4145	1.20	-8.82	2.15	11.14	1.40	0.01	1.56	-4.75	3.14	-0.16	-1.37	1.30	1.23	-1.35	3.41	-1.61	-2.47	-12.75	-6.7328
2445	5065	0.06	-2.30	0.23	-5.55	-1.37	-1.05	-0.80	-2.71	0.93	1.66	-1.42	4.80	-1.23	5.86	-0.47	1.22	-4.98	0.39	-6.7280
2446	782	-0.85	-4.65	0.73	5.58	-1.02	1.07	-0.80	-2.97	0.59	-0.53	-2.83	0.10	-1.62	-2.60	-1.03	0.44	10.05	-6.40	-6.7150
2447	201	0.09	-9.84	2.49	-11.11	0.02	2.13	-0.94	-6.57	4.18	2.75	-1.35	-2.81	2.43	1.10	-1.03	2.74	17.57	-8.56	-6.7120
2448	187	-0.31	-7.94	1.84	-5.55	-0.33	3.19	-0.94	-8.40	2.68	0.93	-1.18	-2.81	0.72	-0.40	-2.69	6.00	12.56	-4.09	-6.7109
2449	538	-0.32	-6.79	2.14	11.14	1.06	-1.05	-0.34	-3.90	3.08	-0.89	-1.69	1.30	1.17	-4.18	-1.03	-1.20	7.55	-12.75	-6.6961
2450	1981	-0.53	5.67	-0.54	-5.55	-0.33	0.01	-0.34	5.53	-0.38	-0.16	1.50	-2.49	-2.72	-2.05	-0.47	-1.11	-7.48	4.74	-6.6934
2451	1967	-0.93	7.57	-1.19	0.01	-0.68	1.07	-0.34	3.70	-1.89	-1.98	1.66	-2.49	-4.42	-3.55	-2.14	2.16	-12.49	9.21	-6.6923
2452	4724	-1.17	11.65	-3.07	0.01	-0.33	-3.17	-0.34	4.89	-6.15	-0.89	2.23	2.21	-9.21	3.46	-1.58	-1.38	-17.50	13.69	-6.6614
2453	1859	1.33	-3.19	1.63	-5.55	-0.68	2.66	-0.34	-1.24	1.95	0.93	1.74	-2.49	-0.09	-2.07	-2.14	2.80	0.03	-1.92	-6.6459
2454	2554	-1.35	15.88	-3.17	0.01	-1.37	-2.64	1.56	0.74	-4.04	-3.80	1.43	-2.49	-6.83	-3.99	2.86	-4.56	-9.99	15.10	-6.6414
2455	5222	1.00	3.27	-1.80	0.01	0.71	-2.64	-0.94	11.50	-3.20	1.66	-1.09	2.09	-5.89	0.84	-1.58	-8.37	-7.48	5.26	-6.6412
2456	96	-1.68	-2.12	0.23	5.58	-0.33	0.54	-0.94	-8.62	-1.25	0.20	-1.50	-2.81	-3.70	-0.38	-2.14	2.80	10.05	-0.57	-6.6356
2457	1853	1.37	-8.86	1.13	5.58	0.36	0.54	-0.34	0.39	0.87	3.11	1.37	-2.49	-1.32	-0.51	-0.47	-3.79	2.54	-6.12	-6.6296
2458	4337	0.44	0.07	-0.90	5.58	-1.37	0.54	1.09	-5.90	-1.42	-0.53	-1.93	0.10	-3.88	-0.09	3.41	-1.35	0.03	-0.51	-6.6074
2459	5812	0.35	4.45	-1.80	0.01	0.36	-1.05	-0.94	9.80	-4.49	1.66	-0.09	-1.14	-7.34	2.97	-2.14	-6.45	-9.99	9.21	-6.5956
2460	62	-1.04	-5.64	1.33	5.58	0.36	0.01	-0.94	-5.53	1.38	0.57	-2.02	-2.81	-0.73	-1.10	-1.58	1.52	12.56	-8.51	-6.5879
2461	1902	-0.23	6.71	0.03	-5.55	-0.33	0.01	-0.34	5.75	0.30	-0.89	1.99	-2.49	-1.94	-3.08	-1.03	-0.65	-7.48	2.63	-6.5774
2462	4231	1.16	-2.16	2.08	0.01	0.36	3.19	1.56	-6.38	3.52	-2.71	-1.81	1.30	1.67	-3.07	1.75	4.36	-4.98		

2465	2960	0.97	-20.82	3.67	-11.11	0.36	2.13	1.09	-3.25	3.14	2.75	-0.47	0.10	1.25	2.32	2.30	4.30	17.57	-12.87	-6.5687
2466	1217	-1.15	-1.99	1.34	0.01	-0.33	-0.52	1.56	-7.86	2.90	-2.34	-1.98	1.30	0.99	-3.58	3.41	-0.84	7.55	-5.04	-6.5669
2467	1203	-1.54	-0.09	0.69	5.58	-0.68	0.54	1.56	-9.69	1.39	-4.16	-1.82	1.30	-0.71	-5.07	1.75	2.42	2.54	-0.57	-6.5658
2468	4225	1.20	-7.83	1.58	11.14	1.40	1.07	1.56	-4.75	2.44	-0.53	-2.18	1.30	0.45	-1.50	3.41	-2.22	-2.47	-10.64	-6.5590
2469	1915	-1.16	14.33	-2.83	0.01	-1.37	-0.52	-0.34	1.61	-3.96	-2.71	2.24	-2.49	-6.75	-3.87	-2.14	0.78	-12.49	15.10	-6.5479
2470	1458	-0.55	-0.27	0.23	-5.55	-2.06	-1.05	1.09	-7.78	0.93	-1.62	-1.74	0.10	-1.24	-2.26	2.86	-0.60	12.56	0.39	-6.5392
2471	618	-0.32	-5.80	1.56	11.14	1.06	0.01	-0.34	-3.90	2.39	-1.25	-2.50	1.30	0.39	-4.33	-1.03	-1.81	7.55	-10.64	-6.5223
2472	3502	0.85	-11.03	3.78	0.01	2.10	-1.05	-0.34	1.09	5.67	-1.62	-1.74	1.30	4.11	-0.04	-1.03	1.72	2.54	-12.87	-6.5223
2473	3857	-0.15	12.05	-2.12	0.01	-1.02	-2.64	1.56	-2.99	-2.78	-2.71	0.53	-2.49	-5.41	-1.11	3.41	-4.46	-7.48	11.27	-6.5082
2474	4045	-0.21	7.74	-1.92	0.01	-0.68	-1.58	1.56	2.66	-2.45	-2.34	1.49	-2.49	-5.04	-0.98	3.41	-3.82	-12.49	10.61	-6.4945
2475	2324	1.62	-16.58	2.02	0.01	-0.33	4.25	-0.80	-4.37	3.24	4.57	-0.41	0.10	1.34	1.32	-0.47	3.20	7.55	-12.75	-6.4942
2476	250	-1.68	14.08	-2.14	0.01	-1.37	-3.70	-0.34	-2.15	-2.84	-3.43	0.22	-2.49	-5.47	-3.94	-1.03	-4.04	2.54	11.27	-6.4715
2477	3466	0.97	7.70	-0.54	-5.55	0.02	0.01	-0.34	6.82	-0.39	-1.62	1.18	-2.49	-2.72	-1.80	-1.03	-1.46	-9.99	4.74	-6.4674
2478	438	-1.74	9.77	-1.93	0.01	-1.02	-2.64	-0.34	3.51	-2.51	-3.07	1.18	-2.49	-5.10	-3.81	-1.03	-3.40	-2.47	10.61	-6.4579
2479	856	-1.78	8.86	-1.45	0.01	-1.02	-3.17	1.56	-4.98	-4.21	-2.34	1.83	-2.49	-7.02	-3.06	2.30	-2.28	5.04	7.75	-6.4481
2480	819	-0.35	-1.83	0.57	-5.55	-2.06	1.07	-0.80	-6.91	1.01	-0.53	-0.93	0.10	-1.15	-2.15	-2.14	4.75	10.05	0.39	-6.4457
2481	4308	0.34	-3.76	1.19	5.58	-1.02	1.07	1.09	-5.66	-0.11	-0.53	-1.02	0.10	-2.42	0.00	2.30	2.95	-2.47	-4.09	-6.4445
2482	3193	0.38	4.61	-1.12	11.14	-0.33	-1.58	-0.34	0.75	-2.53	-0.53	1.14	-2.49	-5.13	-0.74	-0.47	-4.34	-7.48	2.61	-6.4431
2483	1044	-1.84	4.55	-1.25	0.01	-0.68	-2.11	1.56	0.68	-3.89	-1.98	2.79	-2.49	-6.66	-2.93	2.30	-1.64	0.03	7.10	-6.4357
2484	142	-1.04	-4.65	0.75	5.58	0.36	1.07	-0.94	-5.53	0.69	0.20	-2.83	-2.81	-1.51	-1.25	-1.58	0.91	12.56	-6.40	-6.4141
2485	3338	2.87	-6.83	1.13	5.58	0.71	0.54	-0.34	1.68	0.87	1.66	1.05	-2.49	-1.32	-0.26	-1.03	-4.14	0.03	-6.12	-6.4036
2486	2218	-0.76	1.47	0.50	5.58	-1.72	1.60	-0.80	-3.90	1.26	-1.25	-2.63	0.10	-0.87	-2.30	-1.03	1.39	-2.47	-0.57	-6.4027
2487	3240	0.81	-1.42	-1.13	11.14	-0.33	1.07	-0.34	-0.59	-2.03	0.20	1.21	-2.49	-4.58	0.44	-0.47	-2.04	-7.48	1.64	-6.3794
2488	5518	0.99	3.15	-1.80	0.01	0.71	-1.58	-0.94	11.87	-3.21	1.66	-1.09	-1.14	-5.89	3.36	-1.58	-8.69	-7.48	5.27	-6.3644
2489	3582	0.85	-10.04	3.21	0.01	2.10	0.01	-0.34	1.09	4.97	-1.98	-2.55	1.30	3.33	-0.19	-1.03	1.11	2.54	-10.75	-6.3484
2490	1465	-0.60	-8.42	1.48	-5.55	-1.72	1.07	1.09	-6.92	2.51	0.20	-1.68	0.10	0.54	-0.68	3.41	0.34	12.56	-4.09	-6.3375
2491	4595	1.45	-3.19	1.64	-5.55	0.02	1.60	-0.34	1.24	2.01	-0.53	-0.07	2.21	-0.02	2.43	-2.14	-0.19	-4.98	-1.92	-6.3264
2492	2955	1.03	-13.40	1.67	-5.55	-1.37	5.31	1.09	-7.07	4.19	1.66	-1.06	0.10	2.42	-0.30	2.86	5.55	5.04	-8.51	-6.3162
2493	4589	1.50	-8.86	1.14	5.58	1.06	-0.52	-0.34	2.87	0.93	1.66	-0.44	2.21	-1.25	4.00	-0.47	-6.77	-2.47	-6.12	-6.3100
2494	896	-1.25	5.03	-2.58	0.01	-1.02	-2.64	1.56	-5.53	-3.83	-1.25	1.47	-2.49	-6.60	-1.90	3.41	-3.09	7.55	6.85	-6.3096
2495	2817	-0.77	-1.56	0.07	5.58	-1.37	0.01	1.09	-5.95	-0.24	0.20	-1.45	0.10	-2.55	-1.44	3.41	0.04	2.54	-4.03	-6.3046
2496	1084	-1.31	0.72	-2.37	0.01	-0.68	-1.58	1.56	0.12	-3.51	-0.89	2.43	-2.49	-6.23	-1.77	3.41	-2.45	2.54	6.19	-6.2960
2497	4966	-0.72	7.91	-0.94	-5.55	-1.37	-2.11	-0.80	-2.49	-0.54	-0.89	-2.37	4.80	-2.88	3.72	-1.03	1.80	-7.48	4.64	-6.2958
2498	936	-1.78	9.85	-2.03	0.01	-1.02	-2.11	1.56	-4.98	-4.90	-2.71	1.02	-2.49	-7.80	-3.21	2.30	-2.89	5.04	9.87	-6.2742
2499	4388	0.34	-2.77	0.61	5.58	-1.02	2.13	1.09	-5.66	-0.80	-0.89	-1.83	0.10	-3.20	-0.15	2.30	2.34	-2.47	-1.98	-6.2706
2500	90	-1.28	2.11	-0.89	5.58	-0.33	-0.52	-0.94	-7.62	-1.38	-0.53	-2.25	-2.81	-3.84	-1.57	-1.58	-0.47	12.56	-0.51	-6.2697
2501	3273	0.38	5.60	-1.70	11.14	-0.33	-0.52	-0.34	0.75	-3.22	-0.89	0.33	-2.49	-5.91	-0.89	-0.47	-4.95	-7.48	4.72	-6.2692
2502	4645	-0.84	6.74	-2.36	0.01	0.02	-3.17	-0.34	6.75	-4.01	0.57	2.36	2.21	-6.79	3.99	-0.47	-3.09	-15.00	7.16	-6.2587
2503	3168	2.63	-16.58	2.04	0.01	1.40	3.19	-0.94	-5.87	3.34	4.93	-0.41	-2.81	1.45	4.10	-1.03	3.47	7.55	-12.75	-6.2548
2504	2864	-0.34	-7.59	0.06	5.58	-1.37	2.66	1.09	-7.29	0.26	0.93	-1.38	0.10	-2.00	-0.27	3.41	2.34	2.54	-4.99	-6.2409
2505	4789	-0.25	-3.62	2.31	0.01	0.71	-1.05	-0.34	-1.55	4.08	0.20	-1.50	6.00	2.33	3.44	-0.47	2.01	-9.99	-8.56	-6.2269
2506	4775	-0.64	-1.72	1.66	5.58	0.36	0.01	-0.34	-3.38	2.58	-1.62	-1.33	6.00	0.63	1.94	-2.14	5.28	-15.00	-4.09	-6.2258
2507	3655	0.93	-0.74	0.21	-5.55	-1.02	2.66	-0.80	-3.80	2.31	0.20	-0.95	0.10	0.31	0.11	-1.03	6.61	-2.47	-3.30	-6.2228
2508	391	-1.25	7.56	-2.22	-11.11	-0.68	-0.52	-0.34	2.54	-1.46	-1.25	2.85	-2.49	-3.93	-2.82	-1.03	2.01	0.03	7.89	-6.2141
2509	1684	1.43	-16.58	2.04	0.01	1.06	4.25	-0.94	-6.94	3.34	5.29	-0.41	-2.81	1.44	2.67	-1.03	3.67	10.05	-12.75	-6.1933
2510	1117	-1.74	7.73	-2.94	0.01	-0.68	-3.17	1.56	1.46	-4.70	-1.98	1.55	-2.49	-7.57	-3.10	3.41	-5.36	2.54	9.27	-6.1858
2511	523	-1.25	-1.08	0.24	5.58	-0.33	0.01	-0.34	-7.02	2.53	-2.34	-0.95	1.30	0.57	-3.91	-1.03	3.32	2.54	-4.03	-6.1825
2512	5060	1.75	-16.58	2.04	0.01	0.36	3.19	-0.80	-1.89	3.30	3.11	-2.22	4.80	1.41	5.82	-0.47	0.22	2.54	-12.75	-6.1747
2513	2461	0.57	-13.10	2.79	-5.55	1.06	-0.52	1.56	1.51	3.51	-0.89	-0.50	-2.49	1.68	-0.23	3.41	-5.31	12.56	-6.23	-6.1733
2514	3062	0.25	1.47	0.52	5.58	0.02	0.54	-0.94	-5.39	1.36	-0.89	-2.63	-2.81	-0.75	0.48	-1.58	1.66	-2.47	-0.57	-6.1633
2515	179	-0.54	-1.83	0.59	-5.55	-0.68	1.07	-0.94	-9.47	1.10	0.20	-0.93	-2.81	-1.05	-0.80	-2.69	5.21	12.56	0.39	-6.1448
2516	2897	-0.77	-0.57	-0.51	5.58	-1.37	1.07	1.09	-5.95	-0.93	-0.16	-2.26	0.10	-3.34	-1.59	3.41	-0.57	2.54	-1.92	-6.1307
2517	4336	0.10	3.99	-1.03	5.58	-1.72	0.54	1.09	-7.75	-2.87	-1.62	-1.25	0.10	-5.53	-0.47	2.30	0.96	-2.47	3.91	-6.1263
2518	2791	1.56	-14.55	2.50	0.01	0.71	4.25	1.56	-8.00	5.99	0.93	-0.73	1.30	4.43	-2.03	2.86	3.30	2.54	-12.75	-6.1235
2519	982	0.89	-6.83	1.14	5.58	0.36	-0.52	1.56	-2.20	0.92	-1.62	-0.76	-2.49	-1.26	-4.13	2.86	-8.59	15.06	-6.12	-6.1213
2520	701	-1.15	-7.67	1.31	5.58	-1.02	0.01	-0.80	-3.18	1.29	0.93	-1.70	0.10	-0.83	-1.26	-0.47	1.20	10.05	-8.51	-6.1210
2521	6025	-1.29	14.12	-2.92	-5.55	0.36	-3.70	-0.94	5.14	-2.70	0.57	-2.06	2.65	-5.31	2.53	-1.03	-2.30	-15.00	11.30	-6.1096
2522	1578	-0.95	1.47	0.52	5.58	-0.33	1.60	-0.94	-6.46	1.35	-0.53	-2.63	-2.81	-0.76	-0.96	-1.58	1.86	0.03	-0.57	-6.1018
2523	2394	-0.29	2.17	-0.83	11.14	-0.68	0.01	1.56	-2.31	-2.12	-1.62	0.09	-2.49	-4.67	-3.28	2.86	-4.81	-2.47	1.64	-6.0940
2524	4302	0.73	0.47	0.07	5.58	-1.02	0.01	1.09	-4.66	-0.24	-1.25	-1.76	0.10	-2.56	-1.20	2.86	-0.31	0.03	-4.03	-6.0786
2525	1720	-0.39	-3.05	-0.17	11.14	-0.33	0.54	-0.34	-0.64	-0.85	0.93	1.70	-2.49	-3.24	-0.92	-0.47	-0.65	-4.98	-1.88	-6.0766
2526	1038	-1.44	8.77	-2.36	0.01	-0.68	-3.17	1.56	1.68	-4.01	-2.71	2.04	-2.49	-6.80	-4.13	2.86	-4.91	2.54	7.16	-6.0699
2527	4869	-0.25	-2.64	1.73	0.01	0.71	0.01	-0.34	-1.55	3.39	-0.16	-2.31	6.00	1.54	3.29	-0.47				

2530	3735	0.93	0.24	-0.37	-5.55	-1.02	3.72	-0.80	-3.80	1.62	-0.16	-1.76	0.10	-0.47	-0.04	-1.03	6.00	-2.47	1.19	-6.0490
2531	2700	0.19	-8.73	0.89	11.14	0.71	1.60	1.56	-8.22	2.05	0.20	-1.05	1.30	0.01	-2.01	3.41	0.09	0.03	-9.24	-6.0481
2532	1182	-0.85	-1.59	2.31	0.01	0.02	-1.05	1.56	-6.62	4.08	-3.07	-1.81	1.30	2.32	-4.68	2.86	0.20	7.55	-8.56	-6.0381
2533	2605	-1.41	7.09	-1.53	0.01	-0.68	-1.05	1.56	2.62	-1.96	-1.98	1.17	-2.49	-4.50	-2.48	3.41	-3.03	-9.99	9.21	-6.0179
2534	603	-1.25	-0.09	-0.34	5.58	-0.33	1.07	-0.34	-7.02	1.84	-2.71	-1.76	1.30	-0.21	-4.06	-1.03	2.71	2.54	-1.92	-6.0087
2535	2497	0.84	-3.67	1.30	-5.55	-0.68	0.54	1.56	-2.33	1.87	0.93	1.24	-2.49	-0.17	-1.01	3.41	-2.39	2.54	-1.92	-5.9715
2536	2483	0.45	-1.77	0.64	0.01	-1.02	1.60	1.56	-4.16	0.37	-0.89	1.41	-2.49	-1.87	-2.51	1.75	0.87	-2.47	2.54	-5.9705
2537	3192	0.04	8.52	-1.26	11.14	-0.68	-1.58	-0.34	-1.10	-3.99	-1.62	1.83	-2.49	-6.77	-1.12	-1.58	-2.03	-9.99	7.03	-5.9620
2538	3946	2.07	-11.07	2.79	-5.55	1.40	-0.52	1.56	2.80	3.51	-2.34	-0.81	-2.49	1.68	0.02	2.86	-5.67	10.05	-6.23	-5.9474
2539	781	-1.15	-6.68	0.73	5.58	-1.02	1.07	-0.80	-3.18	0.60	0.57	-2.51	0.10	-1.61	-1.41	-0.47	0.59	10.05	-6.40	-5.9471
2540	543	-0.66	-3.14	2.64	0.01	0.02	1.07	-0.34	-5.75	4.16	-1.98	-1.00	1.30	2.41	-4.57	-2.14	5.54	5.04	-8.56	-5.9446
2541	537	-0.62	-8.82	2.14	11.14	1.06	-1.05	-0.34	-4.12	3.09	0.20	-1.37	1.30	1.18	-3.00	-0.47	-1.04	7.55	-12.75	-5.9282
2542	1932	-0.45	-4.67	0.26	-5.55	1.06	-1.58	-0.34	6.96	-1.87	0.57	2.70	-2.49	-4.39	0.38	-1.58	0.70	2.54	1.84	-5.9212
2543	2338	-1.06	12.45	-1.16	0.01	-1.02	-2.11	1.56	-2.82	-1.60	-3.07	0.70	-2.49	-4.08	-3.64	2.86	-3.21	-4.98	7.75	-5.9143
2544	4803	-0.88	6.02	-0.56	5.58	-0.33	-0.52	-0.34	-5.47	-0.18	-2.71	-1.56	6.00	-2.49	1.47	-2.14	3.29	-15.00	3.91	-5.9076
2545	4382	0.73	1.46	-0.51	5.58	-1.02	1.07	1.09	-4.66	-0.93	-1.62	-2.57	0.10	-3.34	-1.35	2.86	-0.92	0.03	-1.92	-5.9048
2546	1800	-0.39	-2.06	-0.74	11.14	-0.33	1.60	-0.34	-0.64	-1.54	0.57	0.89	-2.49	-4.03	-1.07	-0.47	-1.26	-4.98	0.24	-5.9027
2547	2526	-1.12	8.13	-0.95	0.01	-0.68	-1.05	1.56	2.83	-1.28	-2.71	1.66	-2.49	-3.72	-3.51	2.86	-2.58	-9.99	7.10	-5.9020
2548	2553	-1.65	13.85	-3.17	0.01	-1.37	-2.64	1.56	0.53	-4.03	-2.71	1.75	-2.49	-6.82	-2.81	3.41	-4.41	-9.99	15.10	-5.8735
2549	5221	0.71	1.23	-1.80	0.01	0.71	-2.64	-0.94	11.29	-3.20	2.75	-0.77	2.09	-5.88	2.03	-1.03	-8.22	-7.48	5.26	-5.8733
2550	1262	-0.85	-0.60	1.73	0.01	0.02	0.01	1.56	-6.62	3.38	-3.43	-2.62	1.30	1.54	-4.83	2.86	-0.41	7.55	-6.45	-5.8643
2551	3307	2.26	-12.62	3.12	-5.55	1.40	1.60	-0.34	3.66	3.59	-1.25	0.00	-2.49	1.77	0.13	-2.14	-0.32	7.55	-6.23	-5.8538
2552	2816	-1.10	2.35	-0.07	5.58	-1.72	0.01	1.09	-7.80	-1.69	-0.89	-0.76	0.10	-4.20	-1.83	2.30	2.36	0.03	0.39	-5.8235
2553	1699	-0.87	10.89	-0.82	0.01	-1.02	0.01	-0.34	-1.95	-1.52	-1.98	1.51	-2.49	-4.00	-3.53	-2.14	2.13	-7.48	7.75	-5.8208
2554	61	-1.34	-7.67	1.33	5.58	0.36	0.01	-0.94	-5.75	1.39	1.66	-1.70	-2.81	-0.72	0.08	-1.03	1.67	12.56	-8.51	-5.8200
2555	1901	-0.53	4.68	0.04	-5.55	-0.33	0.01	-0.34	5.53	0.31	0.20	2.31	-2.49	-1.93	-1.90	-0.47	-0.50	-7.48	2.63	-5.8095
2556	1887	-0.93	6.58	-0.62	0.01	-0.68	1.07	-0.34	3.70	-1.20	-1.62	2.47	-2.49	-3.64	-3.40	-2.14	2.77	-12.49	7.10	-5.8084
2557	729	-1.38	0.07	-0.91	5.58	-1.72	-0.52	-0.80	-5.28	-1.47	-0.16	-1.93	0.10	-3.94	-1.74	-0.47	-0.79	10.05	-0.51	-5.8028
2558	4090	0.09	9.12	-1.53	0.01	-0.33	-1.05	1.56	3.90	-1.97	-3.43	0.85	-2.49	-4.50	-2.23	2.86	-3.39	-12.49	9.21	-5.7920
2559	3272	0.04	9.51	-1.83	11.14	-0.68	-0.52	-0.34	-1.10	-4.68	-1.98	1.02	-2.49	-7.56	-1.27	-1.58	-2.63	-9.99	9.14	-5.7882
2560	4736	-0.41	0.07	-1.98	0.01	0.36	-1.05	-0.34	6.43	-3.01	1.29	2.10	2.21	-5.68	5.09	-0.47	-0.21	-15.00	4.79	-5.7822
2561	4644	-1.17	10.66	-2.50	0.01	-0.33	-3.17	-0.34	4.89	-5.46	-0.53	3.04	2.21	-8.43	3.61	-1.58	-0.78	-17.50	11.58	-5.7776
2562	1457	-0.84	-2.30	0.23	-5.55	-2.06	-1.05	1.09	-7.99	0.93	-0.53	-1.42	0.10	-1.23	-1.08	3.41	-0.44	12.56	0.39	-5.7713
2563	623	-0.66	-2.16	2.07	0.01	0.02	2.13	-0.34	-5.75	3.47	-2.34	-1.81	1.30	1.62	-4.72	-2.14	4.93	5.04	-6.45	-5.7708
2564	1748	-0.63	4.70	-2.38	11.14	-1.02	0.01	-0.34	-2.73	-3.61	-0.16	1.47	-2.49	-6.36	-1.39	-0.47	-2.64	-4.98	6.12	-5.7584
2565	617	-0.62	-7.83	1.56	11.14	1.06	0.01	-0.34	-4.12	2.39	-0.16	-2.18	1.30	0.39	-3.15	-0.47	-1.65	7.55	-10.64	-5.7544
2566	3501	0.56	-13.06	3.79	0.01	2.10	-1.05	-0.34	0.88	5.67	-0.53	-1.43	1.30	4.12	1.14	-0.47	1.88	2.54	-12.87	-5.7543
2567	2947	0.80	-7.29	0.42	-5.55	-1.72	3.19	1.09	-8.14	2.62	0.93	-0.80	0.10	0.66	-0.69	2.86	4.76	5.04	-4.03	-5.7500
2568	3982	2.34	-1.63	1.29	-5.55	-0.33	0.54	1.56	-1.04	1.87	-0.53	0.93	-2.49	-0.17	-0.76	2.86	-2.75	0.03	-1.92	-5.7456
2569	2418	-1.06	13.43	-1.74	0.01	-1.02	-1.05	1.56	-2.82	-2.30	-3.43	-0.11	-2.49	-4.87	-3.79	2.86	-3.82	-4.98	9.87	-5.7405
2570	1116	-2.08	11.65	-3.07	0.01	-1.02	-3.17	1.56	-0.39	-6.15	-3.07	2.23	-2.49	-9.22	-3.48	2.30	-3.04	0.03	13.69	-5.7048
2571	249	-1.97	12.05	-2.14	0.01	-1.37	-3.70	-0.34	-2.37	-2.83	-2.34	0.53	-2.49	-5.46	-2.75	-0.47	-3.89	2.54	11.27	-5.7036
2572	3465	0.67	5.67	-0.54	-5.55	0.02	0.01	-0.34	6.60	-0.38	-0.53	1.50	-2.49	-2.71	-0.62	-0.47	-1.31	-9.99	4.74	-5.6995
2573	3451	0.28	7.57	-1.19	0.01	-0.33	1.07	-0.34	4.77	-1.88	-2.34	1.66	-2.49	-4.41	-2.12	-2.14	1.96	-15.00	9.21	-5.6984
2574	437	-2.03	7.74	-1.93	0.01	-1.02	-2.64	-0.34	3.29	-2.50	-1.98	1.49	-2.49	-5.09	-2.62	-0.47	-3.25	-2.47	10.61	-5.6899
2575	1739	-0.34	7.06	-1.95	0.01	-1.02	0.54	-0.34	-2.51	-1.14	-0.89	1.15	-2.49	-3.57	-2.37	-1.03	1.31	-4.98	6.85	-5.6823
2576	1927	-0.39	2.75	-1.74	0.01	-0.68	1.60	-0.34	3.15	-0.82	-0.53	2.11	-2.49	-3.21	-2.24	-1.03	1.95	-9.99	6.19	-5.6687
2577	3343	2.53	-3.19	1.63	-5.55	-0.33	2.66	-0.34	-0.17	1.95	0.57	1.74	-2.49	-0.09	-0.64	-2.14	2.60	-2.47	-1.92	-5.6521
2578	2896	-1.10	3.34	-0.64	5.58	-1.72	3.34	1.09	-7.80	-2.39	-1.25	-1.57	0.10	-4.98	-1.98	2.30	1.75	0.03	2.50	-5.6496
2579	4038	-0.15	15.88	-3.17	0.01	-1.02	-2.64	1.56	1.81	-4.03	-4.16	1.43	-2.49	-6.82	-2.56	2.86	-4.77	-12.49	15.10	-5.6476
2580	1779	-0.87	11.88	-1.40	0.01	-1.02	1.07	-0.34	-1.95	-2.21	-2.34	0.70	-2.49	-4.78	-3.68	-2.14	1.52	-7.48	9.87	-5.6469
2581	141	-1.34	-6.68	0.75	5.58	0.36	1.07	-0.94	-5.75	0.69	1.29	-2.51	-2.81	-1.50	-0.06	-1.03	1.06	12.56	-6.40	-5.6462
2582	700	-1.49	-3.76	1.17	5.58	-1.37	0.01	-0.80	-5.04	-0.16	-0.16	-1.02	0.10	-2.47	-1.65	-1.58	3.52	7.55	-4.09	-5.6399
2583	4684	-0.64	6.83	-3.62	0.01	-0.33	-2.64	-0.34	4.34	-5.08	0.57	2.68	2.21	-8.01	4.77	-0.47	-1.59	-15.00	10.68	-5.6378
2584	3337	2.58	-8.86	1.13	5.58	0.71	0.54	-0.34	1.46	0.88	2.75	1.37	-2.49	-1.31	0.92	-0.47	-3.99	0.03	-6.12	-5.6357
2585	2217	-1.06	-0.57	0.50	5.58	-1.72	1.60	-0.80	-4.12	1.27	-0.16	-2.31	0.10	-0.86	-1.12	-0.47	1.55	-2.47	-0.57	-5.6348
2586	5517	0.69	1.12	-1.80	0.01	0.71	-1.58	-0.94	11.65	-3.20	2.75	-0.77	-1.14	-5.88	4.55	-1.03	-8.53	-7.48	5.27	-5.5965
2587	3386	0.97	6.71	0.03	-5.55	0.02	0.01	-0.34	6.82	0.31	-1.25	1.99	-2.49	-1.93	-1.65	-1.03	-0.85	-9.99	2.63	-5.5836
2588	3581	0.56	-12.07	3.21	0.01	2.10	0.01	-0.34	0.88	4.98	-0.89	-2.24	1.30	3.33	0.99	-0.47	1.27	2.54	-10.75	-5.5805
2589	4444	2.18	-20.82	3.67	-11.11	0.71	2.13	1.09	-2.18	3.15	2.38	-0.47	0.10	1.25	3.75	2.30	4.09	15.06	-12.87	-5.5749
2590	4675	-0.35	9.20	-3.18	-11.11	-0.33	-2.11	-0.34	4.56	-2.61	-0.16	2.37	2.21	-5.23	3.79	-1.03	2.36	-15.00	11.40	-5.5617
2591	3399	0.04	14.33	-2.83	0.01	-1.02	-0.52	-0.34	2.68	-3.95	-3.07	2.24	-2.49	-6.74	-2.44	-2.14	0.58	-15.00	15.10	-5.5541
2592	4965	-1.01	5.88	-0.94	-5.55	-1.37	-2.11	-0.80	-2.71	-0.53	0.20	-2.06	4.80	-2.87	4.91	-0.47</				

2595	89	-1.57	0.07	-0.89	5.58	-0.33	-0.52	-0.94	-7.84	1.37	0.57	-1.93	-2.81	-3.83	-0.39	-1.03	-0.32	12.56	0.51	-5.5018	
2596	3808	2.82	-16.58	2.02	0.01	0.02	4.25	-0.80	-3.30	3.25	4.20	-0.41	0.10	1.34	2.75	-0.47	3.00	5.04	-12.75	-5.5004	
2597	780	-1.49	-2.77	0.60	5.58	-1.37	1.07	-0.80	-5.04	-0.85	-0.53	-1.83	0.10	-3.25	-1.80	-1.58	2.91	7.55	-1.98	-5.4661	
2598	3702	0.44	1.47	0.50	5.58	-1.37	1.60	-0.80	-2.83	1.27	-1.62	-2.63	0.10	-0.86	-0.87	-1.03	1.19	-4.98	-0.57	-5.4089	
2599	2475	0.21	4.34	-0.60	0.01	-1.37	-0.52	1.56	-5.23	-1.21	-1.62	1.66	-2.49	-3.64	-2.90	1.75	0.08	-2.47	7.03	-5.4043	
2600	4704	-0.05	4.77	-1.22	-5.55	0.02	-1.58	-0.34	5.60	-3.46	0.93	2.63	2.21	-6.17	4.11	-1.58	0.64	-12.49	6.15	-5.3999	
2601	3061	-0.05	-0.57	0.52	5.58	0.02	0.54	-0.94	-5.61	1.37	0.20	-2.31	-2.81	-0.74	1.66	-1.03	1.81	-2.47	-0.57	-5.3954	
2602	5220	0.37	5.15	-1.94	0.01	0.36	-2.64	-0.94	9.43	-4.65	1.66	-0.09	2.09	-7.52	1.64	-2.14	-5.90	-9.99	9.68	-5.3922	
2603	987	0.55	-3.19	1.64	-5.55	-0.68	1.60	1.56	-4.05	2.00	-2.71	-0.07	-2.49	-0.03	-4.51	1.75	-1.85	12.56	-1.92	-5.3697	
2604	4911	1.20	-18.79	4.14	-11.11	2.10	1.07	-0.34	0.10	5.84	1.29	-0.78	6.00	4.29	5.69	-2.14	6.42	2.54	-12.87	-5.3562	
2605	981	0.59	-8.86	1.14	5.58	0.36	-0.52	1.56	-2.42	0.93	-0.53	-0.44	-2.49	-1.25	-2.94	3.41	-8.43	15.06	-6.12	-5.3533	
2606	1358	-1.62	7.91	-0.94	-5.55	-2.06	-2.11	1.09	-7.78	-0.54	-3.07	-2.37	0.10	-2.88	-3.21	2.86	0.14	10.05	4.64	-5.3391	
2607	60	-1.68	-3.76	1.20	5.58	0.02	0.01	-0.94	-7.60	-0.07	0.57	-1.02	-2.81	-2.36	-0.30	-2.14	3.99	10.05	-4.09	-5.3389	
2608	1577	-1.25	-0.57	0.52	5.58	-0.33	1.60	-0.94	-6.68	1.36	0.57	-2.31	-2.81	-0.75	0.23	-1.03	2.01	0.03	-0.57	-5.3339	
2609	2393	-0.59	0.13	-0.83	11.14	-0.68	0.01	1.56	-2.52	-2.11	-0.53	0.40	-2.49	-4.66	-2.10	3.41	-4.66	-2.47	1.64	-5.3261	
2610	4439	2.24	-13.40	1.67	-5.55	-1.02	5.31	1.09	-6.00	4.20	1.29	-1.06	0.10	2.43	1.14	2.86	5.34	2.54	-8.51	-5.3223	
2611	728	-1.72	3.99	-1.04	5.58	-2.06	-0.52	-0.80	-7.13	-2.92	-1.25	-1.25	0.10	-5.58	-2.12	-1.58	1.53	7.55	3.91	-5.3217	
2612	4301	0.44	-1.56	0.07	5.58	-1.02	0.01	1.09	-4.88	-0.23	-0.16	-1.45	0.10	-2.55	-0.01	3.41	-0.16	0.03	-4.03	-5.3107	
2613	1037	-1.74	6.74	-2.36	0.01	-0.68	-3.17	1.56	1.46	-4.01	-1.62	2.36	-2.49	-6.79	-2.95	3.41	-4.75	2.54	7.16	-5.3020	
2614	4820	-0.17	-12.98	2.53	0.01	2.10	-1.58	-0.34	-0.12	1.90	0.57	-1.10	6.00	-0.13	5.72	-1.58	3.21	0.03	-9.35	-5.2809	
2615	694	-1.09	0.47	0.06	5.58	-1.37	-1.05	-0.80	-4.04	-0.29	-0.89	-1.76	0.10	-2.61	-2.84	-1.03	0.26	10.05	-4.03	-5.2740	
2616	1181	-1.15	-3.62	2.31	0.01	0.02	-1.05	1.56	-6.84	4.08	-1.98	-1.50	1.30	2.33	-3.50	3.41	0.35	7.55	-8.56	-5.2702	
2617	1167	-1.54	-1.72	1.66	5.58	-0.33	0.01	1.56	-8.67	2.58	-3.80	-1.33	1.30	0.63	-5.00	1.75	3.62	2.54	-4.09	-5.2691	
2618	4348	0.87	-7.59	0.06	5.58	-1.02	2.66	1.09	-6.22	0.27	0.57	-1.38	0.10	-1.99	1.16	3.41	2.14	0.03	-4.99	-5.2470	
2619	719	-1.43	6.36	-0.61	-5.55	-2.06	0.01	-0.80	-6.91	-0.45	-1.98	-1.56	0.10	-2.80	-3.10	-2.14	5.49	7.55	4.64	-5.2456	
2620	4606	0.54	-0.21	0.30	0.01	-0.33	-1.58	-0.34	1.96	0.24	0.20	0.60	2.21	-2.00	4.10	-1.03	-2.44	-9.99	2.54	-5.2223	
2621	1452	0.84	-16.58	2.04	0.01	-0.33	3.19	1.09	-7.18	3.30	0.93	-2.22	0.10	1.41	-1.11	3.41	-1.44	20.07	-12.75	-5.2180	
2622	2962	1.72	-13.00	2.32	0.01	-0.33	3.19	1.09	-5.02	3.17	2.38	-1.54	0.10	1.25	-0.97	2.86	0.24	10.05	-12.75	-5.2150	
2623	3945	1.77	-13.10	2.79	-5.55	1.40	-0.52	1.56	2.58	3.52	-1.25	-0.50	-2.49	1.69	1.20	3.41	-5.51	10.05	-6.23	-5.1795	
2624	2598	-1.35	15.23	-2.78	0.01	-1.02	-2.11	1.56	1.77	-3.55	-3.80	1.11	-2.49	-6.28	-4.06	2.86	-3.98	-9.99	13.69	-5.1710	
2625	140	-1.68	-2.77	0.62	5.58	0.02	1.07	-0.94	-7.60	-0.76	0.20	-1.83	-2.81	-3.15	-0.45	-2.14	3.38	10.05	-1.98	-5.1651	
2626	2337	-1.35	10.41	-1.16	0.01	-1.02	-2.11	1.56	-3.04	-1.60	-1.98	1.02	-2.49	-4.07	-2.46	3.41	-3.06	-4.98	7.75	-5.1464	
2627	338	0.24	-11.07	2.77	-5.55	1.06	-1.58	-0.34	3.42	3.46	-1.98	-0.81	-2.49	1.63	-1.63	-1.03	-5.10	20.07	-6.23	-5.1428	
2628	4381	0.44	-0.57	-0.50	5.58	-1.02	1.07	1.09	-4.88	-0.92	-0.53	-2.26	0.10	-3.33	-0.16	3.41	-0.77	0.03	-1.92	-5.1369	
2629	2525	-1.41	6.10	-0.95	0.01	-0.68	-1.05	1.56	2.62	-1.27	-1.62	1.98	-2.49	-3.71	-2.33	3.41	-2.42	-9.99	7.10	-5.1341	
2630	4275	2.77	-14.55	2.51	0.01	1.06	4.25	1.56	-6.94	5.99	0.57	-0.73	1.30	4.44	-0.60	2.86	3.10	0.03	-12.75	-5.1296	
2631	5516	0.35	5.04	-1.94	0.01	0.36	-1.58	-0.94	9.80	-4.65	1.66	-0.09	9.80	-1.14	-7.52	4.16	-2.14	-6.22	-9.99	9.69	-5.1154
2632	2182	-0.76	-0.17	1.47	5.58	-1.37	1.07	-0.80	-2.88	2.45	-0.89	-2.14	0.10	0.47	-2.23	-1.03	2.59	-2.47	-4.09	-5.1061	
2633	774	-1.09	1.46	-0.52	5.58	-1.37	0.01	-0.80	-4.04	-0.98	-1.25	-2.57	0.10	-3.39	-2.99	-1.03	-0.35	10.05	-1.92	-5.1002	
2634	3878	0.91	2.17	-0.83	11.14	-0.33	0.01	1.56	-1.24	-2.11	-1.98	0.09	-2.49	-4.66	-1.85	2.86	-5.01	-4.98	1.64	-5.1001	
2635	1261	-1.15	-2.64	1.73	0.01	0.02	0.01	1.56	-6.84	3.39	-2.34	-2.31	1.30	1.54	-3.65	3.41	-0.26	7.55	-6.45	-5.0964	
2636	1247	-1.54	-0.74	1.08	5.58	-0.33	1.07	1.56	-8.67	1.89	-4.16	-2.14	1.30	-0.16	-5.15	1.75	3.01	2.54	-1.98	-5.0953	
2637	3204	0.81	-3.05	-0.17	11.14	0.02	0.54	-0.34	0.43	-0.85	0.57	1.70	-2.49	-3.24	0.51	-0.47	-0.85	-7.48	-1.88	-5.0827	
2638	1959	-1.16	13.68	-2.44	0.01	-1.02	0.01	-0.34	2.63	-3.46	-2.71	1.92	-2.49	-6.19	-3.95	-2.14	1.36	-12.49	13.69	-5.0775	
2639	4184	1.40	-8.73	0.89	11.14	1.06	1.60	1.56	-7.15	2.06	-0.16	-1.05	1.30	0.01	-0.58	3.41	-0.11	-2.47	-9.24	-5.0543	
2640	4815	-0.11	-5.55	0.53	5.58	0.36	1.60	-0.34	-3.94	2.96	-0.53	-1.69	6.00	1.05	3.10	-1.03	4.46	-12.49	-4.99	-5.0284	
2641	4089	-0.21	7.09	-1.53	0.01	-0.33	-1.05	1.56	3.69	-1.96	-2.34	1.17	-2.49	-4.49	-1.05	3.41	-3.23	-12.49	9.21	-5.0241	
2642	88	-1.91	3.99	-1.02	5.58	-0.68	-0.52	-0.94	-9.69	-2.83	-0.53	-1.25	-2.81	-5.47	-0.77	-2.14	2.00	10.05	3.91	-5.0208	
2643	482	-1.74	9.12	-1.54	0.01	-0.68	-2.11	-0.34	4.53	-2.02	-3.07	0.85	-2.49	-4.55	-3.88	-1.03	-2.82	-2.47	9.21	-4.9874	
2644	3981	2.04	-3.67	1.30	-5.55	-0.33	0.54	1.56	-1.26	1.88	0.57	1.24	-2.49	-0.16	0.42	3.41	-2.59	0.03	-1.92	-4.9777	
2645	3967	1.65	-1.77	0.65	0.01	-0.68	1.60	1.56	-3.09	0.37	-1.25	1.41	-2.49	-1.87	-1.08	1.75	0.67	-4.98	2.54	-4.9766	
2646	54	-1.28	0.47	0.08	5.58	0.02	-1.05	-0.94	-6.60	-0.20	-0.16	-1.76	-2.81	-2.50	-1.50	-1.58	0.72	12.56	-4.03	-4.9731	
2647	2417	-1.35	11.40	-1.73	0.01	-1.02	-1.05	1.56	-3.04	-2.29	-2.34	0.21	-2.49	-4.86	-2.61	3.41	-3.67	-4.98	9.87	-4.9726	
2648	1195	-1.78	6.02	-0.56	5.58	-1.02	-0.52	1.56	-10.76	-0.18	-4.89	-1.56	1.30	-2.49	-5.47	1.75	1.63	2.54	3.91	-4.9509	
2649	79	-1.62	6.36	-0.58	-5.55	-0.68	0.01	-0.94	-9.47	-0.36	-1.25	-1.56	-2.81	-2.69	-1.75	-2.69	5.95	10.05	4.64	-4.9447	
2650	2828	-0.34	-9.22	1.03	5.58	-1.02	2.13	1.09	-6.26	1.45	1.29	-0.89	0.10	-0.66	-0.19	3.41	3.53	2.54	-8.51	-4.9442	
2651	374	0.52	-1.63	1.28	-5.55	-0.68	-0.52	-0.34	-0.42	1.82	-0.16	0.93	-2.49	-0.22	-2.41	-1.03	-2.18	10.05	-1.92	-4.9410	
2652	2262	-0.76	0.82	0.89	5.58	-1.37	2.13	-0.80	-2.88	1.75	-1.25	-2.95	0.10	-0.31	-2.38	-1.03	1.98	-2.47	-1.98	-4.9323	
2653	3416	0.75	-4.67	0.26	-5.55	1.40	-1.58	-0.34	8.03	-1.87	0.20	2.70	-2.49	-4.38	1.81	-1.58	0.50	0.03	1.84	-4.9273	
2654	3822	0.15	12.45	-1.16	0.01	-0.68	-2.11	1.56	-1.75	-1.60	-3.43	0.70	-2.49	-4.08	-2.21	2.86	-3.42	-7.48	7.75	-4.9205	
2655	4468	-0.35	3.39	-1.61	0.01	0.02	-2.11	-0.34	0.77	-2.65	1.29	1.95	2.21	-5.26	5.11	-0.47	-0.24	-9.99	3.33	-4.9107	
2656	3284	0.81	-2.06	-0.74	11.14	0.02	1.60	-0.34	0.43	-1.54	0.20	0.89	-2.49	-4.02	0.37	-0.47	-1.46	-7.48	0.24	-4.9089	
2657	4010	0.09	8.13	-0.95	0.01	-0.33	-1.05	1.56	3.90	-1.27	-3.07	1.66	-2.49	-3.71	-2.08	2.86	-2.78				

2660	3026	0.25	-0.17	1.49	5.58	0.36	0.01	-0.94	-4.37	2.55	-0.53	-2.14	-2.81	0.59	0.55	-1.58	2.85	-2.47	4.09	-4.8667	
2661	2392	-0.92	4.05	-0.97	11.14	-1.02	0.01	1.56	-4.38	-3.57	-1.62	1.09	-2.49	-6.30	-2.48	2.30	-2.34	-4.98	6.06	-4.8450	
2662	430	-1.97	15.88	-3.18	0.01	-1.37	-3.70	-0.34	2.44	-4.09	-3.80	1.43	-2.49	-6.88	-4.21	-1.03	-4.20	-2.47	15.10	-4.8430	
2663	4300	0.10	2.35	-0.06	5.58	-1.37	0.01	1.09	-6.73	-1.69	-1.25	-0.76	0.10	-4.19	-0.40	2.30	2.16	-2.47	0.39	-4.8297	
2664	3183	0.34	10.89	-0.82	0.01	-0.68	0.01	-0.34	-0.89	-1.52	-2.34	1.51	-2.49	-3.99	-2.10	-2.14	1.93	-9.99	7.75	-4.8269	
2665	1128	-1.31	0.07	-1.98	0.01	-0.33	-1.05	1.56	1.14	-3.01	-0.89	2.10	-2.49	-5.68	-1.85	3.41	-1.87	2.54	4.79	-4.8255	
2666	1036	-2.08	10.66	-2.50	0.01	-1.02	-3.17	1.56	-0.39	-5.46	-2.71	3.04	-2.49	-8.43	-3.33	2.30	-2.44	0.03	11.58	-4.8209	
2667	3385	0.67	4.68	0.04	-5.55	0.02	0.01	-0.34	6.60	0.31	-0.16	2.31	-2.49	-1.93	-0.47	-0.47	-0.70	-9.99	2.63	-4.8157	
2668	3371	0.28	6.58	-0.61	0.01	-0.33	1.07	-0.34	4.77	-1.19	-1.98	2.47	-2.49	-3.63	-1.97	-2.14	2.57	-15.00	7.10	-4.8146	
2669	1542	-0.95	-0.17	1.49	5.58	0.02	1.07	-0.94	-5.44	2.54	-0.16	-2.14	-2.81	0.58	-0.88	-1.58	3.06	0.03	-4.09	-4.8052	
2670	134	-1.28	1.46	-0.50	5.58	0.02	0.01	-0.94	-6.60	-0.89	-0.53	-2.57	-2.81	-3.29	-1.65	-1.58	0.12	12.56	-1.92	-4.7993	
2671	2358	-0.29	0.53	0.13	11.14	-0.33	-0.52	1.56	-1.29	-0.93	-1.25	0.57	-2.49	-3.33	-3.20	2.86	-3.62	-2.47	-1.88	-4.7973	
2672	2210	-1.00	7.58	-0.75	5.58	-2.06	0.54	-0.80	-4.97	-0.32	-1.98	-2.37	0.10	-2.64	-2.70	-1.03	0.60	-2.47	3.91	-4.7879	
2673	2908	-0.34	-8.23	0.45	5.58	-1.02	3.19	1.09	-6.26	0.75	0.93	-1.70	0.10	-1.45	-0.34	3.41	2.92	2.54	-6.40	-4.7704	
2674	836	0.35	-20.82	3.66	-11.11	0.36	1.07	-0.80	-1.56	3.10	2.75	-0.47	0.10	1.20	2.11	-1.58	4.66	25.08	-12.87	-4.7703	
2675	3232	0.57	4.70	-2.38	11.14	-0.68	0.01	-0.34	-1.66	-3.61	-0.53	1.47	-2.49	-6.35	0.04	-0.47	-2.84	-7.48	6.12	-4.7646	
2676	4431	2.00	-7.29	0.43	-5.55	-1.37	3.19	1.09	-7.07	2.62	0.57	-0.80	0.10	0.66	0.74	2.86	4.55	2.54	-4.03	-4.7562	
2677	2664	0.19	-10.37	1.86	11.14	1.06	1.07	1.56	-7.20	3.24	0.57	-0.56	1.30	1.34	-1.93	3.41	1.28	0.03	-12.75	-4.7515	
2678	3902	0.15	13.43	-1.73	0.01	-0.68	-1.05	1.56	-1.75	-2.29	-3.80	-0.11	-2.49	-4.86	-2.36	2.86	-4.03	-7.48	9.87	-4.7466	
2679	4548	-0.35	4.38	-2.19	0.01	0.02	-1.05	-0.34	0.77	-3.34	0.93	1.14	2.21	-6.04	4.96	-0.47	-0.85	-9.99	5.45	-4.7368	
2680	6046	-0.23	4.24	-1.63	5.58	1.06	-1.05	-0.94	6.90	-2.03	1.29	-2.50	2.65	-4.57	1.78	-1.58	-2.85	-12.49	1.67	-4.7016	
2681	3106	0.25	0.82	0.91	5.58	0.36	1.07	-0.94	-4.37	1.85	-0.89	-2.95	-2.81	-0.20	0.40	-1.58	2.24	-2.47	-1.98	-4.6929	
2682	3223	0.87	7.06	-1.94	0.01	-0.68	0.54	-0.34	-1.44	-1.14	-1.25	1.15	-2.49	-3.57	-0.94	-1.03	1.11	-7.48	6.85	-4.6885	
2683	2807	-0.81	4.72	0.37	-5.55	-1.72	1.60	1.09	-7.58	0.78	-1.62	-1.08	0.10	-1.41	-2.81	1.75	6.31	0.03	1.12	-4.6884	
2684	1076	-1.55	6.83	-3.62	0.01	-1.02	-2.64	1.56	-0.95	-5.08	-1.62	2.68	-0.95	-2.49	-8.01	-2.17	3.41	-3.25	2.54	10.68	-4.6811
2685	3411	0.81	2.75	-1.74	0.01	-0.33	1.60	-0.34	4.22	-0.81	-0.89	2.11	-2.49	-3.20	-0.81	-1.03	1.75	-12.49	6.19	-4.6748	
2686	2931	1.11	-18.79	4.32	-11.11	0.36	4.25	1.09	-3.03	5.89	-0.53	-2.59	0.10	4.34	-0.58	1.75	4.06	17.57	-12.87	-4.6652	
2687	4598	0.30	5.90	-0.95	0.01	-0.68	-3.70	-0.34	0.89	-1.34	-0.53	0.85	2.21	-3.77	3.70	-1.03	-3.23	-9.99	7.03	-4.6561	
2688	4380	0.10	3.34	-0.64	5.58	-1.37	1.07	1.09	-6.73	-2.38	-1.62	-1.57	0.10	-4.97	-0.55	2.30	1.55	-2.47	2.50	-4.6558	
2689	3263	0.34	11.88	-1.40	0.01	-0.68	1.07	-0.34	-0.89	-2.21	-2.71	0.70	-2.49	-4.78	-2.25	-2.14	1.32	-9.99	9.87	-4.6531	
2690	4635	-0.88	13.03	-2.06	-11.11	-0.33	-1.58	-0.34	5.11	-2.99	-1.25	2.73	2.21	-5.65	2.63	-2.14	3.18	-17.50	12.31	-4.6426	
2691	3701	0.14	-0.57	0.50	5.58	-1.37	1.60	-0.80	-3.05	1.27	-0.53	-2.31	0.10	-0.85	0.31	-0.47	1.34	-4.98	-0.57	-4.6410	
2692	1622	-0.95	0.82	0.91	5.58	0.02	2.13	-0.94	-5.44	1.85	-0.53	-2.95	-2.81	-0.21	-1.03	-1.58	2.45	0.03	-1.98	-4.6313	
2693	2856	-0.57	-1.47	-1.19	5.58	-1.72	1.60	1.09	-8.36	-1.31	0.20	-1.12	0.10	-3.77	-0.67	3.41	1.54	2.54	-0.51	-4.6260	
2694	2438	-0.29	1.52	-0.44	11.14	-0.33	0.54	1.56	-1.29	-1.62	-1.62	-0.24	-2.49	-4.12	-3.35	2.86	-4.23	-2.47	0.24	-4.6235	
2695	4767	-0.88	4.39	0.41	5.58	0.02	-1.05	-0.34	-4.45	1.00	-2.34	-1.08	6.00	-1.15	1.54	-2.14	4.48	-15.00	0.39	-4.6110	
2696	1067	-1.25	9.20	-3.18	-11.11	-1.02	-2.11	1.56	-0.73	-2.61	-2.34	2.37	-2.49	-5.23	-3.15	2.86	0.70	2.54	11.40	-4.6050	
2697	2295	1.76	-14.55	2.67	0.01	-0.33	6.37	-0.80	-4.15	5.99	1.29	-2.54	0.10	4.43	-1.58	-1.03	2.97	7.55	-12.75	-4.5907	
2698	2744	0.19	-9.38	1.28	11.14	1.06	2.13	1.56	-7.20	2.55	0.20	-1.37	1.30	0.56	-2.08	3.41	0.68	0.03	-10.64	-4.5777	
2699	1357	-1.92	5.88	-0.94	-5.55	-2.06	-2.11	1.09	-7.99	-0.53	-1.98	-2.06	0.10	-2.87	-2.03	3.41	0.29	10.05	4.64	-4.5712	
2700	1107	-1.78	14.02	-2.64	-11.11	-1.02	-1.58	1.56	-0.18	-3.68	-3.80	1.92	-2.49	-6.43	-4.46	1.75	0.91	0.03	14.42	-4.5697	
2701	1934	0.30	3.16	-1.09	5.58	0.36	-0.52	-0.34	5.19	-1.85	0.20	1.63	-2.49	-4.39	-2.91	-1.03	-3.36	-4.98	1.95	-4.5675	
2702	2847	-0.28	0.89	-0.75	-5.55	-1.72	2.13	1.09	-8.14	1.16	-0.53	-1.44	0.10	-0.99	-1.65	2.86	5.50	2.54	0.22	-4.5499	
2703	3054	0.01	7.58	-0.73	5.58	-0.33	-0.52	-0.94	-6.46	-0.22	-1.62	-2.37	-2.81	-2.53	0.08	-1.58	0.86	-2.47	3.91	-4.5485	
2704	3252	1.16	2.63	0.02	5.58	-0.33	1.07	-0.34	-0.39	-1.98	-0.16	1.42	-2.49	-4.52	-0.62	-1.58	-0.62	-4.98	1.59	-4.5266	
2705	5990	-0.99	14.52	-1.95	-5.55	0.71	-3.17	-0.94	6.38	-1.52	-0.16	-1.89	2.65	-3.98	1.42	-1.58	-1.26	-15.00	7.78	-4.5219	
2706	831	0.41	-13.40	1.66	-5.55	-1.37	4.25	-0.80	-5.37	4.15	1.66	-1.06	0.10	2.38	-0.51	-1.03	5.91	12.56	-8.51	-4.5178	
2707	2887	-0.81	5.71	-0.20	-5.55	-1.72	2.66	1.09	-7.58	0.08	-1.98	-1.89	0.10	-2.20	-2.95	1.75	5.70	0.03	3.23	-4.5146	
2708	693	-1.38	-1.56	0.06	5.58	-1.37	-1.05	-0.80	-4.25	-0.28	0.20	-1.45	0.10	-2.60	-1.66	-0.47	0.41	10.05	-4.03	-4.5061	
2709	6114	0.93	-9.00	1.99	-11.11	2.79	-0.52	-0.94	10.93	3.59	0.93	-3.40	2.65	1.77	3.65	-1.58	-3.51	2.54	-6.20	-4.4987	
2710	1570	-1.19	7.58	-0.73	5.58	-0.68	0.54	-0.94	-7.53	-0.22	-1.25	-2.37	-2.81	-2.54	-1.35	-1.58	1.07	0.03	3.91	-4.4870	
2711	2386	-0.53	8.28	-2.08	11.14	-1.02	-1.05	1.56	-3.38	-3.69	-2.34	0.34	-2.49	-6.44	-3.68	2.86	-5.61	-2.47	6.12	-4.4791	
2712	196	0.16	-20.82	3.68	-11.11	1.75	1.07	-0.94	-4.12	3.19	3.48	-0.47	-2.81	1.30	3.45	-2.14	5.13	27.58	-12.87	-4.4693	
2713	2967	1.39	-9.36	2.83	-11.11	-1.37	5.31	1.09	-6.87	4.25	1.29	-0.85	0.10	2.48	-1.35	1.75	6.98	7.55	-8.56	-4.4634	
2714	1712	-0.63	3.06	-1.42	11.14	-0.68	-0.52	-0.34	-1.71	-2.43	0.20	1.95	-2.49	-5.02	-1.31	-0.47	-1.44	-4.98	2.61	-4.4618	
2715	4605	0.24	-2.25	0.30	0.01	-0.33	-1.58	-0.34	1.74	0.25	1.29	0.91	2.21	-2.00	5.28	-0.47	-2.29	-9.99	2.54	-4.4543	
2716	1976	-0.45	-5.32	0.65	-5.55	1.40	-1.05	-0.34	7.99	-1.38	0.57	2.38	-2.49	-3.84	0.31	-1.58	1.29	2.54	0.44	-4.4507	
2717	2961	1.43	-15.03	2.32	0.01	-0.33	3.19	1.09	-5.24	3.17	3.48	-1.22	0.10	1.26	0.21	3.41	0.39	10.05	-12.75	-4.4471	
2718	1096	-0.96	4.77	-1.22	-5.55	-0.68	-1.58	1.56	0.32	-3.46	-1.25	2.63	-2.49	-6.18	-2.83	2.30	-1.02	5.04	6.15	-4.4432	
2719	740	-0.96	-7.59	0.05	5.58	-1.37	1.60	-0.80	-5.59	0.22	0.93	-1.38	0.10	-2.04	-0.49	-0.47	2.71	10.05	-4.99	-4.4424	
2720	4847	-0.88	5.38	-0.17	5.58	0.02	0.01	-0.34	-4.45	0.31	-2.71	-1.89	6.00	-1.93	1.40	-2.14	3.87	-15.00	2.50	-4.4372	
2721	3959	1.41	4.34	-0.60	0.01	-1.02	-0.52	1.56	-4.16	-1.20	-1.98	1.66	-2.49	-3.64	-1.47	1.75	-0.12	-4.98	7.03	-4.4105	
2722	2597	-1.65	13.20	-2.78	0.01	-1.02	-2.11	1.56	1.55	-3.54	-2.71	1.42	-2.49	-6.2							

2725	337	-0.05	-13.10	2.77	-5.55	1.06	-1.58	-0.34	3.21	3.47	-0.89	-0.50	3.21	-2.49	1.64	-0.45	-0.47	-4.94	20.07	6.23	-4.3749
2726	3139	2.77	-14.55	2.69	0.01	1.40	5.31	-0.94	-5.65	6.09	1.66	-2.54	-2.81	4.54	1.20	-1.58	3.23	7.55	12.75	Exhibit JP-2	-4.3513
2727	6070	-0.99	15.51	-2.53	-5.55	0.71	-2.11	-0.94	6.38	-2.21	-0.53	-2.70	2.65	-4.77	1.27	-1.58	-1.86	-15.00	9.89		-4.3481
2728	2181	-1.06	-2.20	1.47	5.58	-1.37	1.07	-0.80	-3.10	2.45	0.20	-1.82	0.10	0.48	-1.04	-0.47	2.74	-2.47	-4.09		-4.3382
2729	773	-1.38	-0.57	-0.52	5.58	-1.37	0.01	-0.80	-4.25	-0.97	-0.16	-2.26	0.10	-3.38	-1.81	-0.47	-0.20	10.05	-1.92		-4.3323
2730	3877	0.62	0.13	-0.83	11.14	-0.33	0.01	1.56	-1.46	-2.10	-0.89	0.40	-2.49	-4.65	-0.67	3.41	-4.86	-4.98	1.64		-4.3322
2731	667	0.94	-14.55	2.49	0.01	0.71	3.19	-0.34	-6.31	5.94	0.93	-0.73	1.30	4.38	-2.25	-1.03	3.67	10.05	-12.75		-4.3250
2732	1212	-1.07	-12.98	2.53	0.01	1.40	-1.58	1.56	-5.41	1.90	-1.62	-1.10	1.30	-0.13	-1.22	2.30	1.55	17.57	-9.35		-4.3242
2733	6150	1.20	0.44	0.50	-11.11	1.06	0.54	-0.94	7.09	1.95	2.75	-1.66	2.65	-0.08	2.87	-1.58	-0.59	-7.48	-1.90		-4.2969
2734	270	-0.91	2.17	-0.85	11.14	-0.68	-1.05	-0.34	-0.61	-2.16	-1.62	0.09	-2.49	-4.71	-3.50	-1.03	-4.44	5.04	1.64		-4.2955
2735	1655	1.57	-14.55	2.69	0.01	1.06	6.37	-0.94	-6.72	6.09	2.02	-2.54	-2.81	4.53	-0.23	-1.58	3.43	10.05	-12.75		-4.2898
2736	1792	-0.63	4.05	-1.99	11.14	-0.68	0.54	-0.34	-1.71	-3.12	-0.16	1.14	-2.49	-5.80	-1.46	-0.47	-2.05	-4.98	4.72		-4.2879
2737	2518	-1.35	14.24	-2.20	0.01	-1.02	-2.11	1.56	1.77	-2.85	-3.43	1.92	-2.49	-5.49	-3.91	2.86	-3.37	-9.99	11.58		-4.2871
2738	998	-0.37	-0.21	0.30	0.01	-1.02	-1.58	1.56	-3.33	0.24	-1.98	0.60	-2.49	-2.00	-2.84	2.86	-4.10	7.55	2.54		-4.2656
2739	576	-0.43	-8.73	0.88	11.14	0.71	0.54	-0.34	-6.53	2.01	0.20	-1.05	1.30	-0.04	-2.22	-0.47	0.46	7.55	-9.24		-4.2497
2740	2318	1.08	-17.24	3.95	-11.11	0.36	2.13	-0.80	0.60	5.70	2.02	-1.59	0.10	4.14	1.53	-1.03	3.73	15.06	-12.87		-4.2365
2741	1732	-0.04	0.99	0.99	5.58	-0.33	0.54	-0.34	-0.44	-0.80	0.57	1.90	-2.49	-3.19	-1.97	-1.58	0.78	-2.47	-1.92		-4.2238
2742	4446	2.93	-13.00	2.32	0.01	0.02	3.19	1.09	-3.95	3.17	2.02	-1.54	0.10	1.26	0.46	2.86	0.03	7.55	-12.75		-4.2211
2743	481	-2.03	7.09	-1.54	0.01	-0.68	-2.11	-0.34	4.31	-2.01	-1.98	1.17	-2.49	-4.54	-2.70	-0.47	-2.66	-2.47	9.21		-4.2195
2744	191	0.22	-13.40	1.68	-5.55	0.02	4.25	-0.94	-7.94	4.24	2.38	-1.06	-2.81	2.48	0.84	-1.58	6.38	15.06	-8.51		-4.2168
2745	53	-1.57	-1.56	0.08	5.58	0.02	-1.05	-0.94	-6.82	-0.19	0.93	-1.45	-2.81	-2.49	-0.31	-1.03	0.88	12.56	-4.03		-4.2052
2746	1971	-0.39	2.10	-1.35	0.01	-0.33	2.13	-0.34	4.17	-0.32	-0.53	1.79	-2.49	-2.66	-2.31	-1.03	2.54	-9.99	4.79		-4.1982
2747	1879	-1.16	12.69	-1.86	0.01	-1.02	0.01	-0.34	2.63	-2.77	-2.34	2.73	-2.49	-5.41	-3.80	-2.14	1.97	-12.49	11.58		-4.1936
2748	5906	-0.46	18.99	-5.34	-11.11	0.36	-3.70	-0.94	15.39	-7.60	1.66	1.56	-1.14	-10.85	2.47	-1.58	-4.95	-15.00	18.07		-4.1812
2749	4082	-0.15	15.23	-2.78	0.01	-0.68	-2.11	1.56	2.83	-3.54	-4.16	1.11	-2.49	-6.27	-2.63	2.86	-4.18	-12.49	13.69		-4.1771
2750	373	0.22	-3.67	1.28	-5.55	-0.68	-0.52	-0.34	-0.63	1.83	0.93	1.24	-2.49	-0.22	-1.22	-0.47	-2.02	10.05	-1.92		-4.1731
2751	359	-0.17	-1.77	0.63	0.01	-1.02	0.54	-0.34	-2.46	0.32	-0.89	1.41	-2.49	-1.92	-2.72	-2.14	1.24	5.04	2.54		-4.1720
2752	4728	-0.64	6.18	-3.23	0.01	0.02	-2.11	-0.34	5.36	-4.59	0.57	2.36	2.21	-7.45	4.69	-0.47	-1.00	-15.00	9.27		-4.1674
2753	2261	-1.06	-1.21	0.89	5.58	-1.37	2.13	-0.80	-3.10	1.76	-0.16	-2.64	0.10	-0.31	-1.19	-0.47	2.13	-2.47	-1.98		-4.1644
2754	3821	-0.15	10.41	-1.16	0.01	-0.68	-2.11	1.56	-1.97	-1.59	-2.34	1.02	-2.49	-4.07	-1.03	3.41	-3.26	-7.48	7.75		-4.1526
2755	100	-1.15	-7.59	0.07	5.58	0.02	1.60	-0.94	-8.15	0.31	1.66	-1.38	-2.81	-1.94	0.86	-1.03	3.18	12.56	-4.99		-4.1415
2756	4009	-0.21	6.10	-0.95	0.01	-0.33	-1.05	1.56	3.69	-1.27	-1.98	1.98	-2.49	-3.71	-0.90	3.41	-2.63	-12.49	7.10		-4.1402
2757	4986	0.05	-4.00	0.35	5.58	-0.68	0.54	-0.80	-0.95	0.14	0.93	-2.50	4.80	-2.13	4.16	-1.03	1.40	-4.98	-4.99		-4.1199
2758	214	-1.68	12.45	-1.17	0.01	-1.02	-3.17	-0.34	-1.13	-1.65	-3.07	0.70	-2.49	-4.13	-3.86	-1.03	-2.85	2.54	7.75		-4.1159
2759	3666	0.44	-0.17	1.47	5.58	-1.02	1.07	-0.80	-1.81	2.45	-1.25	-2.14	0.10	0.48	-0.80	-1.03	2.38	-4.98	-4.09		-4.1123
2760	402	-1.74	8.13	-0.96	0.01	-0.68	-2.11	-0.34	4.53	-1.32	-2.71	1.66	-2.49	-3.77	-3.73	-1.03	-2.21	-2.47	7.10		-4.1036
2761	5816	0.88	-1.02	-1.96	0.01	0.71	0.01	-0.94	10.27	-2.92	3.11	0.04	-1.14	-5.58	4.21	-1.03	-6.07	-7.48	4.79		-4.1015
2762	3025	-0.05	-2.20	1.49	5.58	0.36	0.01	-0.94	-4.59	2.55	0.57	-1.82	-2.81	0.59	1.74	-1.03	3.01	-2.47	-4.09		-4.0988
2763	3443	0.04	13.68	-2.44	0.01	-0.68	0.01	-0.34	3.70	-3.46	-3.07	1.92	-2.49	-6.19	-2.51	-2.14	1.16	-15.00	13.69		-4.0836
2764	429	-2.27	13.85	-3.18	0.01	-1.37	-3.70	-0.34	2.22	-4.08	-2.71	1.75	-2.49	-6.87	-3.02	-0.47	-4.04	-2.47	15.10		-4.0751
2765	1207	-1.01	-5.55	0.53	5.58	-0.33	1.60	1.56	-9.22	2.96	-2.71	-1.69	1.30	1.05	-3.84	2.86	2.80	5.04	-4.99		-4.0717
2766	1919	-0.63	8.86	-2.99	0.01	-1.02	0.54	-0.34	2.08	-2.39	-1.25	2.37	-2.49	-4.99	-2.64	-1.03	1.16	-9.99	10.68		-4.0538
2767	1812	-0.04	1.98	0.41	5.58	-0.33	1.60	-0.34	-0.44	-1.49	0.20	1.09	-2.49	-3.97	-2.12	-1.58	0.17	-2.47	0.19		-4.0500
2768	1541	-1.25	-2.20	1.49	5.58	0.02	1.07	-0.94	-5.66	2.55	0.93	-1.82	-2.81	0.58	0.30	-1.03	3.21	0.03	-4.09		-4.0373
2769	133	-1.57	-0.57	-0.49	5.58	0.02	0.01	-0.94	-6.82	-0.88	0.57	-2.26	-2.81	-3.28	-0.46	-1.03	0.27	12.56	-1.92		-4.0314
2770	2357	-0.59	-1.50	0.14	11.14	-0.33	-0.52	1.56	-1.50	-0.92	-0.16	0.89	-2.49	-3.32	-2.02	3.41	-3.46	-2.47	-1.88		-4.0294
2771	692	-1.72	2.35	-0.08	5.58	-1.72	-1.05	-0.80	-6.11	-1.74	-0.89	-0.76	0.10	-4.24	-2.04	-1.58	2.73	7.55	0.39		-4.0251
2772	2209	-1.30	5.54	-0.75	5.58	-2.06	0.54	-0.80	-5.19	-0.31	-0.89	-2.06	0.10	-2.63	-1.52	-0.47	0.75	-2.47	3.91		-4.0200
2773	3162	2.09	-17.24	3.98	-11.11	2.10	1.07	-0.94	-0.89	5.80	2.38	-1.59	-2.81	4.25	4.30	-1.58	3.99	15.06	-12.87		-3.9971
2774	4784	-0.17	-14.61	3.50	0.01	2.45	-2.11	-0.34	0.90	3.09	0.93	-0.62	6.00	1.21	5.80	-1.58	4.40	0.03	-12.87		-3.9842
2775	3901	-0.15	11.40	-1.73	0.01	-0.68	-1.05	1.56	-1.97	-2.28	-2.71	0.21	-2.49	-4.85	-1.18	3.41	-3.87	-7.48	9.87		-3.9787
2776	860	-1.25	3.39	-1.61	0.01	-0.68	-2.11	1.56	-4.51	-2.65	-0.89	1.95	-2.49	-5.26	-1.83	3.41	-1.90	7.55	3.33		-3.9540
2777	823	0.18	-7.29	0.41	-5.55	-1.72	2.13	-0.80	-6.44	2.57	0.93	-0.80	0.10	0.61	-0.91	-1.03	5.12	12.56	-4.03		-3.9516
2778	4312	0.87	-9.22	1.03	5.58	-0.68	2.13	1.09	-5.20	1.45	0.93	-0.89	0.10	-0.65	1.24	3.41	3.33	0.03	-8.51		-3.9504
2779	294	-1.68	13.43	-1.75	0.01	-1.02	-2.11	-0.34	-1.13	-2.34	-3.43	-0.11	-2.49	-4.91	-4.01	-1.03	-3.46	2.54	9.87		-3.9420
2780	1048	-1.31	-0.92	-1.40	0.01	-0.33	-1.05	1.56	1.14	-2.32	-0.53	2.91	-2.49	-4.90	-1.70	3.41	-1.26	2.54	2.68		-3.9417
2781	4930	-0.72	6.28	0.02	-5.55	-1.02	-1.58	-0.80	-1.47	0.65	-0.53	-1.89	4.80	-1.54	3.80	-1.03	3.00	-7.48	1.12		-3.9402
2782	3746	0.44	0.82	0.89	5.58	-1.02	2.13	-0.80	-1.81	1.76	-1.62	-2.95	0.10	-0.31	-0.94	-1.03	1.78	-4.98	-1.98		-3.9384
2783	1678	0.89	-17.24	3.98	-11.11	1.75	2.13	-0.94	-1.96	5.80	2.75	-1.59	-2.81	4.24	2.87	-1.58	4.20	17.57	-12.87		-3.9356
2784	6045	-0.52	2.21	-1.63	5.58	1.06	-1.05	-0.94	6.68	-2.03	2.38	-2.19	2.65	-4.56	2.97	-1.03	-2.70	-12.49	1.67		-3.9337
2785	4748	-0.05	4.12	-0.83	-5.55	0.36	-1.05	-0.34	6.63	-2.96	0.93	2.31	2.21	-5.62	4.03	-1.58	1.22	-12.49	4.74		-3.9294
2786	4822	0.58	-5.15	1.18	11.14	1.40	-0.52	-0.34	-												

2790	4597	0.00	3.87	-0.95	0.01	-0.68	-3.70	-0.34	0.67	1.33	0.57	1.17	2.21	-3.76	4.89	-0.47	-3.08	-9.99	7.03	-3.8882
2791	1621	-1.25	-1.21	0.91	5.58	0.02	2.13	-0.94	-5.66	1.85	0.57	-2.64	-2.81	-0.20	0.15	-1.03	2.60	0.03	-1.98	-3.8634
2792	2437	-0.59	-0.51	-0.44	11.14	-0.33	0.54	1.56	-1.50	-1.62	-0.53	0.08	-2.49	-4.11	-2.17	3.41	-4.07	-2.47	0.24	-3.8556
2793	772	-1.72	3.34	-0.65	5.58	-1.72	0.01	-0.80	-6.11	-2.43	-1.25	-1.57	0.10	-5.03	-2.19	-1.58	2.12	7.55	2.50	-3.8512
2794	3876	0.28	4.05	-0.97	11.14	-0.68	0.01	1.56	-3.31	-3.56	-1.98	1.09	-2.49	-6.30	-1.05	2.30	-2.54	-7.48	6.06	-3.8512
2795	1939	-0.04	6.80	-0.59	-5.55	-0.68	1.60	-0.34	3.34	-0.77	-0.89	2.32	-2.49	-3.15	-3.30	-2.14	3.38	-7.48	6.15	-3.8159
2796	4864	-0.17	-13.62	2.92	0.01	2.45	-1.05	-0.34	0.90	2.40	0.57	-1.43	6.00	0.42	5.65	-1.58	3.79	0.03	-10.75	-3.8104
2797	3842	0.91	0.53	0.13	11.14	0.02	-0.52	1.56	-0.22	-0.93	-1.62	0.57	-2.49	-3.32	-1.77	2.86	-3.82	-4.98	-1.88	-3.8035
2798	1933	0.00	1.13	-1.09	5.58	0.36	-0.52	-0.34	4.98	-1.84	1.29	1.94	-2.49	-4.38	-1.73	-0.47	-3.20	-4.98	1.95	-3.7996
2799	3694	0.20	7.58	-0.75	5.58	-1.72	0.54	-0.80	-3.90	-0.31	-2.34	-2.37	0.10	-2.63	-1.27	-1.03	0.40	-4.98	3.91	-3.7941
2800	2694	-0.35	-9.39	2.82	0.01	1.40	-0.52	1.56	-3.25	4.51	-2.34	-2.23	1.30	2.81	-1.80	2.86	0.61	7.55	-9.35	-3.7904
2801	3053	-0.28	5.54	-0.72	5.58	-0.33	-0.52	-0.94	-6.68	-0.21	-0.53	-2.06	-2.81	-2.52	1.26	-1.03	1.02	-2.47	3.91	-3.7806
2802	940	-1.25	4.38	-2.19	0.01	-0.68	-1.05	1.56	-4.51	-3.34	-1.25	1.14	-2.49	-6.04	-1.98	3.41	-2.51	7.55	5.45	-3.7801
2803	4392	0.87	-8.23	0.45	5.58	-0.68	3.19	1.09	-5.20	0.76	0.57	-1.70	0.10	-1.44	1.09	3.41	2.72	0.03	-6.40	-3.7765
2804	5010	-0.72	7.26	-0.55	-5.55	-1.02	-0.52	-0.80	-1.47	-0.04	-0.89	-2.70	4.80	-2.33	3.65	-1.03	2.39	-7.48	3.23	-3.7664
2805	4148	1.40	-10.37	1.86	11.14	1.40	1.07	1.56	-6.13	3.24	0.20	-0.56	1.30	1.35	-0.50	3.41	1.08	-2.47	-12.75	-3.7577
2806	5989	-1.29	12.49	-1.95	-5.55	0.71	-3.17	-0.94	6.16	-1.51	0.93	-1.57	2.65	-3.97	2.60	-1.03	-1.10	-15.00	7.78	-3.7540
2807	4779	-0.11	-7.19	1.50	5.58	0.71	1.07	-0.34	-2.91	4.14	-0.16	-1.21	6.00	2.39	3.18	-1.03	5.65	-12.49	-8.51	-3.7317
2808	6113	0.63	-11.03	1.99	-11.11	2.79	-0.52	-0.94	10.71	3.60	2.02	-3.09	2.65	1.78	4.83	-1.03	-3.36	2.54	-6.20	-3.7308
2809	2492	0.92	-14.65	2.48	-5.55	1.06	-0.52	1.56	0.13	0.88	1.66	2.12	-2.49	-1.29	1.35	2.30	0.00	12.56	-6.23	-3.7289
2810	52	-1.91	2.35	-0.05	5.58	-0.33	-1.05	-0.94	-8.67	-1.64	-0.16	-0.76	-2.81	-4.14	-0.70	-2.14	3.20	10.05	0.39	-3.7241
2811	1569	-1.49	5.54	-0.73	5.58	-0.68	0.54	-0.94	-7.75	-0.22	-0.16	-2.06	-2.81	-2.53	-0.17	-1.03	1.22	0.03	3.91	-3.7191
2812	5090	1.48	-7.80	2.48	-11.11	-0.68	2.13	-0.80	-0.76	4.12	2.38	-1.66	4.80	2.35	5.25	-1.03	3.66	0.03	-8.56	-3.7152
2813	2385	-0.82	6.24	-2.08	11.14	-1.02	-1.05	1.56	-3.59	-3.69	-1.25	0.66	-2.49	-6.43	-2.50	3.41	-5.45	-2.47	6.12	-3.7112
2814	990	-0.60	5.90	-0.95	0.01	-1.37	-3.70	1.56	-4.40	-1.34	-2.71	0.85	-2.49	-3.77	-3.24	2.86	-4.89	7.55	7.03	-3.6994
2815	2055	-0.16	-10.94	3.16	0.01	1.40	1.60	-0.34	-2.38	4.59	-1.25	-1.42	1.30	2.89	-1.68	-2.14	5.96	5.04	-9.35	-3.6969
2816	4291	0.39	4.72	0.37	-5.55	-1.37	1.60	1.09	-6.51	0.78	-1.98	-1.08	0.10	-1.41	-1.37	1.75	6.11	-2.47	1.12	-3.6946
2817	1027	-1.78	13.03	-2.06	-11.11	-1.02	-1.58	1.56	-0.18	-2.99	-3.43	2.73	-2.49	-5.65	-4.31	1.75	1.52	0.03	12.31	-3.6859
2818	4415	2.31	-18.79	4.32	-11.11	0.71	4.25	1.09	-1.97	5.89	-0.89	-2.59	0.10	4.34	0.86	1.75	3.85	15.06	-12.87	-3.6713
2819	1856	1.56	-10.41	0.84	5.58	0.36	1.60	-0.34	-0.99	0.98	3.48	2.18	-2.49	-1.20	0.35	-0.47	-1.09	2.54	-6.12	-3.6544
2820	1159	-1.78	4.39	0.41	5.58	-0.68	-1.05	1.56	-9.74	1.00	-4.53	-1.08	1.30	-1.15	-5.39	1.75	2.82	2.54	0.39	-3.6543
2821	183	-0.01	-7.29	0.44	-5.55	-0.33	2.13	-0.94	-9.01	2.67	1.66	-0.80	-2.81	0.72	0.44	-1.58	5.59	15.06	-4.03	-3.6507
2822	4340	0.63	-1.47	-1.19	5.58	-1.37	1.60	1.09	-7.29	-1.31	-0.16	-1.12	0.10	-3.77	0.76	3.41	1.34	0.03	-0.51	-3.6322
2823	3922	0.91	1.52	-0.44	11.14	0.02	0.54	1.56	-0.22	-1.62	-1.98	-0.24	-2.49	-4.11	-1.92	2.86	-4.43	-4.98	0.24	-3.6296
2824	351	-0.41	4.34	-0.62	0.01	-1.37	-1.58	-0.34	-3.53	-1.25	-1.62	1.66	-2.49	-3.69	-3.12	-2.14	0.45	5.04	7.03	-3.6059
2825	3779	2.96	-14.55	2.67	0.01	0.02	6.37	-0.80	-3.09	6.00	0.93	-2.54	0.10	4.43	-0.15	-1.03	2.76	5.04	-12.75	-3.5969
2826	4228	1.40	-9.38	1.28	11.14	1.40	2.13	1.56	-6.13	2.55	-0.16	-1.37	1.30	0.57	-0.65	3.41	0.47	-2.47	-10.64	-3.5838
2827	6069	-1.29	13.48	-2.53	-5.55	0.71	-2.11	-0.94	6.16	-2.21	0.57	-2.38	2.65	-4.76	2.45	-1.03	-1.71	-15.00	9.89	-3.5802
2828	3418	1.50	3.16	-1.09	5.58	0.71	-0.52	-0.34	6.26	-1.84	-0.16	1.63	-2.49	-4.38	-1.48	-1.03	-3.56	-7.48	1.95	-3.5736
2829	1896	-0.45	-6.31	1.22	-5.55	1.40	-1.05	-0.34	7.99	-0.69	0.93	3.19	-2.49	-3.05	0.46	-1.58	1.89	2.54	-1.68	-3.5669
2830	4859	-0.11	-6.20	0.92	5.58	0.71	2.13	-0.34	-2.91	3.45	-0.53	-2.02	6.00	1.60	3.03	-1.03	5.05	-12.49	-6.40	-3.5579
2831	4331	0.93	0.89	-0.75	-5.55	-1.37	2.13	1.09	-7.07	1.16	-0.89	-1.44	0.10	-0.98	-0.22	2.86	5.29	0.03	0.22	-3.5561
2832	132	-1.91	3.34	-0.63	5.58	-0.33	0.01	-0.94	-8.67	-2.34	-0.53	-1.57	-2.81	-4.92	-0.85	-2.14	2.59	10.05	2.50	-3.5503
2833	2356	-0.92	2.41	0.00	11.14	-0.68	-0.52	1.56	-3.35	-2.38	-1.25	1.57	-2.49	-4.97	-2.40	2.30	-1.15	-4.98	2.54	-3.5484
2834	6149	0.91	-1.59	0.50	-11.11	1.06	0.54	-0.94	6.87	1.96	3.84	-1.35	2.65	-0.08	4.06	-1.03	-0.44	-7.48	-1.90	-3.5290
2835	6135	0.51	0.31	-0.15	-5.55	0.71	1.60	-0.94	5.04	0.45	2.02	-1.18	2.65	-1.78	2.56	-2.69	2.83	-12.49	2.57	-3.5279
2836	269	-1.20	0.13	-0.84	11.14	-0.68	-1.05	-0.34	-0.83	-2.16	-0.53	0.40	-2.49	-4.71	-2.31	-0.47	-4.29	5.04	1.64	-3.5276
2837	4371	0.39	5.71	-0.20	-5.55	-1.37	2.66	1.09	-6.51	0.09	-2.34	-1.89	0.10	-2.19	-1.52	1.75	5.50	-2.47	3.23	-3.5208
2838	2517	-1.65	12.21	-2.20	0.01	-1.02	-2.11	1.56	1.55	-2.85	-2.34	2.23	-2.49	-5.49	-2.73	3.41	-3.22	-9.99	11.58	-3.5192
2839	997	-0.66	-2.25	0.30	0.01	-1.02	-1.58	1.56	-3.55	0.25	-0.89	0.91	-2.49	-2.00	-1.66	3.41	-3.95	7.55	2.54	-3.4977
2840	2174	-1.00	5.94	0.22	5.58	-1.72	0.01	-0.80	-3.95	0.87	-1.62	-1.89	0.10	-1.30	-2.62	-1.03	1.79	-2.47	0.39	-3.4913
2841	3870	0.68	8.28	-2.08	11.14	-0.68	-1.05	1.56	-2.31	-3.69	-2.71	0.34	-2.49	-6.44	-2.25	2.86	-5.81	-4.98	6.12	-3.4853
2842	1239	-1.78	5.38	-0.17	5.58	-0.68	0.01	1.56	-9.74	0.31	-4.89	-1.89	1.30	-1.93	-5.54	1.75	2.21	2.54	2.50	-3.4805
2843	2487	0.98	-7.23	0.49	0.01	-0.68	2.66	1.56	-3.69	1.93	0.57	1.53	-2.49	-0.11	-1.27	2.86	1.25	0.03	-1.88	-3.4764
2844	4451	2.59	-9.36	2.83	-11.11	-1.02	5.31	1.09	-5.80	4.25	0.93	-0.85	0.10	2.49	0.08	1.75	6.77	5.04	-8.56	-3.4696
2845	2317	0.78	-19.27	3.96	-11.11	0.36	2.13	-0.80	0.38	5.71	3.11	-1.28	0.10	4.15	2.71	-0.47	3.88	15.06	-12.87	-3.4686
2846	3196	0.57	3.06	-1.41	11.14	-0.33	-0.52	-0.34	-0.64	-2.42	-0.16	1.95	-2.49	-5.01	0.12	-0.47	-1.65	-7.48	2.61	-3.4679
2847	3460	0.75	-5.32	0.65	-5.55	1.75	-1.05	-0.34	9.05	-1.37	0.20	2.38	-2.49	-3.83	1.74	-1.58	1.08	0.03	0.44	-3.4569
2848	4445	2.63	-15.03	2.32	0.01	0.02	3.19	1.09	-4.17	3.18	3.11	-1.22	0.10	1.26	1.65	3.41	0.19	7.55	-12.75	-3.4532
2849	6044	-0.86	6.13	-1.76	5.58	0.71	-1.05	-0.94	4.83	-3.48	1.29	-1.50	2.65	-6.20	2.58	-2.14	-0.38	-15.00	6.09	-3.4526
2850	838	1.11	-13.00	2.31	0.01	-0.33	2.13	-0.80	-3.33	3.12	2.38	-1.54	0.10	1.20	-1.19	-1.03	0.60	17.57	-12.75	-3.4166
2851	4807	-0.35	0.56	-0.72	5.58	0.02	0.54	-0.34	-5.01	1.38	-1.25	-1.44	6.00	-0.72	2.70	-1.03	3.67	-12.49	-0.51	-3.4135
2852	5905	-0.76	16.96	-5.34	-11.11	0.36	-3.70	-0.94	15.17	-7.60	2.75	1.87	-1.14	-10.84	3.65					

2855	4360	1.22	-3.54	1.21	0.01	-1.02	2.66	1.09	-6.02	0.32	0.20	-1.17	0.10	-1.93	0.10	2.30	3.57	2.54	5.04	-3.3943
2856	2436	-0.92	3.40	-0.58	11.14	-0.68	0.54	1.56	-3.35	-3.07	-1.62	0.76	-2.49	-5.75	-2.55	2.30	-1.76	-4.98	4.66	-3.3745
2857	474	-1.97	15.23	-2.79	0.01	-1.02	-3.17	-0.34	3.46	-3.59	-3.80	1.11	-2.49	-6.32	-4.28	-1.03	-3.61	-2.47	13.69	-3.3726
2858	4985	-0.24	-6.04	0.35	5.58	-0.68	0.54	-0.80	-1.17	0.14	2.02	-2.19	4.80	-2.12	5.35	-0.47	1.55	-4.98	-4.99	-3.3520
2859	213	-1.97	10.41	-1.17	0.01	-1.02	-3.17	-0.34	-1.34	-1.64	-1.98	1.02	-2.49	-4.12	-2.68	-0.47	-2.69	2.54	7.75	-3.3480
2860	3665	0.14	-2.20	1.47	5.58	-1.02	1.07	-0.80	-2.03	2.46	-0.16	-1.82	0.10	0.48	0.39	-0.47	2.54	-4.98	-4.09	-3.3444
2861	401	-2.03	6.10	-0.96	0.01	-0.68	-2.11	-0.34	4.31	-1.32	-1.62	1.98	-2.49	-3.76	-2.55	-0.47	-2.06	-2.47	7.10	-3.3356
2862	4592	1.69	-10.41	0.85	5.58	1.06	0.54	-0.34	1.48	1.04	2.02	0.37	2.21	-1.13	4.85	-0.47	-4.08	-2.47	-6.12	-3.3349
2863	2820	-0.57	-3.11	-0.22	5.58	-1.37	1.07	1.09	-7.33	-0.13	0.57	-0.64	0.10	-2.44	-0.59	3.41	2.74	2.54	-4.03	-3.3294
2864	1703	-0.34	5.43	-0.98	0.01	-0.68	1.07	-0.34	-1.49	0.04	-0.53	1.64	-2.49	-2.24	-2.29	-1.03	2.51	-4.98	3.33	-3.3267
2865	2254	-1.00	6.93	-0.36	5.58	-1.72	1.07	-0.80	-3.95	0.18	-1.98	-2.70	0.10	-2.09	-2.77	-1.03	1.18	-2.47	2.50	-3.3175
2866	1891	-0.39	1.11	-0.77	0.01	-0.33	2.13	-0.34	4.17	0.37	-0.16	2.60	-2.49	-1.87	-2.16	-1.03	3.15	-9.99	2.68	-3.3144
2867	3276	0.57	4.05	-1.99	11.14	-0.33	0.54	-0.34	-0.64	-3.11	-0.53	1.14	-2.49	-5.80	-0.03	-0.47	-2.26	-7.48	4.72	-3.2941
2868	4002	-0.15	14.24	-2.20	0.01	-0.68	-2.11	1.56	2.83	-2.85	-3.80	1.92	-2.49	-5.49	-2.48	2.86	-3.57	-12.49	11.58	-3.2933
2869	4648	-0.64	5.19	-2.65	0.01	0.02	-2.11	-0.34	5.36	-3.90	0.93	3.17	2.21	-6.67	4.84	-0.47	-0.40	-15.00	7.16	-3.2835
2870	3018	0.01	5.94	0.24	5.58	0.02	-1.05	-0.94	-5.44	0.97	-1.25	-1.89	-2.81	-1.19	0.15	-1.58	2.06	-2.47	0.39	-3.2519
2871	3802	2.28	-17.24	3.95	-11.11	0.71	2.13	-0.80	1.67	5.71	1.66	-1.59	0.10	4.14	2.96	-1.03	3.52	12.56	-12.87	-3.2427
2872	6090	-0.23	3.59	-1.24	5.58	1.40	-0.52	-0.94	7.92	-1.54	1.29	-2.83	2.65	-4.02	1.71	-1.58	-2.27	-12.49	0.26	-3.2311
2873	2384	-1.16	10.16	-2.22	11.14	-1.37	-1.05	1.56	-5.45	-5.14	-2.34	1.34	-2.49	-8.08	-2.88	2.30	-3.14	-4.98	10.54	-3.2302
2874	3216	1.16	0.99	0.99	5.58	0.02	0.54	-0.34	0.63	-0.79	0.20	1.90	-2.49	-3.18	-0.54	-1.58	0.58	-4.98	-1.92	-3.2300
2875	3161	1.80	-19.27	3.98	-11.11	2.10	1.07	-0.94	-1.11	5.81	3.48	-1.28	-2.81	4.26	5.49	-1.03	4.15	15.06	-12.87	-3.2292
2876	1120	-1.55	6.18	-3.23	0.01	-0.68	-2.11	1.56	0.07	-4.59	-1.62	2.36	-2.49	-7.46	-2.24	3.41	-2.66	2.54	9.27	-3.2107
2877	3455	0.81	2.10	-1.35	0.01	0.02	2.13	-0.34	5.24	-0.32	-0.89	1.79	-2.49	-2.65	-0.88	-1.03	2.34	-12.49	4.79	-3.2043
2878	3363	0.04	12.69	-1.86	0.01	-0.68	0.01	-0.34	3.70	-2.77	-2.71	2.73	-2.49	-5.40	-2.37	-2.14	1.77	-15.00	11.58	-3.1998
2879	1534	-1.19	5.94	0.24	5.58	-0.33	5.94	0.01	-0.94	-6.51	0.96	-0.89	-1.89	-2.81	-1.20	-1.28	-1.58	2.26	0.03	-3.1904
2880	2350	-0.53	6.64	-1.12	11.14	-0.68	-1.58	1.56	-2.35	-2.51	-1.98	0.83	-2.49	-5.11	-3.60	2.86	-4.41	-2.47	2.61	-3.1825
2881	4827	0.24	-1.51	1.68	0.01	0.36	1.60	-0.34	-3.74	3.01	-0.89	-1.49	6.00	1.11	2.04	-2.14	5.89	-9.99	-5.04	-3.1756
2882	293	-1.97	11.40	-1.74	0.01	-1.02	-2.11	-0.34	-1.34	-2.33	-2.34	0.21	-2.49	-4.90	-2.83	-0.47	-3.30	2.54	9.87	-3.1741
2883	4929	-1.01	4.24	0.03	-5.55	-1.02	-1.58	-0.80	-1.69	0.66	0.57	-1.57	4.80	-1.54	4.98	-0.47	3.15	-7.48	1.12	-3.1723
2884	3745	0.14	-1.21	0.89	5.58	-1.02	2.13	-0.80	-2.03	1.77	-0.53	-2.64	0.10	-0.30	0.24	-0.47	1.93	-4.98	-1.98	-3.1705
2885	1677	0.59	-19.27	3.98	-11.11	1.75	2.13	-0.94	-2.18	5.80	3.84	-1.28	-2.81	4.25	4.06	-1.03	4.35	17.57	-12.87	-3.1677
2886	1378	-0.85	-4.00	0.35	5.58	-1.37	0.54	1.09	-6.24	0.14	-1.25	-2.50	0.10	-2.13	-2.77	2.86	-0.26	12.56	-4.99	-3.1632
2887	4821	0.28	-7.18	1.18	11.14	1.40	-0.52	-0.34	-2.11	1.93	1.29	-1.86	6.00	-0.12	3.61	-0.47	-0.70	-7.48	-9.24	-3.1593
2888	2900	-0.57	-2.12	-0.80	5.58	-1.37	2.13	1.09	-7.33	-0.82	0.20	-1.45	0.10	-3.22	-0.74	3.41	2.13	2.54	-1.92	-3.1556
2889	2375	-0.87	12.53	-1.78	0.01	-1.37	-0.52	1.56	-5.23	-2.67	-3.07	1.03	-2.49	-5.30	-3.86	1.75	0.82	-4.98	11.27	-3.1541
2890	1783	-0.34	6.41	-1.55	0.01	-0.68	2.13	-0.34	-1.49	-0.65	-0.89	0.83	-2.49	-3.02	-2.44	-1.03	1.90	-4.98	5.45	-3.1529
2891	5053	0.91	-19.27	3.97	-11.11	1.06	1.07	-0.80	2.86	5.77	1.66	-3.09	4.80	4.22	7.21	-0.47	0.89	10.05	-12.87	-3.1491
2892	704	-0.96	-9.22	1.02	5.58	-1.02	1.07	-0.80	-4.57	1.40	1.29	-0.89	0.10	-0.71	-0.41	-0.47	3.90	10.05	-8.51	-3.1458
2893	2577	-0.53	6.32	-0.92	-5.55	-0.68	-0.52	1.56	2.26	-0.84	-0.89	1.82	-2.49	-3.23	-2.23	3.41	-1.81	-4.98	6.15	-3.1415
2894	2563	-0.93	8.22	-1.58	0.01	-1.02	0.54	1.56	0.43	-2.35	-2.71	1.99	-2.49	-4.93	-3.73	1.75	1.46	-9.99	10.61	-3.1404
2895	198	0.92	-13.00	2.33	0.01	1.06	2.13	-0.94	-5.89	3.21	3.11	-1.54	-2.81	1.31	0.16	-1.58	1.07	20.07	-12.75	-3.1156
2896	1978	0.30	2.51	-0.70	5.58	0.71	0.01	-0.34	6.22	-1.35	0.20	1.31	-2.49	-3.83	-2.99	-1.03	-2.77	-4.98	0.55	-3.0970
2897	2840	0.02	-5.18	2.18	0.01	-1.02	2.13	1.09	-6.07	1.50	0.93	-0.69	0.10	-0.60	-1.25	2.30	4.96	5.04	-8.56	-3.0915
2898	6038	-0.46	10.35	-2.88	5.58	0.71	-2.11	-0.94	5.83	-3.61	0.57	-2.25	2.65	-6.34	1.39	-1.58	-3.65	-12.49	6.15	-3.0868
2899	3098	0.01	6.93	-0.34	5.58	0.02	0.01	-0.94	-5.44	0.28	-1.62	-2.70	-2.81	-1.97	0.01	-1.58	1.45	-2.47	2.50	-3.0780
2900	3403	0.57	8.86	-2.99	0.01	-0.68	0.54	-0.34	3.15	-2.39	-1.62	2.37	-2.49	-4.98	-1.21	-1.03	0.96	-12.49	10.68	-3.0600
2901	3296	1.16	1.98	0.41	5.58	0.02	1.60	-0.34	0.63	-1.49	-0.16	1.09	-2.49	-3.96	-0.69	-1.58	-0.03	-4.98	0.19	-3.0562
2902	268	-1.54	4.05	-0.98	11.14	-1.02	-1.05	-0.34	-2.68	-3.61	-1.62	1.09	-2.49	-6.35	-2.70	-1.58	-1.97	2.54	6.06	-3.0466
2903	4668	-0.05	3.13	-0.25	-5.55	0.36	-1.05	-0.34	6.63	-2.27	1.29	3.12	2.21	-4.84	4.18	-1.58	1.83	-12.49	2.63	-3.0456
2904	3841	0.62	-1.50	0.14	11.14	0.02	-0.52	1.56	-0.43	-0.92	-0.53	0.89	-2.49	-3.32	-0.59	3.41	-3.67	-4.98	-1.88	-3.0356
2905	4719	-0.35	8.55	-2.79	-11.11	0.02	-0.52	-0.34	5.58	-2.12	-0.16	2.04	2.21	-4.67	3.72	-1.03	2.95	-15.00	10.00	-3.0323
2906	1176	-1.07	-14.61	3.50	0.01	1.75	-2.11	1.56	-4.39	3.09	-1.25	-0.62	1.30	1.21	-1.14	2.30	2.74	17.57	-12.87	-3.0276
2907	3693	-0.09	5.54	-0.75	5.58	-1.72	0.54	-0.80	-4.12	-0.30	-1.25	-2.06	0.10	-2.63	-0.09	-0.47	0.55	-4.98	3.91	-3.0262
2908	2693	-0.65	-11.42	2.82	0.01	1.40	-0.52	1.56	-3.47	4.52	-1.25	-1.91	1.30	2.81	-0.62	3.41	0.77	7.55	-9.35	-3.0225
2909	1614	-1.19	6.93	-0.34	5.58	-0.33	1.07	-0.94	-6.51	0.27	-1.25	-2.70	-2.81	-1.98	-1.43	-1.58	1.65	0.03	2.50	-3.0165
2910	2430	-0.53	7.63	-1.69	11.14	-0.68	-0.52	1.56	-2.35	-3.20	-2.34	0.02	-2.49	-5.89	-3.75	2.86	-5.02	-2.47	4.72	-3.0087
2911	234	-0.91	0.53	0.12	11.14	-0.33	-1.58	-0.34	0.41	-0.98	-1.25	0.57	-2.49	-3.38	-3.42	-1.03	-3.25	5.04	-1.88	-2.9989
2912	5009	-1.01	5.23	-0.55	-5.55	-1.02	-0.52	-0.80	-1.69	-0.04	0.20	-2.38	4.80	-2.32	4.83	-0.47	2.54	-7.48	3.23	-2.9985
2913	1322	-1.62	6.28	0.02	-5.55	-1.72	-1.58	1.09	-6.75	0.65	-2.71	-1.89	0.10	-1.55	-3.14	2.86	1.34	10.05	1.12	-2.9835
2914	5314	-0.45	19.70	-5.48	-11.11	0.36	-5.29	-0.94	15.02	-7.77	1.66	1.56	2.09	-11.04	1.14	-1.58	-4.40	-15.00	18.54	-2.9778
2915	1140	-0.96	4.12	-0.83	-5.55	-0.33	-1.05	1.56	1.34	-2.96	-1.25	2.31	-2.49	-5.62	-2.90	2.30	-0.44	5.04	4.74	-2.9727
2916	784	-0.96	-8.23	0.44	5.58	-1.02	2.13	-0.80	-4.57	0.71	0.93	-1.70	0.10	-1.49	-0.56	-0.47	3.29	10.05	-6.40	-2.9720
2917	1214	-0.32	-5.15	1.18	11.14	0.71	-0.52	1.56	-7.18	1.93	-1.98	-2.17	1.30	-0.13						

2920	540	-0.43	-10.37	1.85	11.14	1.06	0.01	-0.34	-5.51	3.19	0.57	-0.56	1.30	1.30	-2.15	-0.47	1.65	7.55	-12.75	2.9531	
2921	5089	1.18	-9.84	2.48	-11.11	-0.68	2.13	-0.80	-0.98	4.13	3.48	-1.35	4.80	2.36	6.44	-0.47	3.81	0.03	-8.56	-2.9473	
2922	5075	0.79	-7.94	1.83	-5.55	-1.02	3.19	-0.80	-2.80	2.62	1.66	-1.18	4.80	0.66	4.94	-2.14	7.08	-4.98	-4.09	-2.9462	
2923	5904	-1.10	20.88	-5.48	-11.11	0.02	-3.70	-0.94	13.32	-9.05	1.66	2.56	-1.14	-12.48	3.27	-2.14	-2.48	-17.50	22.49	-2.9322	
2924	989	-0.90	3.87	-0.95	0.01	-1.37	-3.70	1.56	-4.62	-1.33	-1.62	1.17	-2.49	-3.77	-2.05	3.41	-4.74	7.55	7.03	-2.9315	
2925	2920	0.02	-4.19	1.60	0.01	-1.02	3.19	1.09	-6.07	0.81	0.57	-1.50	0.10	-1.39	-1.40	2.30	4.35	5.04	-6.45	-2.9176	
2926	4062	0.97	8.35	-0.93	-5.55	-0.33	-0.52	1.56	3.54	-0.84	-2.34	1.51	-2.49	-3.23	-1.98	2.86	-2.16	-7.48	6.15	-2.9156	
2927	2479	0.74	-1.12	-0.76	0.01	-1.02	0.54	1.56	-4.76	0.36	-0.16	1.79	-2.49	-1.88	-1.67	2.86	0.46	0.03	2.61	-2.9102	
2928	5224	0.90	-0.32	-2.09	0.01	0.71	-1.58	-0.94	9.90	-3.09	3.11	0.04	2.09	-5.76	2.88	-1.03	-5.52	-7.48	5.26	-2.8981	
2929	683	-1.43	4.72	0.36	-5.55	-1.72	0.54	-0.80	-5.89	0.73	-1.62	-1.08	0.10	-1.46	-3.02	-2.14	6.68	7.55	1.12	-2.8900	
2930	4984	-0.58	-2.12	0.21	5.58	-1.02	0.54	-0.80	-3.02	-1.31	0.93	-1.50	4.80	-3.76	4.96	-1.58	3.87	-7.48	-0.57	-2.8709	
2931	807	0.49	-18.79	4.31	-11.11	0.36	3.19	-0.80	-1.34	5.84	-0.53	-2.59	0.10	4.29	-0.79	-2.14	4.42	25.08	-12.87	-2.8668	
2932	3921	0.62	-0.51	-0.44	11.14	0.02	0.54	1.56	-0.43	-1.61	-0.89	0.08	-2.49	-4.10	-0.74	3.41	-4.28	-4.98	0.24	-2.8617	
2933	1256	-1.07	-13.62	2.92	0.01	1.75	-1.05	1.56	-4.39	2.40	-1.62	-1.43	1.30	0.42	-1.29	2.30	2.13	17.57	-10.75	-2.8537	
2934	64	-1.15	-9.22	1.04	5.58	0.36	1.07	-0.94	-7.13	1.50	2.02	-0.89	-2.81	-0.60	0.94	-1.03	4.37	12.56	-8.51	-2.8449	
2935	732	-1.19	-1.47	-1.20	5.58	-1.72	0.54	-0.80	-6.66	-1.36	0.20	-1.12	0.10	-3.82	-0.88	-0.47	1.91	10.05	-0.51	-2.8276	
2936	314	-0.91	1.52	-0.45	11.14	-0.33	-0.52	-0.34	0.41	-1.67	-1.62	-0.24	-2.49	-4.16	-3.57	-1.03	-3.86	5.04	0.24	-2.8251	
2937	4950	0.05	-5.64	1.32	5.58	-0.33	0.01	-0.80	0.07	1.32	1.29	-2.02	4.80	-0.79	4.24	-1.03	2.59	-4.98	-8.51	-2.8232	
2938	3423	1.16	6.80	-0.59	-5.55	-0.33	1.60	-0.34	4.41	-0.76	-1.25	2.32	-2.49	-3.15	-1.86	-2.14	3.18	-9.99	6.15	-2.8221	
2939	1402	-1.62	7.26	-0.55	-5.55	-1.72	-0.52	1.09	-6.75	-0.04	-3.07	-2.70	0.10	-2.33	-3.29	2.86	0.73	10.05	3.23	-2.8097	
2940	3417	1.20	1.13	-1.09	5.58	0.71	-0.52	-0.34	6.05	-1.83	0.93	1.94	-2.49	-4.37	-0.30	-0.47	-3.41	-7.48	1.95	-2.8057	
2941	4178	0.85	-9.39	2.82	0.01	1.75	-0.52	1.56	-2.18	4.52	-2.71	-2.23	1.30	2.81	-0.37	2.86	0.41	5.04	-9.35	-2.7966	
2942	620	-0.43	-9.38	1.27	11.14	1.06	1.07	-0.34	-5.51	2.50	0.20	-1.37	1.30	0.51	-2.30	-0.47	1.04	7.55	-10.64	-2.7792	
2943	1171	-1.01	-7.19	1.50	5.58	0.02	1.07	1.56	-8.20	4.14	-2.34	-1.21	1.30	2.39	-3.76	2.86	3.99	5.04	-8.51	-2.7750	
2944	1482	0.57	-7.80	2.48	-11.11	-1.37	2.13	1.09	-6.04	4.12	0.20	-1.66	0.10	2.35	-1.68	2.86	2.00	17.57	-8.56	-2.7585	
2945	723	-0.90	0.89	-0.76	-5.55	-1.72	1.07	-0.80	-6.44	1.11	-0.53	-1.44	0.10	-1.04	-1.86	-1.03	5.86	10.05	0.22	-2.7515	
2946	3976	2.12	-14.65	2.49	-5.55	1.40	-0.52	1.56	1.19	0.88	1.29	2.12	-2.49	-1.29	2.78	2.30	-0.20	10.05	-6.23	-2.7351	
2947	2173	-1.30	3.91	0.22	5.58	-1.72	0.01	-0.80	-4.16	0.88	-0.53	-1.57	0.10	-1.30	-1.44	-0.47	1.94	-2.47	0.39	-2.7234	
2948	3869	0.38	6.24	-2.08	11.14	-0.68	-1.05	1.56	-2.53	-3.68	-1.62	0.66	-2.49	-6.43	-1.06	3.41	-5.66	-4.98	6.12	-2.7174	
2949	763	-1.43	5.71	-0.21	-5.55	-1.72	1.60	-0.80	-5.89	0.04	-1.98	-1.89	0.10	-2.24	-3.17	-2.14	6.07	7.55	3.23	-2.7162	
2950	3539	1.04	-10.94	3.16	0.01	1.75	1.60	-0.34	-1.31	4.60	-1.62	-1.42	1.30	2.90	-0.25	-2.14	5.75	2.54	-9.35	-2.7031	
2951	5610	-0.46	19.59	-5.48	-11.11	0.36	-4.23	-0.94	15.39	-7.77	1.66	1.56	-1.14	-11.04	3.66	-1.58	-4.72	-15.00	18.55	-2.7011	
2952	262	-1.15	8.28	-2.09	11.14	-1.02	-2.11	-0.34	-1.68	-3.74	-2.34	0.34	-2.49	-6.49	-3.89	-1.03	-5.24	5.04	6.12	-2.6807	
2953	144	-1.15	-8.23	0.46	5.58	0.36	2.13	-0.94	-7.13	0.80	1.66	-1.70	-2.81	-1.39	0.79	-1.03	3.76	12.56	-6.40	-2.6710	
2954	843	0.77	-9.36	2.81	-11.11	-1.37	4.25	-0.80	-5.18	4.20	1.29	-0.85	0.10	2.44	-1.57	-2.14	7.34	15.06	-8.56	-2.6650	
2955	3340	2.77	-10.41	0.84	5.58	0.71	1.60	-0.34	0.07	0.99	3.11	2.18	-2.49	-1.20	1.78	-0.47	-1.29	0.03	-6.12	-2.6606	
2956	5030	0.05	-4.65	0.74	5.58	-0.33	1.07	-0.80	0.07	0.63	0.93	-2.83	4.80	-1.58	4.09	-1.03	1.98	-4.98	-6.40	-2.6494	
2957	837	0.81	-15.03	2.31	0.01	-0.33	2.13	-0.80	-3.54	3.13	3.48	-1.22	0.10	1.21	0.00	-0.47	0.76	17.57	-12.75	-2.6487	
2958	6009	-0.52	0.57	-0.66	5.58	1.40	-1.58	-0.94	7.70	-0.84	2.75	-1.70	2.65	-3.22	3.04	-1.03	-1.50	-12.49	-1.85	-2.6370	
2959	4786	0.58	-6.79	2.15	11.14	1.75	-1.05	-0.34	-0.87	3.11	0.57	-1.69	6.00	1.21	2.50	-1.03	0.35	-7.48	-12.75	-2.6305	
2960	5520	0.88	-0.43	-2.09	0.01	0.71	-0.52	-0.94	10.27	-3.09	3.11	0.04	-1.14	-5.76	5.40	-1.03	-5.84	-7.48	5.27	-2.6213	
2961	473	-2.27	13.20	-2.79	0.01	-1.02	-3.17	-0.34	3.24	-3.58	-2.71	1.42	-2.49	-6.32	-3.09	-0.47	-3.46	-2.47	13.69	-2.6047	
2962	1251	-1.01	-6.20	0.92	5.58	0.02	2.13	1.56	-8.20	3.45	-2.71	-2.02	1.30	1.60	-3.91	2.86	3.39	5.04	-6.40	-2.6012	
2963	752	-0.60	-3.54	1.20	0.01	-1.37	1.60	-0.80	-5.40	0.27	0.57	-1.17	0.10	-1.99	-1.54	-1.58	4.14	12.56	-5.04	-2.5897	
2964	43	-1.62	4.72	0.38	-5.55	-0.33	0.54	-0.94	-8.45	0.83	-0.89	-1.08	-2.81	-1.36	-1.67	-2.69	7.15	10.05	1.12	-2.5891	
2965	1963	-0.63	8.21	-2.60	0.01	-0.68	1.07	-0.34	3.10	-1.90	-1.25	2.04	-2.49	-4.43	-2.71	-1.03	1.74	-9.99	9.27	-2.5834	
2966	3380	0.75	-6.31	1.23	-5.55	1.75	-1.05	-0.34	9.05	-0.68	0.57	3.19	-2.49	-3.05	1.89	-1.58	1.69	0.03	-1.68	-2.5730	
2967	167	0.30	-18.79	4.33	-11.11	1.75	3.19	-0.94	-3.90	5.94	0.20	-2.59	-2.81	4.40	0.56	-2.69	4.89	27.58	-12.87	-2.5658	
2968	3840	0.28	2.41	0.00	11.14	-0.33	2.41	-0.52	1.56	-2.29	-2.37	-1.62	1.57	-2.49	-4.96	-0.97	2.30	-1.35	-7.48	2.54	-2.5545
2969	2253	-1.30	4.90	-0.36	5.58	-1.72	1.07	-0.80	-4.16	0.18	-0.89	-2.38	0.10	-2.08	-1.59	-0.47	1.33	-2.47	2.50	-2.5496	
2970	92	-1.38	-1.47	-1.18	5.58	-0.33	0.54	-0.94	-9.22	-1.27	0.93	-1.12	-2.81	-3.71	0.46	-1.03	2.38	12.56	-0.51	-2.5267	
2971	4001	-0.45	12.21	-2.20	0.01	-0.68	-2.11	1.56	2.62	-2.84	-2.71	2.23	-2.49	-5.48	-1.30	3.41	-3.42	-12.49	11.58	-2.5254	
2972	1750	-0.82	7.64	-0.69	11.14	-1.02	0.01	-0.34	-0.52	-1.00	-2.34	-0.04	-2.49	-3.41	-3.28	-1.03	-2.91	-7.48	6.06	-2.5128	
2973	4978	-0.19	2.11	-0.90	5.58	-1.02	-0.52	-0.80	-2.02	-1.44	0.20	-2.25	4.80	-3.90	3.77	-1.03	0.60	-4.98	-0.51	-2.5051	
2974	3658	0.20	5.94	0.22	5.58	-1.37	0.01	-0.80	-2.88	0.88	-1.98	-1.89	0.10	-1.30	-1.19	-1.03	1.59	-4.98	0.39	-2.4975	
2975	2658	-0.35	-11.03	3.79	0.01	1.75	-1.05	1.56	-2.23	5.70	-1.98	-1.74	1.30	4.14	-1.72	2.86	1.81	7.55	-12.87	-2.4938	
2976	394	-1.97	14.24	-2.21	0.01	-1.02	-3.17	-0.34	3.46	-2.90	-3.43	1.92	-2.49	-5.54	-4.13	-1.03	-3.00	-2.47	11.58	-2.4887	
2977	3017	-0.28	3.91	0.24	5.58	0.02	-1.05	-0.94	-5.66	0.98	-0.16	-1.57	-2.81	-1.18	1.34	-1.03	2.21	-2.47	0.39	-2.4840	
2978	3971	2.18	-7.23	0.49	0.01	-0.33	2.66	1.56	-2.62	1.94	0.20	1.53	-2.49	-0.11	0.16	2.86	1.05	-2.47	-1.88	-2.4825	
2979	3801	1.99	-19.27	3.96	-11.11	0.71	2.13	-0.80	1.45	5.72	2.75	-1.28	0.10	4.15	4.14	-0.47	3.68	12.56	-12.87	-2.4748	
2980	6089	-0.52	1.56	-1.24	5.58	1.40	-0.52	-0.94	7.70	-1.53	2.38	-2.51	2.65	-4.01	2.89	-1.03	-2.11	-12.49	0.26	-2.4632	
2981	1199	-1.25	0.56	-0.72	5.58	-0.68	0.54	1.56	-10.29	1.38	-3.43	-1.44	1.30	-0.73	-4.23	2.86	2.01	5.04	-0.51	-2.4568	
2982	4866	0.58	-5.80	1.57	11.14	1.75	0.01	-0.34	-0.87	2.42	0.20	-2.50	6.00	0.43							

2985	1533	-1.49	3.91	0.24	5.58	-0.33	0.01	-0.94	-6.73	0.97	0.20	-1.57	-2.81	-1.19	-0.09	-1.03	2.41	0.03	0.39	-2.4224
2986	123	-1.62	5.71	-0.19	-5.55	-0.33	1.60	-0.94	-8.45	0.13	-1.25	-1.89	-2.81	-2.14	-1.82	-2.69	6.54	10.05	3.23	-2.4152
2987	2349	-0.82	4.61	-1.11	11.14	-0.68	-1.58	1.56	-2.57	-2.50	-0.89	1.14	-2.49	-5.10	-2.42	3.41	-4.26	-2.47	2.61	-2.4146
2988	4498	-0.77	14.08	-2.13	0.01	-0.68	-3.70	-0.34	0.89	-2.80	-1.98	0.22	2.21	-5.42	2.75	-1.03	-2.50	-12.49	11.27	-2.4059
2989	2019	-0.16	-12.58	4.13	0.01	1.75	1.07	-0.34	-1.36	5.78	-0.89	-0.93	1.30	4.23	-1.61	-2.14	7.15	5.04	-12.87	-2.4003
2990	1377	-1.15	-6.04	0.35	5.58	-1.37	0.54	1.09	-6.46	0.14	-0.16	-2.19	0.10	-2.12	-1.59	3.41	-0.11	12.56	-4.99	-2.3953
2991	4686	-0.83	9.77	-1.92	0.01	-0.33	-2.64	-0.34	6.54	-2.47	-1.62	1.18	2.21	-5.06	2.88	-1.03	-1.86	-17.50	10.61	-2.3922
2992	3920	0.28	3.40	-0.58	11.14	-0.33	0.54	1.56	-2.29	-3.07	-1.98	0.76	-2.49	-5.74	-1.12	2.30	-1.96	-7.48	4.66	-2.3807
2993	5067	0.55	-1.83	0.58	-5.55	-1.37	1.07	-0.80	-3.87	1.05	0.93	-0.93	4.80	-1.11	4.54	-2.14	6.29	-4.98	0.39	-2.3801
2994	984	0.79	-10.41	0.85	5.58	0.36	0.54	1.56	-3.80	1.04	-0.16	0.37	-2.49	-1.13	-2.09	3.41	-5.74	15.06	-6.12	-2.3782
2995	2494	1.67	-6.83	1.14	5.58	0.36	0.54	1.56	-1.64	0.90	1.29	1.05	-2.49	-1.29	-1.94	2.86	-4.06	5.04	-6.12	-2.3752
2996	203	0.58	-9.36	2.84	-11.11	0.02	4.25	-0.94	-7.74	4.29	2.02	-0.85	-2.81	2.54	-0.22	-2.69	7.81	17.57	-8.56	-2.3641
2997	2396	-0.39	-1.42	-1.13	11.14	-0.68	1.07	1.56	-3.91	-2.00	-0.16	1.21	-2.49	-4.54	-1.24	3.41	-1.96	-2.47	1.64	-2.3509
2998	197	0.62	-15.03	2.33	0.01	1.06	2.13	-0.94	-6.11	3.22	4.20	-1.22	-2.81	1.32	1.35	-1.03	1.23	20.07	-12.75	-2.3477
2999	1983	-0.04	6.15	-0.20	-5.55	-0.33	2.13	-0.34	4.36	-0.27	-0.89	1.99	-2.49	-2.60	-3.37	-2.14	3.97	-7.48	4.74	-2.3454
3000	4304	0.63	-3.11	-0.22	5.58	-1.02	1.07	1.09	-6.27	-0.12	0.20	-0.64	0.10	-2.43	0.84	3.41	2.54	0.03	-4.03	-2.3356
3001	3187	0.87	5.43	-0.98	0.01	-0.33	1.07	-0.34	-0.42	0.05	-0.89	1.64	-2.49	-2.23	-0.86	-1.03	2.30	-7.48	3.33	-2.3329
3002	1977	0.00	0.48	-0.70	5.58	0.71	0.01	-0.34	6.00	-1.35	1.29	1.62	-2.49	-3.83	-1.80	-0.47	-2.62	-4.98	0.55	-2.3291
3003	1040	-1.55	5.19	-2.65	0.01	-0.68	-2.11	1.56	0.07	-3.90	-1.25	3.17	-2.49	-6.67	-2.10	3.41	-2.06	2.54	7.16	-2.3268
3004	3738	0.20	6.93	-0.36	5.58	-1.37	1.07	-0.80	-2.88	0.18	-2.34	-2.70	0.10	-2.08	-1.34	-1.03	0.98	-4.98	2.50	-2.3236
3005	3375	0.81	1.11	-0.77	0.01	0.02	2.13	-0.34	5.24	0.37	-0.53	2.60	-2.49	-1.87	-0.73	-1.03	2.94	-12.49	2.68	-2.3205
3006	2738	-0.35	-10.04	3.21	0.01	1.75	0.01	1.56	-2.23	5.00	-2.34	-2.55	1.30	3.36	-1.87	2.86	1.20	7.55	-10.75	-2.3199
3007	6037	-0.76	8.32	-2.88	5.58	0.71	-2.11	-0.94	5.61	-3.60	1.66	-1.93	2.65	-6.33	2.57	-1.03	-3.49	-12.49	6.15	-2.3189
3008	3097	-0.28	4.90	-0.33	5.58	0.02	0.01	-0.94	-5.66	0.28	-0.53	-2.38	-2.81	-1.96	1.19	-1.03	1.60	-2.47	2.50	-2.3101
3009	112	-0.79	-3.54	1.22	0.01	0.02	1.60	-0.94	-7.96	0.36	1.29	-1.17	-2.81	-1.88	-0.20	-2.14	4.61	15.06	-5.04	-2.2888
3010	1613	-1.49	4.90	-0.34	5.58	-0.33	1.07	-0.94	-6.73	0.28	-0.16	-2.38	-2.81	-1.98	-0.24	-1.03	1.80	0.03	2.50	-2.2486
3011	2429	-0.82	5.60	-1.69	11.14	-0.68	-0.52	1.56	-2.57	-3.19	-1.25	0.33	-2.49	-5.88	-2.57	3.41	-4.87	-2.47	4.72	-2.2408
3012	3868	0.04	10.16	-2.22	11.14	-1.02	-1.05	1.56	-4.38	-5.14	-2.71	1.34	-2.49	-8.07	-1.45	2.30	-3.34	-7.48	10.54	-2.2363
3013	233	-1.20	-1.50	0.12	11.14	-0.33	-1.58	-0.34	0.19	-0.97	-0.16	0.89	-2.49	-3.37	-2.24	-0.47	-3.10	5.04	-1.88	-2.2310
3014	2099	-0.16	-11.59	3.55	0.01	1.75	2.13	-0.34	-1.36	5.09	-1.25	-1.74	1.30	3.44	-1.76	-2.14	6.54	5.04	-10.75	-2.2264
3015	1219	-0.66	-1.51	1.68	0.01	-0.33	1.60	1.56	-9.03	3.01	-3.07	-1.49	1.30	1.11	-4.89	1.75	4.23	7.55	-5.04	-2.2189
3016	1321	-1.92	4.24	0.03	-5.55	-1.72	-1.58	1.09	-6.97	0.66	-1.62	-1.57	0.10	-1.54	-1.95	3.41	1.49	10.05	1.12	-2.2156
3017	1898	0.30	1.52	-0.12	5.58	0.71	0.01	-0.34	6.22	-0.66	0.57	2.12	-2.49	-3.05	-2.84	-1.03	-2.16	-4.98	-1.57	-2.2132
3018	5313	-0.74	17.67	-5.48	-11.11	0.36	-5.29	-0.94	14.80	-7.76	2.75	1.87	2.09	-11.03	2.33	-1.03	-4.25	-15.00	18.54	-2.2099
3019	1213	-0.62	-7.18	1.18	11.14	0.71	-0.52	1.56	-7.39	1.93	-0.89	-1.86	1.30	-0.12	-3.33	3.41	-2.36	10.05	-9.24	-2.2026
3020	2811	-0.28	-0.74	0.22	-5.55	-1.37	2.66	1.09	-7.12	2.34	-0.16	-0.95	0.10	0.35	-1.57	2.86	6.69	2.54	-3.30	-2.1943
3021	1445	0.00	-19.27	3.97	-11.11	0.36	1.07	1.09	-2.42	5.77	-0.53	-3.09	0.10	4.21	0.28	3.41	-0.77	27.58	-12.87	-2.1924
3022	3834	0.68	6.64	-1.11	11.14	-0.33	-1.58	1.56	-1.29	-2.50	-2.34	0.83	-2.49	-5.10	-2.17	2.86	-4.61	-4.98	2.61	-2.1887
3023	4384	0.63	-2.12	-0.80	5.58	-1.02	2.13	1.09	-6.27	-0.82	-0.16	-1.45	0.10	-3.21	0.69	3.41	1.93	0.03	-1.92	-2.1617
3024	3859	0.34	12.53	-1.78	0.01	-1.02	-0.52	1.56	-4.16	-2.67	-3.43	1.03	-2.49	-5.29	-2.43	1.75	0.61	-7.48	11.27	-2.1602
3025	3267	0.87	6.41	-1.55	0.01	-0.33	2.13	-0.34	-0.42	-0.64	-1.25	0.83	-2.49	-3.01	-1.01	-1.03	1.70	-7.48	5.45	-2.1590
3026	6008	-0.86	4.49	-0.80	5.58	1.06	-1.58	-0.94	5.85	-2.30	1.66	-1.02	2.65	-4.86	2.66	-2.14	0.81	-15.00	2.57	-2.1560
3027	4639	-0.35	7.56	-2.22	-11.11	0.02	-0.52	-0.34	5.58	-1.43	0.20	2.85	2.21	-3.89	3.86	-1.03	3.55	-15.00	7.89	-2.1485
3028	4061	0.67	6.32	-0.92	-5.55	-0.33	-0.52	1.56	3.33	-0.84	-1.25	1.82	-2.49	-3.22	-0.80	3.41	-2.01	-7.48	6.15	-2.1477
3029	4047	0.28	8.22	-1.57	0.01	-0.68	0.54	1.56	1.50	-2.34	-3.07	1.99	-2.49	-4.93	-2.30	1.75	1.25	-12.49	10.61	-2.1466
3030	4771	-0.35	-1.08	0.25	5.58	0.36	0.01	-0.34	-3.98	2.57	-0.89	-0.95	6.00	0.61	2.78	-1.03	4.86	-12.49	-4.03	-2.1169
3031	454	-0.85	8.35	-0.94	-5.55	-0.68	-1.58	-0.34	4.17	-0.89	-1.98	1.51	-2.49	-3.28	-3.63	-1.03	-1.59	2.54	6.15	-2.1110
3032	3462	1.50	2.51	-0.70	5.58	1.06	0.01	-0.34	7.28	-1.35	-0.16	1.31	-2.49	-3.83	-1.55	-1.03	-2.97	-7.48	0.55	-2.1032
3033	4324	1.22	-5.18	2.18	0.01	-0.68	2.13	1.09	-5.00	1.51	0.57	-0.69	0.10	-0.60	0.18	2.30	4.76	2.54	-8.56	-2.0976
3034	1060	-0.96	3.13	-0.25	-5.55	-0.33	-1.05	1.56	1.34	-2.27	-0.89	3.12	-2.49	-4.84	-2.75	2.30	0.17	5.04	2.63	-2.0889
3035	1111	-1.25	8.55	-2.79	-11.11	-0.68	-0.52	1.56	0.29	-2.12	-2.34	2.04	-2.49	-4.67	-3.22	2.86	1.29	2.54	10.00	-2.0756
3036	313	-1.20	-0.51	-0.45	11.14	-0.33	-0.52	-0.34	0.19	-1.66	-0.53	0.08	-2.49	-4.15	-2.39	-0.47	-3.71	5.04	0.24	-2.0572
3037	2234	0.12	0.05	1.49	0.01	-1.37	2.66	-0.80	-3.24	2.88	-0.16	-2.30	0.10	0.95	-2.12	-1.03	3.20	2.54	-5.04	-2.0559
3038	4949	-0.24	-7.67	1.32	5.58	-0.33	0.01	-0.80	-0.15	1.33	2.38	-1.70	4.80	-0.78	5.42	-0.47	2.75	-4.98	-8.51	-2.0553
3039	1401	-1.92	5.23	-0.55	-5.55	-1.72	-0.52	1.09	-6.97	-0.04	-1.98	-2.38	0.10	-2.32	-2.10	3.41	0.88	10.05	3.23	-2.0418
3040	4177	0.56	-11.42	2.83	0.01	1.75	-0.52	1.56	-2.40	4.52	-1.62	-1.91	1.30	2.82	0.81	3.41	0.56	5.04	-9.35	-2.0287
3041	2891	-0.28	0.24	-0.36	-5.55	-1.37	3.72	1.09	-7.12	1.65	-0.53	-1.76	0.10	-0.44	-1.72	2.86	6.08	2.54	-1.19	-2.0205
3042	3914	0.68	7.63	-1.69	11.14	-0.33	-0.52	1.56	-1.29	-3.19	-2.71	0.02	-2.49	-5.88	-2.32	2.86	-5.22	-4.98	4.72	-2.0148
3043	570	-0.97	-9.39	2.81	0.01	1.40	-1.58	-0.34	-1.55	4.47	-2.34	-2.23	1.30	2.76	-2.02	-1.03	0.98	15.06	-9.35	-1.9920
3044	1481	0.28	-9.84	2.48	-11.11	-1.37	2.13	1.09	-6.26	4.13	1.29	-1.35	0.10	2.36	-0.50	3.41	2.15	17.57	-8.56	-1.9906
3045	1467	-0.12	-7.94	1.83	-5.55	-1.72	3.19	1.09	-8.09	2.62	-0.53	-1.18	0.10	0.66	-2.00	1.75	5.42	12.56	-4.09	-1.9895
3046	6088	-0.86	5.48	-1.37	5.58	1.06	-0.52	-0.94	5.85	-2.99	1.29	-1.83	2.65	-5.65	2.51	-2.14	0.20	-15.00	4.68	-1.9821
3047	4851	-0.35	-0.09	-0.33	5.58	0.36	1.07	-0.34	-3.98	1.87	-1.25	-1.76	6.00	-0.17	2.6					

3050	368	0.30	-14.65	2.47	-5.55	1.06	-1.58	-0.34	1.82	0.88	1.66	-0.34	2.12	-2.49	-1.34	1.13	-1.58	0.37	20.07	6.23	-1.9305
3051	4404	1.22	-4.19	1.60	0.01	-0.68	3.19	1.09	-5.00	0.81	0.20	-1.50	0.10	-1.38	0.03	-2.30	4.15	2.54	2.54	-6.45	-1.9238
3052	3963	1.94	-1.12	-0.76	0.01	-0.68	0.54	1.56	-3.69	0.36	-0.53	1.79	-2.49	-1.88	-0.24	2.86	0.26	-2.47	2.61		-1.9164
3053	1376	-1.49	-2.12	0.21	5.58	-1.72	0.54	1.09	-8.31	-1.31	-1.25	-1.50	0.10	-3.76	-1.97	2.30	2.21	10.05	-0.57		-1.9142
3054	261	-1.44	6.24	-2.09	11.14	-1.02	-2.11	-0.34	-1.90	-3.73	-1.25	0.66	-2.49	-6.48	-2.71	-0.47	-5.09	5.04	6.12		-1.9128
3055	5029	-0.24	-6.68	0.74	5.58	-0.33	1.07	-0.80	-0.15	0.64	2.02	-2.51	4.80	-1.57	5.28	-0.47	2.14	-4.98	-6.40		-1.8815
3056	4791	0.24	-3.14	2.65	0.01	0.71	1.07	-0.34	-2.72	4.20	-0.53	-1.00	6.00	2.45	2.12	-2.14	7.08	-9.99	-8.56		-1.8790
3057	1342	-0.85	-5.64	1.32	5.58	-1.02	0.01	1.09	-5.22	1.32	-0.89	-2.02	0.10	-0.79	-2.70	2.86	0.93	12.56	-8.51		-1.8666
3058	4785	0.28	-8.82	2.15	11.14	1.75	-1.05	-0.34	-1.09	3.12	1.66	-1.37	6.00	1.22	3.69	-0.47	0.50	-7.48	-12.75		-1.8626
3059	6036	-1.10	12.24	-3.01	5.58	0.36	-2.11	-0.94	3.76	-5.06	0.57	-1.25	2.65	-7.98	2.19	-2.14	-1.18	-15.00	10.57		-1.8378
3060	2463	1.05	-12.62	3.13	-5.55	1.06	1.60	1.56	0.34	3.62	-1.62	0.00	-2.49	1.80	-1.55	1.75	-0.24	12.56	-6.23		-1.8254
3061	3078	1.13	0.05	1.52	0.01	0.36	1.60	-0.94	-4.73	2.97	0.20	-2.30	-2.81	1.07	0.65	-1.58	3.47	2.54	-5.04		-1.8165
3062	6002	-0.46	8.71	-1.91	5.58	1.06	-2.64	-0.94	6.85	-2.42	0.93	-1.76	2.65	-5.00	1.46	-1.58	-2.45	-12.49	2.63		-1.7901
3063	6027	-0.80	14.60	-2.58	-5.55	0.36	-1.58	-0.94	3.98	-2.59	-0.16	-1.56	2.65	-5.19	1.21	-2.69	2.78	-15.00	11.30		-1.7617
3064	2428	-1.16	9.51	-1.83	11.14	-1.02	-0.52	1.56	-4.42	-4.65	-2.34	1.02	-2.49	-7.52	-2.95	2.30	-2.55	-4.98	9.14		-1.7597
3065	1594	-0.07	0.05	1.52	0.01	0.02	2.66	-0.94	-5.80	2.97	0.57	-2.30	-2.81	1.06	-0.78	-1.58	3.67	5.04	-5.04		-1.7550
3066	1827	1.70	-8.38	1.48	5.58	0.36	3.72	-0.34	-0.78	3.73	0.20	0.05	-2.49	1.89	-2.55	-1.03	-1.33	2.54	-6.12		-1.7509
3067	232	-1.54	2.41	-0.01	11.14	-0.68	-1.58	-0.34	-1.66	-2.42	-1.25	1.57	-2.49	-5.01	-2.62	-1.58	-0.78	2.54	2.54		-1.7499
3068	1749	-1.12	5.60	-0.68	11.14	-1.02	0.01	-0.34	-0.74	-1.00	-1.25	0.28	-2.49	-3.40	-2.09	-0.47	-2.76	-7.48	6.06		-1.7449
3069	4977	-0.48	0.07	-0.90	5.58	-1.02	-0.52	-0.80	-2.24	-1.43	1.29	-1.93	4.80	-3.90	4.95	-0.47	0.76	-4.98	-0.51		-1.7372
3070	3657	-0.09	3.91	0.22	5.58	-1.37	0.01	-0.80	-3.10	0.88	-0.89	-1.57	0.10	-1.29	-0.01	-0.47	1.74	-4.98	0.39		-1.7296
3071	5312	-1.08	21.58	-5.61	-11.11	0.02	-5.29	-0.94	12.95	-9.22	1.66	2.56	2.09	-12.67	1.94	-2.14	-1.93	-17.50	22.96		-1.7289
3072	2657	-0.65	-13.06	3.79	0.01	1.75	-1.05	1.56	-2.45	5.70	-0.89	-1.43	1.30	4.15	-0.54	3.41	1.96	7.55	-12.87		-1.7259
3073	393	-2.27	12.21	-2.21	0.01	-1.02	-3.17	-0.34	3.24	-2.89	-2.34	2.23	3.24	-2.49	-5.53	-2.95	-0.47	-2.85	-2.47		-1.7208
3074	4871	0.24	-2.16	2.07	0.01	0.71	2.13	-0.34	-2.72	3.50	-0.89	-1.81	6.00	1.66	1.97	-2.14	6.47	-9.99	-6.45		-1.7051
3075	1883	-0.63	7.22	-2.02	0.01	-0.68	1.07	-0.34	3.10	-1.21	-0.89	2.85	-2.49	-3.65	-2.56	-1.03	2.35	-9.99	7.16		-1.6995
3076	1422	-0.85	-4.65	0.74	5.58	-1.02	1.07	1.09	-5.22	0.63	-1.25	-2.83	0.10	-1.58	-2.85	2.86	0.32	12.56	-6.40		-1.6927
3077	4865	0.28	-7.83	1.57	11.14	1.75	0.01	-0.34	-1.09	2.43	1.29	-2.18	6.00	0.44	3.54	-0.47	-0.11	-7.48	-10.64		-1.6888
3078	363	0.36	-7.23	0.48	0.01	-0.68	1.60	-0.34	-2.00	1.89	0.57	1.53	-2.49	-0.16	-1.49	-1.03	1.62	7.55	-1.88		-1.6780
3079	1178	-0.32	-6.79	2.15	11.14	1.06	-1.05	1.56	-6.16	3.11	-1.62	-1.69	1.30	1.21	-4.43	2.86	-1.31	10.05	-12.75		-1.6738
3080	2621	-0.53	5.67	-0.53	-5.55	-0.33	0.01	1.56	3.28	-0.35	-0.89	1.50	-2.49	-2.68	-2.30	3.41	-1.22	-4.98	4.74		-1.6711
3081	2607	-0.93	7.57	-1.18	0.01	-0.68	1.07	1.56	1.45	-1.85	-2.71	1.66	-2.49	-4.38	-3.80	1.75	2.04	-9.99	9.21		-1.6700
3082	5950	-0.46	18.34	-4.95	-11.11	0.71	-2.11	-0.94	16.41	-7.11	1.66	1.23	-1.14	-10.30	2.40	-1.58	-4.37	-15.00	16.66		-1.6517
3083	4497	-1.07	12.05	-2.13	0.01	-0.68	-3.70	-0.34	0.67	-2.79	-0.89	0.53	2.21	-5.42	3.93	-0.47	-2.35	-12.49	11.27		-1.6380
3084	4685	-1.13	7.74	-1.92	0.01	-0.33	-2.64	-0.34	6.33	-2.47	-0.53	1.49	2.21	-5.05	4.06	-0.47	-1.71	-17.50	10.61		-1.6243
3085	2499	1.33	-3.19	1.64	-5.55	-0.68	2.66	1.56	-3.50	1.98	0.20	1.74	-2.49	-0.05	-2.33	1.75	2.68	2.54	-1.92		-1.6236
3086	6082	-0.46	9.70	-2.49	5.58	1.06	-1.58	-0.94	6.85	-3.12	0.57	-2.57	2.65	-5.79	1.31	-1.58	-3.06	-12.49	4.75		-1.6163
3087	2493	1.37	-8.86	1.14	5.58	0.36	0.54	1.56	-1.86	0.91	2.38	1.37	-2.49	-1.28	-0.76	3.41	-3.91	5.04	-6.12		-1.6073
3088	3447	0.57	8.21	-2.60	0.01	-0.33	1.07	-0.34	4.17	-1.89	-1.62	2.04	-2.49	-4.43	-1.28	-1.03	1.54	-12.49	9.27		-1.5895
3089	312	-1.54	3.40	-0.59	11.14	-0.68	-0.52	-0.34	-1.66	-3.12	-1.62	0.76	-2.49	-5.79	-2.77	-1.58	-1.39	2.54	4.66		-1.5761
3090	4948	-0.58	-3.76	1.18	5.58	-0.68	0.01	-0.80	-2.00	-0.13	1.29	-1.02	4.80	-2.43	5.04	-1.58	5.06	-7.48	-4.09		-1.5743
3091	3737	-0.09	4.90	-0.36	5.58	-1.37	1.07	-0.80	-3.10	0.19	-1.25	-2.38	0.10	-2.07	-0.16	-0.47	1.13	-4.98	2.50		-1.5557
3092	2542	-0.23	6.71	0.04	-5.55	-0.33	0.01	1.56	3.50	0.34	-1.62	1.99	-2.49	-1.90	-3.34	2.86	-0.77	-4.98	2.63		-1.5551
3093	2737	-0.65	-12.07	3.22	0.01	1.75	0.01	1.56	-2.45	5.01	-1.25	-2.24	1.30	3.37	-0.69	3.41	1.35	7.55	-10.75		-1.5520
3094	1370	-1.09	2.11	-0.90	5.58	-1.72	-0.52	1.09	-7.31	-1.44	-1.98	-2.25	0.10	-3.90	-3.17	2.86	-1.06	12.56	-0.51		-1.5484
3095	696	-1.19	-3.11	-0.23	5.58	-1.37	0.01	-0.80	-5.64	-0.17	0.57	-0.64	0.10	-2.48	-0.81	-0.47	3.11	10.05	-4.03		-1.5310
3096	2555	-1.16	14.33	-2.82	0.01	-1.37	-0.52	1.56	-0.64	-3.92	-3.43	2.24	-2.49	-6.71	-4.12	1.75	0.66	-9.99	15.10		-1.5256
3097	3234	0.38	7.64	-0.68	11.14	-0.68	0.01	-0.34	0.55	-1.00	-2.71	-0.04	-2.49	-3.40	-1.85	-1.03	-3.11	-9.99	6.06		-1.5190
3098	1258	-0.32	-5.80	1.57	11.14	1.06	0.01	1.56	-6.16	2.42	-1.98	-2.50	1.30	0.43	-4.58	2.86	-1.92	10.05	-10.64		-1.5000
3099	4142	0.85	-11.03	3.79	0.01	2.10	-1.05	1.56	-1.16	5.70	-2.34	-1.74	1.30	4.15	-0.29	2.86	1.61	5.04	-12.87		-1.4999
3100	2964	1.62	-16.58	2.03	0.01	-0.33	4.25	1.09	-6.62	3.28	3.84	-0.41	0.10	1.38	1.07	3.41	3.09	10.05	-12.75		-1.4719
3101	1903	-0.04	5.16	0.38	-5.55	-0.33	2.13	-0.34	4.36	0.42	-0.53	2.80	-2.49	-1.82	-3.22	-2.14	4.57	-7.48	2.63		-1.4616
3102	5608	-1.10	21.47	-5.61	-11.11	0.02	-4.23	-0.94	13.32	-9.22	1.66	2.56	-1.14	-12.67	4.46	-2.14	-2.25	-17.50	22.97		-1.4521
3103	890	-1.68	14.08	-2.13	0.01	-1.37	-3.70	1.56	-4.40	-2.80	-4.16	0.22	-2.49	-5.43	-4.19	2.86	-4.16	5.04	11.27		-1.4492
3104	1897	0.00	-0.51	-0.12	5.58	0.71	0.01	-0.34	6.00	-0.65	1.66	2.43	-2.49	-3.04	-1.65	-0.47	-2.01	-4.98	-1.57		-1.4453
3105	4106	0.97	7.70	-0.53	-5.55	0.02	0.01	1.56	4.57	-0.35	-2.34	1.18	-2.49	-2.68	-2.05	2.86	-1.58	-7.48	4.74		-1.4451
3106	1078	-1.74	9.77	-1.92	0.01	-1.02	-2.64	1.56	1.26	-2.47	-3.80	1.18	-2.49	-5.06	-4.06	2.86	-3.52	0.03	10.61		-1.4355
3107	260	-1.78	10.16	-2.23	11.14	-1.37	-2.11	-0.34	-3.75	-5.19	-2.34	1.34	-2.49	-8.12	-3.09	-1.58	-2.77	2.54	10.54		-1.4318
3108	1459	-0.35	-1.83	0.58	-5.55	-2.06	1.07	1.09	-9.16	1.05	-1.25	-0.93	0.10	-1.11	-2.40	1.75	4.63	12.56	0.39		-1.4234
3109	3833	0.38	4.61	-1.11	11.14	-0.33	-1.58	1.56	-1.50	-2.49	-1.25	1.14	-2.49	-5.09	-0.99	3.41	-4.46	-4.98	2.61		-1.4208
3110	3503	1.04	-12.58	4.13	0.01	2.10	1.07	-0.34	-0.29	5.78	-1.25	-0.93	1.30	4.24	-0.18	-2.14	6.95	2.54	-12.87		-1.4064
3111	5028	-0.58	-2.77	0.61	5.58	-0.68	1.														

3115	2858	-0.76	1.47	0.51	5.58	-1.72	1.60	1.09	-6.15	1.30	-1.98	-2.63	0.10	-0.83	-2.55	2.86	1.27	0.03	0.57	-1.3804
3116	776	-1.19	-2.12	-0.81	5.58	-1.37	1.07	-0.80	-5.64	-0.87	0.20	-1.45	0.10	-3.27	-0.96	-0.47	2.50	10.05	-1.92	-1.3571
3117	3880	0.81	-1.42	-1.13	11.14	-0.33	1.07	1.56	-2.84	-2.00	-0.53	1.21	-2.49	-4.54	0.19	3.41	-2.16	-4.98	1.64	-1.3571
3118	251	-1.49	12.53	-1.79	0.01	-1.37	-1.58	-0.34	-3.53	-2.72	-3.07	1.03	-2.49	-5.34	-4.07	-2.14	1.18	2.54	11.27	-1.3557
3119	3467	1.16	6.15	-0.20	-5.55	0.02	2.13	-0.34	5.43	-0.27	-1.25	1.99	-2.49	-2.59	-1.94	-2.14	3.76	-9.99	4.74	-1.3516
3120	453	-1.15	6.32	-0.94	-5.55	-0.68	-1.58	-0.34	3.95	-0.89	-0.89	1.82	-2.49	-3.28	-2.44	-0.47	-1.44	2.54	6.15	-1.3431
3121	439	-1.54	8.22	-1.59	0.01	-1.02	-0.52	-0.34	2.12	-2.39	-2.71	1.99	-2.49	-4.98	-3.94	-2.14	1.82	-2.47	10.61	-1.3420
3122	3461	1.20	0.48	-0.70	5.58	1.06	0.01	-0.34	7.07	-1.34	0.93	1.62	-2.49	-3.82	-0.37	-0.47	-2.82	-7.48	0.55	-1.3353
3123	4222	0.85	-10.04	3.21	0.01	2.10	0.01	1.56	-1.16	5.01	-2.71	-2.55	1.30	3.37	-0.44	2.86	1.00	5.04	-10.75	-1.3261
3124	716	-0.60	-5.18	2.17	0.01	-1.02	1.07	-0.80	-4.37	1.45	0.93	-0.69	0.10	-0.65	-1.47	-1.58	5.33	12.56	-8.56	-1.2931
3125	2233	-0.18	-1.99	1.50	0.01	-1.37	2.66	-0.80	-3.45	2.88	0.93	-1.98	0.10	0.96	-0.94	-0.47	3.35	2.54	-5.04	-1.2880
3126	2219	-0.57	-0.09	0.85	5.58	-1.72	3.72	-0.80	-5.28	1.38	-0.89	-1.82	0.10	-0.74	-2.44	-2.14	6.62	-2.47	-0.57	-1.2869
3127	6144	0.98	-12.58	1.69	-11.11	2.79	-0.52	-0.94	9.33	0.96	4.57	-0.47	2.65	-1.20	6.41	-2.14	1.95	2.54	-6.20	-1.2864
3128	4976	-0.82	3.99	-1.04	5.58	-1.37	-0.52	-0.80	-4.09	-2.89	0.20	-1.25	4.80	-5.54	4.57	-1.58	3.08	-7.48	3.91	-1.2561
3129	3913	0.38	5.60	-1.69	11.14	-0.33	-0.52	1.56	-1.50	-3.19	-1.62	0.33	-2.49	-5.87	-1.14	3.41	-5.07	-4.98	4.72	-1.2469
3130	3583	1.04	-11.59	3.55	0.01	2.10	2.13	-0.34	-0.29	5.09	-1.62	-1.74	1.30	3.45	-0.33	-2.14	6.34	2.54	-10.75	-1.2326
3131	56	-1.38	-3.11	-0.21	5.58	0.02	0.01	-0.94	-8.20	-0.08	1.29	-0.64	-2.81	-2.38	0.54	-1.03	3.57	12.56	-4.03	-1.2300
3132	569	-1.27	-11.42	2.81	0.01	1.40	-1.58	-0.34	-1.77	4.47	-1.25	-1.91	1.30	2.77	-0.83	-0.47	1.13	15.06	-9.35	-1.2241
3133	3382	1.50	1.52	-0.12	5.58	1.06	0.01	-0.34	7.28	-0.65	0.20	2.12	-2.49	-3.04	-1.40	-1.03	-2.37	-7.48	-1.57	-1.2193
3134	1714	-0.82	6.00	0.28	11.14	-0.68	-0.52	-0.34	0.50	0.18	-1.98	0.45	-2.49	-2.07	-3.20	-1.03	-1.71	-7.48	2.54	-1.2162
3135	306	-1.15	7.63	-1.70	11.14	-0.68	-1.58	-0.34	-0.66	-3.24	-2.34	0.02	-2.49	-5.93	-3.97	-1.03	-4.65	5.04	4.72	-1.2103
3136	4942	-0.19	0.47	0.07	5.58	-0.68	-1.05	-0.80	-1.00	-0.25	0.57	-1.76	4.80	-2.57	3.84	-1.03	1.80	-4.98	-4.03	-1.2084
3137	5828	1.24	3.02	-0.81	-5.55	0.71	1.07	-0.94	10.47	-2.87	2.75	0.24	-1.14	-5.52	3.15	-2.14	-4.65	-4.98	4.74	-1.2028
3138	4295	0.93	-0.74	0.22	-5.55	-1.02	2.66	1.09	-6.05	2.35	-0.53	-0.95	0.10	0.35	-0.14	2.86	6.49	0.03	-3.30	-1.2005
3139	1031	-1.25	7.56	-2.22	-11.11	-0.68	-0.52	1.56	0.29	-1.43	-1.98	2.85	-2.49	-3.89	-3.07	2.86	1.89	2.54	7.89	-1.1918
3140	4967	-0.53	6.36	-0.60	-5.55	-1.37	0.01	-0.80	-3.87	-0.42	-0.53	-1.56	4.80	-2.76	3.59	-2.14	7.03	-7.48	4.64	-1.1800
3141	1163	-1.25	-1.08	0.25	5.58	-0.33	0.01	1.56	-9.27	2.57	-3.07	-0.95	1.30	0.61	-4.16	2.86	3.20	5.04	-4.03	-1.1602
3142	796	-0.60	-4.19	1.59	0.01	-1.02	2.13	-0.80	-4.37	0.76	0.57	-1.50	0.10	-1.43	-1.62	-1.58	4.72	12.56	-6.45	-1.1192
3143	355	0.12	-1.12	-0.77	0.01	-1.02	-0.52	-0.34	-3.06	0.31	-0.16	1.79	-2.49	-1.93	-1.88	-1.03	0.83	7.55	2.61	-1.1118
3144	1341	-1.15	-7.67	1.32	5.58	-1.02	0.01	1.09	-5.44	1.33	0.20	-1.70	0.10	-0.79	-1.51	3.41	1.09	12.56	-8.51	-1.0987
3145	4586	1.15	-11.07	2.78	-5.55	1.75	-1.58	-0.34	6.46	3.50	-0.53	-0.81	2.21	1.67	5.06	-1.03	-3.55	5.04	-6.23	-1.0772
3146	3718	1.32	0.05	1.50	0.01	-1.02	2.66	-0.80	-2.17	2.88	-0.53	-2.30	0.10	0.96	-0.69	-1.03	3.00	0.03	-5.04	-1.0621
3147	136	-1.38	-2.12	-0.79	5.58	0.02	1.07	-0.94	-8.20	-0.77	0.93	-1.45	-2.81	-3.16	0.39	-1.03	2.96	12.56	-1.92	-1.0562
3148	2360	-0.39	-3.05	-0.16	11.14	-0.33	0.54	1.56	-2.89	-0.82	0.20	1.70	-2.49	-3.20	-1.17	3.41	-0.77	-2.47	-1.88	-1.0543
3149	3077	0.84	-1.99	1.52	0.01	0.36	1.60	-0.94	-4.95	2.98	1.29	-1.98	-2.81	1.08	1.84	-1.03	3.62	2.54	-5.04	-1.0486
3150	3063	0.44	-0.09	0.87	5.58	0.02	2.66	-0.94	-6.78	1.48	-0.53	-1.82	-2.81	1.48	-0.63	0.34	-2.69	6.88	-2.47	-1.0475
3151	1794	-0.82	6.99	-0.29	11.14	-0.68	0.54	-0.34	0.50	-0.51	-2.34	-0.36	-2.49	-2.86	-3.35	-1.03	-2.32	-7.48	4.66	-1.0423
3152	5022	-0.19	1.46	-0.51	5.58	-0.68	0.01	-0.80	-1.00	-0.95	0.20	-2.57	4.80	-3.35	3.69	-1.03	1.19	-4.98	-1.92	-1.0346
3153	6139	1.04	-5.16	-0.31	-5.55	1.06	2.66	-0.94	5.51	2.02	3.48	-1.06	2.65	-0.02	3.80	-1.58	3.20	-9.99	-1.85	-1.0338
3154	4375	0.93	0.24	-0.36	-5.55	-1.02	3.72	1.09	-6.05	1.65	-0.89	-1.76	0.10	-0.43	-0.29	2.86	5.88	0.03	-1.19	-1.0267
3155	6001	-0.76	6.68	-1.91	5.58	1.06	-2.64	-0.94	6.63	-2.42	2.02	-1.45	2.65	-5.00	2.65	-1.03	-2.30	-12.49	2.63	-1.0222
3156	76	-0.79	-5.18	2.19	0.01	0.36	1.07	-0.94	-6.94	1.55	1.66	-0.69	-2.81	-0.54	-0.12	-2.14	5.80	15.06	-8.56	-0.9921
3157	1593	-0.37	-1.99	1.52	0.01	0.02	2.66	-0.94	-6.02	2.98	1.66	-1.98	-2.81	1.06	0.41	-1.03	3.82	5.04	-5.04	-0.9871
3158	1243	-1.25	-0.09	-0.33	5.58	-0.33	1.07	1.56	-9.27	1.87	-3.43	-1.76	1.30	-0.17	-4.31	2.86	2.59	5.04	-1.92	-0.9864
3159	1579	-0.76	-0.09	0.87	5.58	-0.33	3.72	-0.94	-7.85	1.47	-0.16	-1.82	-2.81	-0.64	-1.09	-2.69	7.09	0.03	-0.57	-0.9860
3160	6048	-0.33	0.66	-1.92	5.58	1.06	0.01	-0.94	5.29	-1.92	2.75	-1.38	2.65	-4.44	3.82	-1.03	0.00	-12.49	1.67	-0.9585
3161	3832	0.04	8.52	-1.25	11.14	-0.68	-1.58	1.56	-3.36	-3.95	-2.34	1.83	-2.49	-6.73	-1.37	2.30	-2.14	-7.48	7.03	-0.9397
3162	1421	-1.15	-6.68	0.74	5.58	-1.02	1.07	1.09	-5.44	0.64	-0.16	-2.51	0.10	-1.57	-1.66	3.41	0.48	12.56	-6.40	-0.9248
3163	1183	-0.66	-3.14	2.65	0.01	0.02	1.07	1.56	-8.01	4.19	-2.71	-1.00	1.30	2.44	-4.82	1.75	5.42	7.55	-8.56	-0.9223
3164	4730	-0.83	9.12	-1.53	0.01	0.02	-2.11	-0.34	7.57	-1.98	-1.62	0.85	2.21	-4.51	2.81	-1.03	-1.27	-17.50	9.21	-0.9218
3165	1177	-0.62	-8.82	2.15	11.14	1.06	-1.05	1.56	-6.37	3.12	-0.53	-1.37	1.30	1.22	-3.25	3.41	-1.16	10.05	-12.75	-0.9059
3166	2572	-0.45	-4.67	0.26	-5.55	1.06	-1.58	1.56	4.71	-1.84	-0.16	2.70	-2.49	-4.35	0.13	2.30	0.58	5.04	1.84	-0.8989
3167	1742	-1.06	13.75	-1.94	11.14	-1.37	-1.05	-0.34	-1.59	-2.58	-3.07	0.22	-2.49	-5.18	-3.67	-1.03	-3.70	-7.48	10.54	-0.8980
3168	5949	-0.76	16.31	-4.95	-11.11	0.71	-2.11	-0.94	16.19	-7.10	2.75	1.55	-1.14	-10.29	3.58	-1.03	-4.21	-15.00	16.66	-0.8838
3169	2440	-0.39	-2.06	-0.74	11.14	-0.33	1.60	1.56	-2.89	-1.51	-0.16	0.89	-2.49	-3.99	-1.32	3.41	-1.38	-2.47	0.24	-0.8804
3170	4622	1.42	-1.63	1.29	-5.55	0.02	-0.52	-0.34	2.62	1.86	1.29	0.93	2.21	-0.18	4.28	-1.03	-0.64	-4.98	-1.92	-0.8754
3171	6081	-0.76	7.67	-2.49	5.58	1.06	-1.58	-0.94	6.63	-3.11	1.66	-2.26	2.65	-5.78	2.50	-1.03	-2.91	-12.49	4.75	-0.8484
3172	3947	2.26	-12.62	3.13	-5.55	1.40	1.60	1.56	1.41	3.63	-1.98	0.00	-2.49	1.81	-0.12	1.75	-0.44	10.05	-6.23	-0.8315
3173	1936	0.19	-0.42	-1.38	5.58	0.36	0.54	-0.34	3.59	-1.73	1.66	2.75	-2.49	-4.26	-0.88	-0.47	-0.51	-4.98	1.95	-0.8244
3174	156	-0.79	-4.19	1.61	0.01	0.36	2.13	-0.94	-6.94	0.85	1.29	-1.50	-2.81	-1.33	-0.27	-2.14	5.19	15.06	-6.45	-0.8183
3175	2339	-0.87	10.89	-0.81	0.01	-1.02	0.01	1.56	-4.21	-1.49	-2.71	1.51	-2.49	-3.96	-3.78	1.75	2.01	-4.98	7.75	-0.7985
3176	2541	-0.53	4.68	0.04	-5.55	-0.33	0.01	1.56	3.28	0.34	-0.53	2.31	-2.49	-1.89	-2.15	3.41	-0.62	-4.98	2.63	-0.7872
3177	2527	-0.93	6.58	-0.61	0.01	-0.68	1.07	1.56	1.45	-1.16	-2.34	2.47	-2.49	-3.60	-3.65	1.75	2.65</			

3180	5870	-0.46	17.35	-4.38	-11.11	0.71	-2.11	-0.94	16.41	6.42	2.02	2.04	-1.14	-9.51	2.55	-1.58	-3.76	-15.00	14.55	9.14	Exhibit JP-2	-0.7679
3181	3912	0.04	9.51	-1.83	11.14	-0.68	-0.52	1.56	-3.36	-4.64	-2.71	1.02	-2.49	-7.52	-1.52	2.30	-2.75	-7.48	9.14	9.14	Exhibit JP-2	-0.7659
3182	2198	0.12	-1.59	2.46	0.01	-1.02	2.13	-0.80	-2.21	4.06	0.20	-1.81	0.10	2.29	-2.05	-1.03	4.39	2.54	-8.56	-8.56	Exhibit JP-2	-0.7593
3183	3311	2.90	-8.38	1.48	5.58	0.71	3.72	-0.34	0.29	3.73	-0.16	0.05	-2.49	1.90	-1.12	-1.03	-1.53	0.03	-6.12	-6.12	Exhibit JP-2	-0.7571
3184	3233	0.09	5.60	-0.68	11.14	-0.68	0.01	-0.34	0.33	-0.99	-1.62	0.28	-2.49	-3.40	-0.66	-0.47	-2.96	-9.99	6.06	6.06	Exhibit JP-2	-0.7511
3185	1263	-0.66	-2.16	2.07	0.01	0.02	2.13	1.56	-8.01	3.50	-3.07	-1.81	1.30	1.66	-4.97	1.75	4.81	7.55	-6.45	-6.45	Exhibit JP-2	-0.7485
3186	2388	-0.63	4.70	-2.38	11.14	-1.02	0.01	1.56	-4.98	-3.58	-0.89	1.47	-2.49	-6.32	-1.64	3.41	-2.76	-2.47	6.12	6.12	Exhibit JP-2	-0.7361
3187	1257	-0.62	-7.83	1.57	11.14	1.06	0.01	1.56	-6.37	2.43	-0.89	-2.18	1.30	0.43	-3.40	3.41	-1.77	10.05	-10.64	-10.64	Exhibit JP-2	-0.7321
3188	4141	0.56	-13.06	3.79	0.01	2.10	-1.05	1.56	-1.38	5.71	-1.25	-1.43	1.30	4.16	0.89	3.41	1.76	5.04	-12.87	-12.87	Exhibit JP-2	-0.7320
3189	3367	0.57	7.22	-2.02	0.01	-0.33	1.07	-0.34	4.17	-1.20	-1.25	2.85	-2.49	-3.64	-1.13	-1.03	2.15	-12.49	7.16	7.16	Exhibit JP-2	-0.7057
3190	5084	1.26	-20.82	3.67	-11.11	1.06	1.07	-0.80	1.48	3.13	4.20	-0.47	4.80	1.24	8.79	-1.58	6.20	10.05	-12.87	-12.87	Exhibit JP-2	-0.7047
3191	534	-0.97	-11.03	3.78	0.01	1.75	-2.11	-0.34	-0.53	5.65	-1.98	-1.74	1.30	4.10	-1.94	-1.03	2.18	15.06	-12.87	-12.87	Exhibit JP-2	-0.6954
3192	889	-1.97	12.05	-2.13	0.01	-1.37	-3.70	1.56	-4.62	-2.79	-3.07	0.53	-2.49	-5.42	-3.01	3.41	-4.01	5.04	11.27	11.27	Exhibit JP-2	-0.6813
3193	4105	0.67	5.67	-0.53	-5.55	0.02	0.01	1.56	4.35	-0.34	-1.25	1.50	-2.49	-2.67	-0.87	3.41	-1.43	-7.48	4.74	4.74	Exhibit JP-2	-0.6772
3194	4091	0.28	7.57	-1.18	0.01	-0.33	1.07	1.56	2.52	-1.85	-3.07	1.66	-2.49	-4.37	-2.37	1.75	1.84	-12.49	9.21	9.21	Exhibit JP-2	-0.6761
3195	1077	-2.03	7.74	-1.92	0.01	-1.02	-2.64	1.56	1.04	-2.47	-2.71	1.49	-2.49	-5.05	-2.88	3.41	-3.37	0.03	10.61	10.61	Exhibit JP-2	-0.6676
3196	2379	-0.34	7.06	-1.94	0.01	-1.02	0.54	1.56	-4.76	-1.11	-1.62	1.15	-2.49	-3.53	-2.62	2.86	1.19	-2.47	6.85	6.85	Exhibit JP-2	-0.6600
3197	2567	-0.39	2.75	-1.73	0.01	-0.68	1.60	1.56	0.90	-0.78	-1.25	2.11	-2.49	-3.17	-2.49	2.86	1.83	-7.48	6.19	6.19	Exhibit JP-2	-0.6463
3198	498	-0.85	7.70	-0.55	-5.55	-0.33	-1.05	-0.34	5.19	-0.40	-1.98	1.18	-2.49	-2.73	-3.70	-1.03	-1.01	2.54	4.74	4.74	Exhibit JP-2	-0.6406
3199	3983	2.53	-3.19	1.64	-5.55	-0.33	2.66	1.56	-2.43	1.99	-0.16	1.74	-2.49	-0.05	-0.90	1.75	2.48	0.03	-1.92	-1.92	Exhibit JP-2	-0.6298
3200	1849	0.72	-13.10	2.77	-5.55	1.06	-0.52	-0.34	3.76	3.45	2.02	1.31	-2.49	1.61	1.74	-0.47	-0.42	10.05	-6.23	-6.23	Exhibit JP-2	-0.6288
3201	2419	-0.87	11.88	-1.39	0.01	-1.02	1.07	1.56	-4.21	-2.18	-3.07	0.70	-2.49	-4.74	-3.93	1.75	1.40	-4.98	9.87	9.87	Exhibit JP-2	-0.6246
3202	1340	-1.49	-3.76	1.18	5.58	-1.37	0.01	1.09	-7.29	-0.13	-0.89	-1.02	0.10	-2.43	-1.90	2.30	3.40	10.05	-4.09	-4.09	Exhibit JP-2	-0.6176
3203	225	-1.44	4.61	-1.12	11.14	-0.68	-2.64	-0.34	-0.88	-2.54	-0.89	1.14	-2.49	-5.14	-2.63	-0.47	-3.89	5.04	2.61	2.61	Exhibit JP-2	-0.6162
3204	3977	2.58	-8.86	1.14	5.58	0.71	0.54	1.56	-0.79	0.92	2.02	1.37	-2.49	-1.27	0.67	3.41	-4.11	2.54	-6.12	-6.12	Exhibit JP-2	-0.6134
3205	2857	-1.06	-0.57	0.51	5.58	-1.72	1.60	1.09	-6.37	1.30	-0.89	-2.31	0.10	-0.82	-1.37	3.41	1.43	0.03	-0.57	-0.57	Exhibit JP-2	-0.6125
3206	2278	0.12	-0.60	1.89	0.01	-1.02	3.19	-0.80	-2.21	3.37	-0.16	-2.62	0.10	1.51	-2.20	-1.03	3.78	2.54	-6.45	-6.45	Exhibit JP-2	-0.5854
3207	370	1.05	-6.83	1.13	5.58	0.36	-0.52	-0.34	0.05	0.86	1.29	1.05	-2.49	-1.33	-2.16	-1.03	-3.69	12.56	-6.12	-6.12	Exhibit JP-2	-0.5768
3208	4026	0.97	6.71	0.04	-5.55	0.02	0.01	1.56	4.57	0.34	-1.98	1.99	-2.49	-1.89	-1.90	2.86	-0.97	-7.48	2.63	2.63	Exhibit JP-2	-0.5613
3209	4221	0.56	-12.07	3.22	0.01	2.10	0.01	1.56	-1.38	5.02	-1.62	-2.24	1.30	3.37	0.74	3.41	1.15	5.04	-10.75	-10.75	Exhibit JP-2	-0.5582
3210	272	-1.01	-1.42	-1.14	11.14	-0.68	0.01	-0.34	-2.21	-2.05	-0.16	1.21	-2.49	-4.59	-1.46	-0.47	-1.59	5.04	1.64	1.64	Exhibit JP-2	-0.5525
3211	6000	-1.10	10.60	-2.04	5.58	0.71	-2.64	-0.94	4.78	-3.87	0.93	-0.76	2.65	-6.64	2.26	-2.14	0.02	-15.00	7.05	7.05	Exhibit JP-2	-0.5412
3212	4039	0.04	14.33	-2.82	0.01	-1.02	-0.52	1.56	0.43	-3.92	-3.80	2.24	-2.49	-6.70	-2.69	1.75	0.46	-12.49	15.10	15.10	Exhibit JP-2	-0.5318
3213	614	-0.97	-10.04	3.20	0.01	1.75	-1.05	-0.34	-0.53	4.96	-2.34	-2.55	1.30	3.31	-2.09	-1.03	1.57	15.06	-10.75	-10.75	Exhibit JP-2	-0.5215
3214	3042	1.13	-1.59	2.49	0.01	0.71	1.07	-0.94	-3.71	4.16	0.57	-1.81	-2.81	2.41	0.73	-1.58	4.66	2.54	-8.56	-8.56	Exhibit JP-2	-0.5199
3215	2408	-0.04	2.63	0.03	5.58	-0.68	1.07	1.56	-3.71	-1.95	-0.53	1.42	-2.49	-4.48	-2.30	2.30	-0.53	0.03	1.59	1.59	Exhibit JP-2	-0.4982
3216	4448	2.82	-16.58	2.03	0.01	0.02	4.25	1.09	-5.56	3.29	3.48	-0.41	0.10	1.38	2.50	3.41	2.88	7.55	-12.75	-12.75	Exhibit JP-2	-0.4781
3217	3387	1.16	5.16	0.38	-5.55	0.02	2.13	-0.34	5.43	0.43	-0.89	2.80	-2.49	-1.81	-1.79	-2.14	4.37	-9.99	2.63	2.63	Exhibit JP-2	-0.4678
3218	6131	0.80	0.95	-1.56	-5.55	0.71	0.54	-0.94	4.44	0.44	2.75	-0.80	2.65	-1.79	3.40	-1.58	2.42	-9.99	2.63	2.63	Exhibit JP-2	-0.4677
3219	1558	-0.07	-1.59	2.49	0.01	0.36	2.13	-0.94	-4.78	4.15	0.93	-1.81	-2.81	2.39	-0.70	-1.58	4.86	5.04	-8.56	-8.56	Exhibit JP-2	-0.4583
3220	5079	1.32	-13.40	1.67	-5.55	-0.68	4.25	-0.80	-2.34	4.19	3.11	-1.06	4.80	2.42	6.18	-1.03	7.46	-2.47	-8.51	-8.51	Exhibit JP-2	-0.4521
3221	3381	1.20	-0.51	-0.12	5.58	1.06	0.01	-0.34	7.07	-0.65	1.29	2.43	-2.49	-3.04	-0.22	-0.47	-2.21	-7.48	-1.57	-1.57	Exhibit JP-2	-0.4514
3222	5358	-0.45	19.05	-5.09	-11.11	0.71	-3.70	-0.94	16.04	-7.28	1.66	1.23	2.09	-10.48	1.07	-1.58	-3.82	-15.00	17.14	17.14	Exhibit JP-2	-0.4484
3223	1713	-1.12	3.97	0.28	11.14	-0.68	-0.52	-0.34	0.28	0.19	-0.89	0.76	-2.49	-2.06	-2.02	-0.47	-1.56	-7.48	2.54	2.54	Exhibit JP-2	-0.4483
3224	1420	-1.49	-2.77	0.60	5.58	-1.37	1.07	1.09	-7.29	-0.82	-1.25	-1.83	0.10	-3.21	-2.05	2.30	2.79	10.05	-1.98	-1.98	Exhibit JP-2	-0.4437
3225	305	-1.44	5.60	-1.70	11.14	-0.68	-1.58	-0.34	-0.88	-3.24	-1.25	0.33	-2.49	-5.93	-2.78	-0.47	-4.50	5.04	4.72	4.72	Exhibit JP-2	-0.4424
3226	4941	-0.48	-1.56	0.07	5.58	-0.68	-1.05	-0.80	-1.22	-0.25	1.66	-1.45	4.80	-2.56	5.03	-0.47	1.95	-4.98	-4.03	-4.03	Exhibit JP-2	-0.4405
3227	5908	-0.57	15.41	-5.64	-11.11	0.36	-2.64	-0.94	13.79	-7.49	3.11	2.68	-1.14	-10.72	4.51	-1.03	-2.10	-15.00	18.07	18.07	Exhibit JP-2	-0.4381
3228	3334	2.22	-11.07	2.77	-5.55	1.40	-0.52	-0.34	5.05	3.45	0.57	1.00	-2.49	1.61	1.98	-1.03	-0.77	7.55	-6.23	-6.23	Exhibit JP-2	-0.4029
3229	5948	-1.10	20.23	-5.09	-11.11	0.36	-2.11	-0.94	14.34	-8.56	1.66	2.23	-1.14	-11.93	3.20	-2.14	-1.90	-17.50	21.08	21.08	Exhibit JP-2	-0.4028
3230	687	-0.90	-0.74	0.21	-5.55	-1.37	1.60	-0.80	-5.42	2.30	-0.16	-0.95	0.10	0.30	-1.79	-1.03	7.06	10.05	-3.30	-3.30	Exhibit JP-2	-0.3959
3231	4342	0.44	1.47	0.51	5.58	-1.37	1.60	1.09	-5.08	1.30	-2.34	-2.63	0.10	-0.82	-1.12	2.86	1.07	-2.47	-0.57	-0.57	Exhibit JP-2	-0.3866
3232	4988	-0.05	-7.59	0.06	5.58	-0.68	1.60	-0.80	-2.56	0.25	2.38	-1.38	4.80	-2.00	6.20	-0.47	4.25	-4.98	-4.99	-4.99	Exhibit JP-2	-0.3768
3233	6080	-1.10	11.59	-2.62	5.58	0.71	-1.58	-0.94	4.78	-4.56	0.57	-1.57	2.65	-7.42	2.11	-2.14	-0.59	-15.00	9.17	9.17	Exhibit JP-2	-0.3673
3234	3122	1.13	-0.60	1.91	0.01	0.71	2.13	-0.94	-3.71	3.47	0.20	-2.62	-2.81	1.62	0.58	-1.58	4.05	2.54	-6.45	-6.45	Exhibit JP-2	-0.3460
3235	4585	0.85	-13.10	2.78	-5.55	1.75	-1.58	-0.34	6.24	3.50	0.57	-0.50	2.21	1.68	6.24	-0.47	-3.40	5.04	-6.23	-6.23	Exhibit JP-2	-0.3093
3236	1368	-1.72	3.99	-1.04	5.58	-2.06	-0.52	1.09	-9.38	-2.89	-1.98	-1.25	0.10	-5.54	-2.37	2.30	1.42	10.05	3.91	3.91	Exhibit JP-2	-0.2994
3237	3717</																					

3245	1359	-1.43	6.36	-0.60	-5.55	-2.06	0.01	1.09	-9.16	0.42	-2.71	-1.56	0.10	-2.76	-3.35	1.75	5.37	10.05	4.64	-0.2233
3246	3198	0.38	6.00	0.28	11.14	-0.33	-0.52	-0.34	1.57	0.19	-2.34	0.45	-2.49	-2.07	-1.77	-1.03	-1.92	-9.99	2.54	-0.2223
3247	767	-0.90	0.24	-0.37	-5.55	-1.37	2.66	-0.80	-5.42	1.60	-0.53	-1.76	0.10	-0.48	-1.93	-1.03	6.45	10.05	-1.19	-0.2221
3248	4824	0.48	-8.73	0.89	11.14	1.40	0.54	-0.34	-3.49	2.04	1.66	-1.05	6.00	0.00	4.46	-0.47	2.00	-7.48	-9.24	-0.1841
3249	5654	-0.46	18.94	-5.09	-11.11	0.71	-2.64	-0.94	16.41	-7.28	1.66	1.23	-1.14	-10.48	3.59	-1.58	-4.13	-15.00	17.14	-0.1716
3250	4729	-1.13	7.09	-1.53	0.01	0.02	-2.11	-0.34	7.35	-1.97	-0.53	1.17	2.21	-4.50	3.99	-0.47	-1.12	-17.50	9.21	-0.1539
3251	224	-1.78	8.52	-1.26	11.14	-1.02	-2.64	-0.34	-2.73	-4.00	-1.98	1.83	-2.49	-6.78	-3.02	-1.58	-1.57	2.54	7.03	-0.1351
3252	1741	-1.35	11.71	-1.93	11.14	-1.37	-1.05	-0.34	-1.81	-2.57	-1.98	0.53	-2.49	-5.18	-2.49	-0.47	-3.55	-7.48	10.54	-0.1301
3253	978	0.24	-11.07	2.78	-5.55	1.06	-1.58	1.56	1.17	3.50	-2.71	-0.81	-2.49	1.67	-1.88	2.86	-5.21	22.57	-6.23	-0.1205
3254	4621	1.12	-3.67	1.29	-5.55	0.02	-0.52	-0.34	2.40	1.86	2.38	1.24	2.21	-0.18	5.46	-0.47	-0.48	-4.98	-1.92	-0.1075
3255	4607	0.73	-1.77	0.64	0.01	-0.33	0.54	-0.34	0.57	0.36	0.57	1.41	2.21	-1.88	3.97	-2.14	2.78	-9.99	2.54	-0.1064
3256	47	-1.09	-0.74	0.23	-5.55	0.02	1.60	-0.94	-7.98	2.39	0.57	-0.95	-2.81	0.41	-0.44	-1.58	7.53	12.56	-3.30	-0.0950
3257	2822	-0.76	-0.17	1.48	5.58	-1.37	1.07	1.09	-5.13	2.48	-1.62	-2.14	0.10	0.51	-2.48	2.86	2.47	0.03	-4.09	-0.0838
3258	1414	-1.09	1.46	-0.51	5.58	-1.37	0.01	1.09	-6.29	-0.95	-1.98	-2.57	0.10	-3.35	-3.24	2.86	-0.47	12.56	-1.92	-0.0779
3259	3844	0.81	-3.05	-0.16	11.14	0.02	0.54	1.56	-1.82	-0.81	-0.16	1.70	-2.49	-3.20	0.26	3.41	-0.97	-4.98	-1.88	-0.0604
3260	2599	-1.16	13.68	-2.43	0.01	-1.02	0.01	1.56	0.38	-3.43	-3.43	1.92	-2.49	-6.15	-4.20	1.75	1.25	-9.99	13.69	-0.0551
3261	4462	-0.77	12.45	-1.16	0.01	-0.33	-3.17	-0.34	1.91	-1.61	-1.62	0.70	2.21	-4.09	2.83	-1.03	-1.31	-12.49	7.75	-0.0503
3262	3278	0.38	6.99	-0.29	11.14	-0.33	0.54	-0.34	1.57	-0.50	-2.71	-0.36	-2.49	-2.85	-1.92	-1.03	-2.53	-9.99	4.66	-0.0485
3263	4650	-0.83	8.13	-0.96	0.01	0.02	-2.11	-0.34	7.57	-1.29	-1.25	1.66	2.21	-3.73	2.96	-1.03	-0.67	-17.50	7.10	-0.0379
3264	339	0.43	-12.62	3.12	-5.55	1.06	0.54	-0.34	2.04	3.58	-1.62	0.00	-2.49	1.75	-1.77	-2.14	0.13	20.07	-6.23	-0.0270
3265	4677	-1.37	13.85	-3.17	0.01	-0.68	-3.70	-0.34	5.26	-4.04	-1.25	1.75	2.21	-6.83	3.67	-0.47	-2.50	-17.50	15.10	-0.0095
3266	5869	-0.76	15.32	-4.37	-11.11	0.71	-2.11	-0.94	16.19	-6.41	3.11	2.36	-1.14	-9.50	3.73	-1.03	-3.61	-15.00	14.55	0.0000
3267	5236	1.25	3.73	-0.94	-5.55	0.71	-0.52	-0.94	10.10	-3.04	2.75	0.24	2.09	-5.71	1.82	-2.14	-4.10	-4.98	5.22	0.0006
3268	2197	-0.18	-3.62	2.46	0.01	-1.02	2.13	-0.80	-2.43	4.07	1.29	-1.50	0.10	2.30	-0.86	-0.47	4.55	2.54	-8.56	0.0086
3269	2183	-0.57	-1.72	1.81	5.58	-1.37	3.19	-0.80	-4.26	2.56	-0.53	-1.33	0.10	0.60	-2.36	-2.14	7.81	-2.47	-4.09	0.0097
3270	1122	-1.74	9.12	-1.53	0.01	-0.68	-2.11	1.56	2.28	-1.98	-3.80	0.85	-2.49	-4.51	-4.13	2.86	-2.93	0.03	9.21	0.0349
3271	304	-1.78	9.51	-1.84	11.14	-1.02	-1.58	-0.34	-2.73	-4.69	-2.34	1.02	-2.49	-7.57	-3.17	-1.58	-2.18	2.54	9.14	0.0387
3272	4940	-0.82	2.35	-0.07	5.58	-1.02	-1.05	-0.80	-3.07	-1.70	0.57	-0.76	4.80	-4.20	4.64	-1.58	4.27	-7.48	0.39	0.0405
3273	6146	1.73	-4.75	0.34	0.01	2.10	0.54	-0.94	7.56	0.99	4.20	-1.54	2.65	-1.19	3.12	-1.58	-2.10	-4.98	-6.09	0.0674
3274	533	-1.27	-13.06	3.78	0.01	1.75	-2.11	-0.34	-0.75	5.66	-0.89	-1.43	1.30	4.11	-0.76	-0.47	2.33	15.06	-12.87	0.0725
3275	127	-1.09	0.24	-0.35	-5.55	0.02	2.66	-0.94	-7.98	1.70	0.20	-1.76	-2.81	-0.38	-0.59	-1.58	6.92	12.56	-1.19	0.0789
3276	1014	0.52	-1.63	1.29	-5.55	-0.68	-0.52	1.56	-2.67	1.86	-0.89	0.93	-2.49	-0.19	-2.66	2.86	-2.30	12.56	-1.92	0.0813
3277	2902	-0.76	0.82	0.90	5.58	-1.37	2.13	1.09	-5.13	1.79	-1.98	-2.95	0.10	-0.27	-2.63	2.86	1.86	0.03	-1.98	0.0900
3278	4056	0.75	-4.67	0.27	-5.55	1.40	-1.58	1.56	5.78	-1.83	-0.53	2.70	-2.49	-4.34	1.56	2.30	0.38	2.54	1.84	0.0950
3279	3226	0.15	13.75	-1.93	11.14	-1.02	-1.05	-0.34	-0.52	-2.57	-3.43	0.22	-2.49	-5.18	-2.24	-1.03	-3.91	-9.99	10.54	0.0959
3280	3924	0.81	-2.06	-0.73	11.14	0.02	1.60	1.56	-1.82	-1.50	-0.53	0.89	-2.49	-3.98	0.11	3.41	-1.58	-4.98	0.24	0.1134
3281	5071	1.08	-7.29	0.42	-5.55	-1.02	2.13	-0.80	-3.41	2.61	2.38	-0.80	4.80	0.65	5.78	-1.03	6.67	-2.47	-4.03	0.1140
3282	4542	-0.77	13.43	-1.74	0.01	-0.33	-2.11	-0.34	1.91	-2.31	-1.98	-0.11	2.21	-4.87	2.68	-1.03	-1.91	-12.49	9.87	0.1236
3283	497	-1.15	5.67	-0.54	-5.55	-0.33	-1.05	-0.34	4.98	-0.39	-0.89	1.50	-2.49	-2.72	-2.52	-0.47	-0.86	2.54	4.74	0.1274
3284	483	-1.54	7.57	-1.19	0.01	-0.68	0.01	-0.34	3.15	-1.90	-2.71	1.66	-2.49	-4.42	-4.02	-2.14	2.41	-2.47	9.21	0.1284
3285	3420	1.40	-0.42	-1.38	5.58	0.71	0.54	-0.34	4.66	-1.73	1.29	2.75	-2.49	-4.25	0.55	-0.47	-0.71	-7.48	1.95	0.1694
3286	375	0.71	-3.19	1.63	-5.55	-0.68	1.60	-0.34	-1.80	1.94	0.20	1.74	-2.49	-0.10	-2.54	-2.14	3.05	10.05	-1.92	0.1748
3287	1070	-1.97	15.88	-3.17	0.01	-1.37	-3.70	1.56	0.19	-4.05	-4.53	1.43	-2.49	-6.84	-4.46	2.86	-4.31	0.03	15.10	0.1793
3288	2277	-0.18	-2.64	1.89	0.01	-1.02	3.19	-0.80	-2.43	3.38	0.93	-2.31	0.10	1.51	-1.01	-0.47	3.94	2.54	-6.45	0.1825
3289	2263	-0.57	-0.74	1.24	5.58	-1.37	4.25	-0.80	-4.26	1.87	-0.89	-2.14	0.10	-0.19	-2.51	-2.14	7.20	-2.47	-1.98	0.1836
3290	369	0.75	-8.86	1.13	5.58	0.36	-0.52	-0.34	-0.17	0.86	2.38	1.37	-2.49	-1.33	-0.98	-0.47	-3.54	12.56	-6.12	0.1911
3291	3823	0.34	10.89	-0.81	0.01	-0.68	0.01	1.56	-3.14	-1.48	-3.07	1.51	-2.49	-3.95	-2.35	1.75	1.81	-7.48	7.75	0.1954
3292	4025	0.67	4.68	0.04	-5.55	0.02	0.01	1.56	4.35	0.35	-0.89	2.31	-2.49	-1.89	-0.72	3.41	-0.82	-7.48	2.63	0.2066
3293	4011	0.28	6.58	-0.61	0.01	-0.33	1.07	1.56	2.52	-1.15	-2.71	2.47	-2.49	-3.59	-2.22	1.75	2.45	-12.49	7.10	0.2077
3294	5020	-0.82	3.34	-0.64	5.58	-1.02	0.01	-0.80	-3.07	-2.39	0.20	-1.57	4.80	-4.98	4.49	-1.58	3.66	-7.48	2.50	0.2144
3295	2850	-1.00	7.58	-0.74	5.58	-2.06	0.54	1.09	-7.22	-0.28	-2.71	-2.37	0.10	-2.60	-2.95	2.86	0.48	0.03	3.91	0.2344
3296	3682	1.32	-1.59	2.46	0.01	-0.68	2.13	-0.80	-1.15	4.07	-0.16	-1.81	0.10	2.30	-0.62	-1.03	4.19	0.03	-8.56	0.2345
3297	418	-0.85	6.71	0.03	-5.55	-0.33	-1.05	-0.34	5.19	0.29	-1.62	1.99	-2.49	-1.95	-3.55	-1.03	-0.40	2.54	2.63	0.2433
3298	613	-1.27	-12.07	3.20	0.01	1.75	-1.05	-0.34	-0.75	4.97	-1.25	-2.24	1.30	3.32	-0.91	-0.47	1.72	15.06	-10.75	0.2464
3299	3041	0.84	-3.62	2.49	0.01	0.71	1.07	-0.94	-3.93	4.17	1.66	-1.50	-2.81	2.41	1.91	-1.03	4.81	2.54	-8.56	0.2480
3300	3027	0.44	-1.72	1.84	5.58	0.36	2.13	-0.94	-5.76	2.66	-0.16	-1.33	-2.81	0.71	0.42	-2.69	8.08	-2.47	-4.09	0.2491
3301	1476	0.35	-20.82	3.67	-11.11	0.36	1.07	1.09	-3.81	3.13	2.02	-0.47	0.10	1.24	1.85	2.30	4.54	27.58	-12.87	0.2520
3302	3872	0.57	4.70	-2.37	11.14	-0.68	0.01	1.56	-3.91	-3.57	-1.25	1.47	-2.49	-6.31	-0.21	3.41	-2.96	-4.98	6.12	0.2578
3303	431	-1.78	14.33	-2.84	0.01	-1.37	-1.58	-0.34	1.06	-3.97	-3.43	2.24	-2.49	-6.75	-4.34	-2.14	1.03	-2.47	15.10	0.2728
3304	5532	1.24	3.62	-0.94	-5.55	0.71	0.54	-0.94	10.47	-3.04	2.75	0.24	-1.14	-5.71	4.34	-2.14	-4.42	-4.98	5.22	0.2773
3305	1557	-0.37	-3.62	2.49	0.01	0.36	2.13	-0.94	-5.00	4.16	2.02	-1.50	-2.81	2.40	0.48	-1.03	5.02	5.04	-8.56	0.3096
3306	1543	-0.76	-1.72	1.84	5.58	0.02	3.19	-0.94	-6.82	2.66	0.20	-1.33	-2.81	0.70	-1.01	-2.69	8.28	0.03	-4.09	0.3107
3307	5357	-0.74	17.02	-5.08	-11.11	0.71	-3.70	-0.94	15.82	-7.27	2.75	1.55	2.09	-10.47	2.25					

3310	3863	0.87	7.06	-1.94	0.01	-0.68	0.54	1.56	-3.69	1.10	-1.98	1.15	-2.49	-3.53	-1.19	2.86	0.99	-4.98	6.85	0.3338
3311	6012	-0.33	-0.98	-0.95	5.58	1.40	-0.52	-0.94	6.32	-0.73	3.11	-0.89	2.65	-3.10	3.90	-1.03	1.19	-12.49	-1.85	0.3381
3312	4051	0.81	2.75	-1.73	0.01	-0.33	1.60	1.56	1.96	-0.78	-1.62	2.11	-2.49	-3.17	-1.06	2.86	1.63	-9.99	6.19	0.3475
3313	3333	1.93	-13.10	2.77	-5.55	1.40	-0.52	-0.34	4.83	3.45	1.66	1.31	-2.49	1.61	3.17	-0.47	-0.62	7.55	-6.23	0.3650
3314	3903	0.34	11.88	-1.39	0.01	-0.68	1.07	1.56	-3.14	-2.17	-3.43	0.70	-2.49	-4.74	-2.50	1.75	1.20	-7.48	9.87	0.3692
3315	4341	0.14	-0.57	0.51	5.58	-1.37	1.60	1.09	-5.30	1.31	-1.25	-2.31	0.10	-0.81	0.06	3.41	1.22	-2.47	-0.57	0.3813
3316	1706	-1.06	12.11	-0.97	11.14	-1.02	-1.58	-0.34	-0.57	-1.39	-2.71	0.70	-2.49	-3.85	-3.60	-1.03	-2.51	-7.48	7.03	0.3987
3317	3762	1.32	-0.60	1.89	0.01	-0.68	3.19	-0.80	-1.15	3.37	-0.53	-2.62	0.10	1.51	-0.76	-1.03	3.58	0.03	-6.45	0.4084
3318	734	-1.38	1.47	0.50	5.58	-1.72	0.54	-0.80	-4.45	1.25	-1.98	-2.63	0.10	-0.87	-2.77	-1.03	1.64	7.55	-0.57	0.4180
3319	3121	0.84	-2.64	1.91	0.01	0.71	2.13	-0.94	-3.93	3.47	1.29	-2.31	-2.81	1.63	1.77	-1.03	4.20	2.54	-6.45	0.4219
3320	3107	0.44	-0.74	1.26	5.58	0.36	3.19	-0.94	-5.76	1.97	-0.53	-2.14	-2.81	-0.07	0.27	-2.69	7.47	-2.47	-1.98	0.4230
3321	2935	1.76	-14.55	2.68	0.01	-0.33	6.37	1.09	-6.41	6.03	0.57	-2.54	0.10	4.47	-1.83	2.86	2.85	10.05	-12.75	0.4316
3322	5278	-0.45	18.06	-4.51	-11.11	0.71	-3.70	-0.94	16.04	-6.58	2.02	2.04	2.09	-9.70	1.22	-1.58	-3.21	-15.00	15.03	0.4354
3323	2574	0.30	3.16	-1.08	5.58	0.36	-0.52	1.56	2.94	-1.81	-0.53	1.63	-2.49	-4.35	-3.16	2.86	-3.47	-2.47	1.95	0.4548
3324	4599	0.49	4.34	-0.61	0.01	-0.68	-1.58	-0.34	-0.50	-1.22	-0.16	1.66	2.21	-3.65	3.57	-2.14	1.99	-9.99	7.03	0.4597
3325	5868	-1.10	19.24	-4.51	-11.11	0.36	-2.11	-0.94	14.34	-7.87	2.02	3.04	-1.14	-11.15	3.35	-2.14	-1.29	-17.50	18.97	0.4810
3326	1637	-0.37	-2.64	1.91	0.01	0.36	3.19	-0.94	-5.00	3.47	1.66	-2.31	-2.81	1.62	0.33	-1.03	4.41	5.04	-6.45	0.4834
3327	1623	-0.76	-0.74	1.26	5.58	0.02	4.25	-0.94	-6.82	1.96	-0.16	-2.14	-2.81	-0.08	-1.16	-2.69	7.67	0.03	-1.98	0.4845
3328	3892	1.16	2.63	0.03	5.58	-0.33	1.07	1.56	-2.64	-1.94	-0.89	1.42	-2.49	-4.48	-0.87	2.30	-0.73	-2.47	1.59	0.4957
3329	1471	0.41	-13.40	1.67	-5.55	-1.37	4.25	1.09	-7.62	4.19	0.93	-1.06	0.10	2.42	-0.76	2.86	5.80	15.06	-8.51	0.5045
3330	6092	-0.33	0.01	-1.53	5.58	1.40	0.54	-0.94	6.32	-1.42	2.75	-1.70	2.65	-3.89	3.75	-1.03	0.58	-12.49	0.26	0.5120
3331	1333	-1.38	-1.56	0.07	5.58	-1.37	-1.05	1.09	-6.51	-0.25	-0.53	-1.45	0.10	-2.56	-1.91	3.41	0.29	12.56	-4.03	0.5162
3332	4517	-0.30	0.13	-0.84	11.14	0.02	-1.05	-0.34	2.21	-2.12	0.93	0.40	2.21	-4.67	4.37	-0.47	-2.75	-9.99	1.64	0.5380
3333	3197	0.09	3.97	0.29	11.14	-0.33	-0.52	-0.34	1.35	0.20	-1.25	0.76	-2.49	-2.06	-0.59	-0.47	-1.76	-9.99	2.54	0.5456
3334	2352	-0.63	3.06	-1.41	11.14	-0.68	-0.52	1.56	-3.96	-2.39	-0.53	1.95	-2.49	-4.98	-1.56	3.41	-1.56	-2.47	2.61	0.5606
3335	3055	0.20	6.02	-0.38	5.58	-0.33	1.60	-0.94	-7.85	-0.10	-1.25	-1.56	-2.81	-2.40	-0.06	-2.69	6.09	-2.47	3.91	0.5673
3336	2616	-0.45	-5.32	0.66	-5.55	1.40	-1.05	1.56	5.73	-1.34	-0.16	2.38	-2.49	-3.80	0.05	2.30	1.17	5.04	0.44	0.5716
3337	1786	-1.06	13.10	-1.54	11.14	-1.02	-0.52	-0.34	-0.57	-2.09	-3.07	-0.11	-2.49	-4.63	-3.75	-1.03	-3.12	-7.48	9.14	0.5725
3338	1380	-0.96	-7.59	0.06	5.58	-1.37	1.60	1.09	-7.84	0.25	0.20	-1.38	0.10	-2.00	-0.74	3.41	2.59	12.56	-4.99	0.5799
3339	5991	-0.80	12.97	-1.61	-5.55	0.71	-1.05	-0.94	5.00	-1.40	0.20	-1.08	2.65	-3.86	1.28	-2.69	3.97	-15.00	7.78	0.5939
3340	5653	-0.76	16.90	-5.09	-11.11	0.71	-2.64	-0.94	16.19	-7.27	2.75	1.55	-1.14	-10.48	4.77	-1.03	-3.98	-15.00	17.14	0.5963
3341	6115	1.12	-10.55	2.34	-11.11	2.79	1.60	-0.94	9.55	3.71	1.29	-2.59	2.65	1.89	3.52	-2.69	1.72	2.54	-6.20	0.6172
3342	200	0.81	-16.58	2.04	0.01	1.06	3.19	-0.94	-7.49	3.33	4.57	-0.41	-2.81	1.44	2.20	-1.03	3.92	20.07	-12.75	0.6274
3343	1571	-1.00	6.02	-0.38	5.58	-0.68	2.66	-0.94	-8.92	-0.11	-0.89	-1.56	-2.81	-2.41	-1.49	-2.69	6.29	0.03	3.91	0.6288
3344	1980	0.19	-1.07	-0.99	5.58	0.71	1.07	-0.34	4.61	-1.24	1.66	2.43	-2.49	-3.71	-0.95	-0.47	0.08	-4.98	0.55	0.6461
3345	977	-0.05	-13.10	2.78	-5.55	1.06	-1.58	1.56	0.95	3.50	-1.62	-0.50	-2.49	1.68	-0.70	3.41	-5.06	22.57	-6.23	0.6474
3346	5086	2.01	-13.00	2.32	0.01	0.36	2.13	-0.80	-0.29	3.16	3.84	-1.54	4.80	1.25	5.50	-1.03	2.15	2.54	-12.75	0.6491
3347	6040	-0.57	6.77	-3.17	5.58	0.71	-1.05	-0.94	4.22	-3.49	2.02	-1.12	2.65	-6.22	3.42	-1.03	-0.80	-12.49	6.15	0.6563
3348	2821	-1.06	-2.20	1.48	5.58	-1.37	1.07	1.09	-5.35	2.49	-0.53	-1.82	0.10	0.52	-1.29	3.41	2.62	0.03	-4.09	0.6841
3349	1413	-1.38	-0.57	-0.51	5.58	-1.37	0.01	1.09	-6.51	-0.94	-0.89	-2.26	0.10	-3.34	-2.06	3.41	-0.32	12.56	-1.92	0.6900
3350	4722	-1.07	15.23	-2.78	0.01	-0.33	-3.17	-0.34	6.50	-3.56	-2.34	1.11	2.21	-6.28	2.41	-1.03	-2.07	-17.50	13.69	0.6931
3351	1307	0.94	-14.55	2.50	0.01	0.71	3.19	1.56	-8.56	5.98	0.20	-0.73	1.30	4.42	-2.50	2.86	3.55	12.56	-12.75	0.6973
3352	5574	-0.46	17.95	-4.51	-11.11	0.71	-2.64	-0.94	16.41	-6.59	2.02	2.04	-1.14	-9.70	3.74	-1.58	-3.53	-15.00	15.03	0.7122
3353	4461	-1.07	10.41	-1.16	0.01	-0.33	-3.17	-0.34	1.69	-1.61	-0.53	1.02	2.21	-4.08	4.01	-0.47	-1.15	-12.49	7.75	0.7176
3354	94	-1.57	1.47	0.52	5.58	-0.33	0.54	-0.94	-7.02	1.34	-1.25	-2.63	-2.81	-0.77	-1.42	-1.58	2.11	10.05	-0.57	0.7189
3355	3277	0.09	4.96	-0.29	11.14	-0.33	0.54	-0.34	1.35	-0.50	-1.62	-0.05	-2.49	-2.84	-0.74	-0.47	-2.37	-9.99	4.66	0.7194
3356	910	-0.91	2.17	-0.84	11.14	-0.68	-1.05	1.56	-2.86	-2.13	-2.34	0.09	-2.49	-4.67	-3.75	2.86	-4.56	7.55	1.64	0.7268
3357	4649	-1.13	6.10	-0.95	0.01	0.02	-2.11	-0.34	7.35	-1.28	-0.16	1.98	2.21	-3.72	4.14	-0.47	-0.51	-17.50	7.10	0.7300
3358	6031	-0.27	9.14	-2.73	-5.55	0.71	-0.52	-0.94	4.44	-1.02	1.29	-1.44	2.65	-3.43	2.44	-1.58	3.15	-12.49	6.88	0.7324
3359	2432	-0.63	4.05	-1.98	11.14	-0.68	0.54	1.56	-3.96	-3.08	-0.89	1.14	-2.49	-5.76	-1.71	3.41	-2.17	-2.47	4.72	0.7344
3360	236	-1.01	-3.05	-0.17	11.14	-0.33	-0.52	-0.34	-1.19	-0.86	0.20	1.70	-2.49	-3.25	-1.38	-0.47	-0.40	5.04	-1.88	0.7441
3361	5810	0.46	8.03	-1.51	0.01	0.36	-1.05	-0.94	11.41	-1.89	0.20	-1.21	-1.14	-4.40	1.92	-1.58	-7.14	-9.99	9.21	0.7589
3362	5316	-0.55	16.12	-5.77	-11.11	0.36	-4.23	-0.94	13.42	-7.66	3.11	2.68	2.09	-10.91	3.18	-1.03	-1.55	-15.00	18.54	0.7652
3363	6071	-0.80	13.96	-2.18	-5.55	0.71	0.01	-0.94	5.00	-2.09	-0.16	-1.89	2.65	-4.64	1.14	-2.69	3.36	-15.00	9.89	0.7677
3364	1216	-0.43	-8.73	0.89	11.14	0.71	0.54	1.56	-8.78	2.04	-0.53	-1.05	1.30	0.00	-2.47	3.41	0.34	10.05	-9.24	0.7726
3365	2958	1.08	-17.24	3.96	-11.11	0.36	2.13	1.09	-1.65	5.74	1.29	-1.59	0.10	4.18	1.27	2.86	3.61	17.57	-12.87	0.7858
3366	2372	-0.04	0.99	0.99	5.58	-0.33	0.54	1.56	-2.69	-0.76	-0.16	1.90	-2.49	-3.15	-2.22	2.30	0.66	0.03	-1.92	0.7985
3367	5356	-1.08	20.93	-5.22	-11.11	0.36	-3.70	-0.94	13.97	-8.73	1.66	2.23	2.09	-12.12	1.87	-2.14	-1.35	-17.50	21.56	0.8006
3368	1121	-2.03	7.09	-1.53	0.01	-0.68	-2.11	1.56	2.06	-1.97	-2.71	1.17	-2.49	-4.50	-2.95	3.41	-2.78	0.03	9.21	0.8028
3369	6151	1.39	-1.11	0.85	-11.11	1.06	2.66	-0.94	5.71	2.07	3.11	-0.85	2.65	0.04	2.74	-2.69	4.63	-7.48	-1.90	0.8189
3370	2611	-0.39	2.10	-1.34	0.01	-0.33	2.13	1.56	1.92	-0.29	-1.25	1.79	-2.49	-2.62	-2.56	2.86	2.42	-7.48	4.79	0.8241
3371	2519	-1.16	12.69	-1.86	0.01	-1.02	0.01	1.56	0.38	-2.74	-3.07	2.73	-2.49	-5.37	-4.05	1.75	1.85	-9.99	11.58	0.8287
3372	6145	1.44	-6.79	0.34	0.01	2.10	0.54	-0.94	7.34	0.99	5.29	-								

3375	2901	-1.06	-1.21	0.90	5.58	-1.37	2.13	1.09	-5.35	1.80	-0.89	-2.64	0.10	-0.27	-1.44	3.41	2.01	0.03	1.98	0.8579
3376	3225	-0.15	11.71	-1.93	11.14	-1.02	-1.05	-0.34	-0.74	-2.57	-2.34	0.53	-2.49	-5.17	-1.06	-0.47	-3.75	-9.99	10.54	0.8638
3377	2319	1.27	-18.79	4.30	-11.11	0.36	4.25	-0.80	-0.78	5.82	2.38	-0.78	0.10	4.26	1.39	-2.14	8.95	15.06	-12.87	0.8793
3378	4541	-1.07	11.40	-1.74	0.01	-0.33	-2.11	-0.34	1.69	-2.30	-0.89	0.21	2.21	-4.86	3.86	-0.47	-1.76	-12.49	9.87	0.8915
3379	6060	0.02	4.70	-0.77	0.01	1.06	0.01	-0.94	5.49	-1.87	2.38	-1.17	2.65	-4.38	2.76	-2.14	1.43	-9.99	1.62	0.8942
3380	448	-1.07	-4.67	0.25	-5.55	1.06	-2.64	-0.34	6.41	-1.88	-0.16	2.70	-2.49	-4.40	-0.09	-1.58	0.95	12.56	1.84	0.8995
3381	854	-1.68	12.45	-1.16	0.01	-1.02	-3.17	1.56	-3.38	-1.61	-3.80	0.70	-2.49	-4.09	-4.11	2.86	-2.97	5.04	7.75	0.9064
3382	4306	0.44	-0.17	1.48	5.58	-1.02	1.07	1.09	-4.06	2.49	-1.98	-2.14	0.10	0.52	-1.05	2.86	2.27	-2.47	-4.09	0.9100
3383	316	-1.01	-2.06	-0.75	11.14	-0.33	0.54	-0.34	-1.19	-1.55	-0.16	0.89	-2.49	-4.03	-1.53	-0.47	-1.01	5.04	0.24	0.9180
3384	1042	-1.74	8.13	-0.96	0.01	-0.68	-2.11	1.56	2.28	-1.29	-3.43	1.66	-2.49	-3.73	-3.98	2.86	-2.33	0.03	7.10	0.9188
3385	4952	-0.05	-9.22	1.03	5.58	-0.33	1.07	-0.80	-1.53	1.44	2.75	-0.89	4.80	-0.67	6.28	-0.47	5.44	-4.98	-8.51	0.9198
3386	4083	0.04	13.68	-2.43	0.01	-0.68	0.01	1.56	1.45	-3.42	-3.80	1.92	-2.49	-6.15	-2.77	1.75	1.04	-12.49	13.69	0.9387
3387	1069	-2.27	13.85	-3.17	0.01	-1.37	-3.70	1.56	-0.03	-4.04	-3.43	1.75	-2.49	-6.83	-3.27	3.41	-4.16	0.03	15.10	0.9472
3388	2228	-0.10	-12.98	2.69	0.01	0.36	1.60	-0.80	-1.00	1.89	1.66	-1.10	0.10	-0.16	1.42	-1.58	5.74	12.56	-9.35	0.9546
3389	2559	-0.63	8.86	-2.98	0.01	-1.02	0.54	1.56	-0.17	-2.36	-1.98	2.37	-2.49	-4.95	-2.89	2.86	1.04	-7.48	10.68	0.9685
3390	2452	-0.04	1.98	0.42	5.58	-0.33	1.60	1.56	-2.69	-1.46	-0.53	1.09	-2.49	-3.93	-2.37	2.30	0.05	0.03	0.19	0.9723
3391	1332	-1.72	2.35	-0.07	5.58	-1.72	-1.05	1.09	-8.36	-1.70	-1.62	-0.76	0.10	-4.20	-2.29	2.30	2.61	10.05	0.39	0.9972
3392	215	-1.49	10.89	-0.82	0.01	-1.02	-1.05	-0.34	-2.51	-1.53	-2.71	1.51	-2.49	-4.00	-4.00	-2.14	2.38	2.54	7.75	0.9999
3393	2849	-1.30	5.54	-0.74	5.58	-2.06	0.54	1.09	-7.44	-0.27	-1.62	-2.06	0.10	-2.59	-1.77	3.41	0.63	0.03	3.91	1.0023
3394	3681	1.03	-3.62	2.47	0.01	-0.68	2.13	-0.80	-1.36	4.07	0.93	-1.50	0.10	2.30	0.57	-0.47	4.34	0.03	-8.56	1.0024
3395	3667	0.63	-1.72	1.82	5.58	-1.02	3.19	-0.80	-3.19	2.57	-0.89	-1.33	0.10	0.60	-0.93	-2.14	7.61	-4.98	-4.09	1.0035
3396	417	-1.15	4.68	0.03	-5.55	-0.33	-1.05	-0.34	4.98	0.30	-0.53	2.31	-2.49	-1.94	-2.37	-0.47	-0.25	2.54	2.63	1.0112
3397	403	-1.54	6.58	-0.62	0.01	-0.68	0.01	-0.34	3.15	-1.20	-2.34	2.47	-2.49	-3.64	-3.87	-2.14	3.02	-2.47	7.10	1.0123
3398	4516	-0.64	4.05	-0.97	11.14	-0.33	-1.05	-0.34	0.35	-3.58	-0.16	1.09	2.21	-6.31	3.99	-1.58	-0.43	-12.49	6.06	1.0190
3399	5612	-0.57	16.00	-5.77	-11.11	0.36	-3.17	-0.94	13.79	-7.66	3.11	2.68	-1.14	-10.91	5.70	-1.03	-1.87	-15.00	18.55	1.0420
3400	264	-1.25	4.70	-2.39	11.14	-1.02	-1.05	-0.34	-3.28	-3.62	-0.89	1.47	-2.49	-6.36	-1.86	-0.47	-2.39	5.04	6.12	1.0623
3401	4482	-0.01	0.53	0.13	11.14	0.36	-1.58	-0.34	3.45	-0.94	0.20	0.57	2.21	-3.34	3.27	-1.03	-1.71	-9.99	-1.88	1.0667
3402	1463	0.18	-7.29	0.42	-5.55	-1.72	2.13	1.09	-8.69	2.61	0.20	-0.80	0.10	0.65	-1.16	2.86	5.01	15.06	-4.03	1.0707
3403	5652	-1.10	20.82	-5.22	-11.11	0.36	-2.64	-0.94	14.34	-8.73	1.66	2.23	-1.14	-12.12	4.39	-2.14	-1.66	-17.50	21.56	1.0773
3404	934	-1.68	13.43	-1.74	0.01	-1.02	-2.11	1.56	-3.38	-2.31	-4.16	-0.11	-2.49	-4.87	-4.26	2.86	-3.57	5.04	9.87	1.0803
3405	4386	0.44	0.82	0.90	5.58	-1.02	2.13	1.09	-4.06	1.79	-2.34	-2.95	0.10	-0.27	-1.20	2.86	1.66	-2.47	-1.98	1.0839
3406	5032	-0.05	-8.23	0.45	5.58	-0.33	2.13	-0.80	-1.53	0.75	2.38	-1.70	4.80	-1.45	6.13	-0.47	4.83	-4.98	-6.40	1.0937
3407	4788	0.48	-10.37	1.86	11.14	1.75	0.01	-0.34	-2.47	3.23	2.02	-0.56	6.00	1.34	4.54	-0.47	3.19	-7.48	-12.75	1.1125
3408	3163	2.28	-18.79	4.32	-11.11	2.10	3.19	-0.94	-2.28	5.92	2.75	-0.78	-2.81	4.38	4.17	-2.69	9.22	15.06	-12.87	1.1187
3409	255	-0.95	7.06	-1.95	0.01	-1.02	-0.52	-0.34	-3.06	-1.15	-1.62	1.15	-2.49	-3.58	-2.84	-1.03	1.56	5.04	6.85	1.1384
3410	443	-1.01	2.75	-1.74	0.01	-0.68	0.54	-0.34	2.59	-0.83	-1.25	2.11	-2.49	-3.22	-2.71	-1.03	2.20	0.03	6.19	1.1521
3411	1705	-1.35	10.08	-0.97	11.14	-1.02	-1.58	-0.34	-0.79	-1.39	-1.62	1.02	-2.49	-3.84	-2.41	-0.47	-2.36	-7.48	7.03	1.1666
3412	1412	-1.72	3.34	-0.64	5.58	-1.72	0.01	1.09	-8.36	-2.39	-1.98	-1.57	0.10	-4.99	-2.44	2.30	2.00	10.05	2.50	1.1711
3413	295	-1.49	11.88	-1.40	0.01	-1.02	0.01	-0.34	-2.51	-2.22	-3.07	0.70	-2.49	-4.79	-4.15	-2.14	1.77	2.54	9.87	1.1738
3414	4931	-0.53	4.72	0.37	-5.55	-1.02	0.54	-0.80	-2.85	0.77	-0.16	-1.08	4.80	-1.42	3.67	-2.14	8.22	-7.48	1.12	1.1756
3415	3761	1.03	-2.64	1.89	0.01	-0.68	3.19	-0.80	-1.36	3.38	0.57	-2.31	0.10	1.52	0.42	-0.47	3.74	0.03	-6.45	1.1763
3416	3747	0.63	-0.74	1.24	5.58	-1.02	4.25	-0.80	-3.19	1.88	-1.25	-2.14	0.10	-0.18	-1.08	-2.14	7.00	-4.98	-1.98	1.1774
3417	1679	1.08	-18.79	4.32	-11.11	1.75	4.25	-0.94	-3.35	5.91	3.11	-0.78	-2.81	4.37	2.74	-2.69	9.42	17.57	-12.87	1.1803
3418	733	-1.68	-0.57	0.50	5.58	-1.72	0.54	-0.80	-4.67	1.26	-0.89	-2.31	0.10	-0.86	-1.59	-0.47	1.79	7.55	-0.57	1.1859
3419	3072	0.91	-12.98	2.71	0.01	2.10	0.54	-0.94	-2.49	1.99	2.02	-1.10	-2.81	-0.05	4.19	-2.14	6.01	12.56	-9.35	1.1941
3420	5055	1.39	-18.79	4.31	-11.11	1.06	3.19	-0.80	1.70	5.88	0.93	-2.59	4.80	4.33	5.90	-2.14	5.97	10.05	-12.87	1.1989
3421	5277	-0.74	16.03	-4.51	-11.11	0.71	-3.70	-0.94	15.82	-6.58	3.11	2.36	2.09	-9.69	2.40	-1.03	-3.06	-15.00	15.03	1.2034
3422	2579	-0.04	6.80	-0.58	-5.55	-0.68	1.60	1.56	1.09	-0.73	-1.62	2.32	-2.49	-3.11	-3.55	1.75	3.26	-4.98	6.15	1.2064
3423	2223	-0.04	-5.55	0.69	5.58	-1.37	4.78	-0.80	-4.82	2.94	0.57	-1.69	0.10	1.02	-1.20	-1.03	7.00	0.03	-4.99	1.2072
3424	2573	0.00	1.13	-1.08	5.58	0.36	-0.52	1.56	2.72	-1.80	0.57	1.94	-2.49	-4.34	-1.98	3.41	-3.32	-2.47	1.95	1.2228
3425	4334	0.20	7.58	-0.74	5.58	-1.72	0.54	1.09	-6.15	-0.27	-3.07	-2.37	0.10	-2.59	-1.52	2.86	0.28	-2.47	3.91	1.2282
3426	4980	-0.29	-1.47	-1.19	5.58	-1.02	0.54	-0.80	-3.62	-1.32	1.66	-1.12	4.80	-3.78	5.80	-0.47	3.45	-4.98	-0.51	1.2380
3427	4562	-0.01	1.52	-0.45	11.14	0.36	-0.52	-0.34	3.45	-1.63	-0.16	-0.24	2.21	-4.12	3.12	-1.03	-2.32	-9.99	0.24	1.2405
3428	1588	-0.29	-12.98	2.71	0.01	1.75	1.60	-0.94	-3.56	1.98	2.38	-1.10	-2.81	-0.06	2.76	-2.14	6.21	15.06	-9.35	1.2556
3429	4868	0.48	-9.38	1.28	11.14	1.75	1.07	-0.34	-2.47	2.54	1.66	-1.37	6.00	0.55	4.39	-0.47	2.59	-7.48	-10.64	1.2864
3430	284	-0.66	2.63	0.02	5.58	-0.68	0.01	-0.34	-2.02	-2.00	-0.53	1.42	-2.49	-4.53	-2.52	-1.58	-0.16	7.55	1.59	1.3003
3431	4971	0.01	0.89	-0.75	-5.55	-1.02	1.07	-0.80	-3.41	1.15	0.93	-1.44	4.80	-1.00	4.82	-1.03	7.41	-4.98	0.22	1.3141
3432	3695	0.39	6.02	-0.40	5.58	-1.72	2.66	-0.80	-5.28	-0.19	-1.98	-1.56	0.10	-2.51	-1.40	-2.14	5.62	-4.98	3.91	1.3217
3433	2695	-0.16	-10.94	3.17	0.01	1.40	1.60	1.56	-4.63	4.63	-1.98	-1.42	1.30	2.93	-1.94	1.75	5.84	7.55	-9.35	1.3254
3434	1785	-1.35	11.07	-1.54	11.14	-1.02	-0.52	-0.34	-0.79	-2.08	-1.98	0.21	-2.49	-4.62	-2.56	-0.47	-2.97	-7.48	9.14	1.3404
3435	5011	-0.53	5.71	-0.21	-5.55	-1.02	1.60	-0.80	-2.85	0.08	-0.53	-1.89	4.80	-2.20	3.52	-2.14	7.61	-7.48	3.23	1.3494
3436	2496	1.56	-10.41	0.84	5.58	0.36	1.60	1.56	-3.25	1.02	2.75	2.18	-2.49	-1.16	0.09	3.41	-1.21	5.04	-6.12	1.3679
3437	4510	-0.24	8.28	-2.09	11.14	-0.33	-2.11	-0.34	1.35	-3.70	-0.89	0.34	2.21	-6.45						

3440	5091	1.67	-9.36	2.82	-11.11	-0.68	4.25	-0.80	-2.14	4.24	2.75	-0.85	4.80	2.48	5.12	-2.14	8.88	0.03	8.56	1.4006	
3441	991	-0.41	4.34	-0.61	0.01	-1.37	-1.58	1.56	-5.78	-1.22	-2.34	1.66	-2.49	-3.65	-3.37	1.75	0.33	7.55	7.03	1.4164	
3442	5085	1.71	-15.03	2.32	0.01	0.36	2.13	-0.80	-0.51	3.16	4.93	-1.22	4.80	1.25	6.69	-0.47	2.30	2.54	-12.75	1.4170	
3443	4419	2.96	-14.55	2.68	0.01	0.02	6.37	1.09	-5.34	6.03	0.20	-2.54	0.10	4.47	-0.40	2.86	2.65	7.55	-12.75	1.4254	
3444	1930	-0.35	-1.08	0.55	-5.55	1.06	-1.58	-0.34	8.57	0.73	-0.89	1.58	-2.49	-1.46	-0.67	-1.03	0.02	2.54	1.84	1.4333	
3445	3067	0.97	-5.55	0.71	5.58	0.36	3.72	-0.94	-6.31	3.04	0.93	-1.69	-2.81	1.13	1.58	-1.58	7.26	0.03	-4.99	1.4466	
3446	4058	1.50	3.16	-1.08	5.58	0.71	-0.52	1.56	4.01	-1.81	-0.89	1.63	-2.49	-4.34	-1.73	2.86	-3.68	-4.98	1.95	1.4487	
3447	2536	-0.45	-6.31	1.23	-5.55	1.40	-1.05	1.56	5.73	-0.65	0.20	3.19	-2.49	-3.01	0.20	2.30	1.78	5.04	-1.68	1.4554	
3448	4721	-1.37	13.20	-2.78	0.01	-0.33	-3.17	-0.34	6.28	-3.55	-1.25	1.42	2.21	-6.27	3.59	-0.47	-1.92	-17.50	13.69	1.4610	
3449	5000	0.30	-3.54	1.21	0.01	-0.68	1.60	-0.80	-2.36	0.30	2.02	-1.17	4.80	-1.94	5.14	-1.58	5.68	-2.47	-5.04	1.4759	
3450	5573	-0.76	15.92	-4.51	-11.11	0.71	-2.64	-0.94	16.19	-6.58	3.11	2.36	-1.14	-9.69	4.92	-1.03	-3.37	-15.00	15.03	1.4801	
3451	93	-1.87	-0.57	0.52	5.58	-0.33	0.54	-0.94	-7.24	1.35	-0.16	-2.31	-2.81	-0.76	-0.24	-1.03	2.26	10.05	-0.57	1.4868	
3452	909	-1.20	0.13	-0.84	11.14	-0.68	-1.05	1.56	-3.08	-2.12	-1.25	0.40	-2.49	-4.67	-2.57	3.41	-4.41	7.55	1.64	1.4947	
3453	1583	-0.23	-5.55	0.71	5.58	0.02	4.78	-0.94	-7.38	3.03	1.29	-1.69	-2.81	1.12	0.15	-1.58	7.46	2.54	-4.99	1.5081	
3454	5809	0.16	6.00	-1.51	0.01	0.36	-1.05	-0.94	11.19	-1.88	1.29	-0.90	-1.14	-4.40	3.11	-1.03	-6.98	-9.99	9.21	1.5268	
3455	1900	0.19	-2.06	-0.42	5.58	0.71	1.07	-0.34	4.61	-0.55	2.02	3.24	-2.49	-2.92	-0.80	-0.47	0.69	-4.98	-1.57	1.5299	
3456	2814	-1.00	5.94	0.23	5.58	-1.72	0.01	1.09	-6.20	0.91	-2.34	-1.89	0.10	-1.26	-2.87	2.86	1.67	0.03	0.39	1.5310	
3457	2957	0.78	-19.27	3.96	-11.11	0.36	2.13	1.09	-1.87	5.75	2.38	-1.28	0.10	4.19	2.46	3.41	3.76	17.57	-12.87	1.5537	
3458	3836	0.57	3.06	-1.41	11.14	-0.33	-0.52	1.56	-2.89	-2.39	-0.89	1.95	-2.49	-4.97	-0.13	3.41	-1.77	-4.98	2.61	1.5544	
3459	4100	0.75	-5.32	0.66	-5.55	1.75	-1.05	1.56	6.80	-1.34	-0.53	2.38	-2.49	-3.79	1.49	2.30	0.97	2.54	0.44	1.5654	
3460	3270	0.15	13.10	-1.54	11.14	-0.68	-0.52	-0.34	0.50	-2.08	-3.43	-0.11	-2.49	-4.62	-2.32	-1.03	-3.32	-9.99	9.14	1.5663	
3461	4642	-1.07	14.24	-2.20	0.01	-0.33	-3.17	-0.34	6.50	-2.86	-1.98	1.92	2.21	-5.50	2.56	-1.03	-1.46	-17.50	11.58	1.5769	
3462	1478	1.11	-13.00	2.32	0.01	-0.33	2.13	1.09	-5.58	3.16	1.66	-1.54	0.10	1.24	-1.44	2.86	0.49	20.07	-12.75	1.6057	
3463	2175	-0.81	4.39	0.56	5.58	-1.72	2.13	-0.80	-5.33	0.99	-1.25	-1.08	0.10	-1.18	-2.76	-2.14	7.02	-2.47	0.39	1.6245	
3464	3464	1.40	-1.07	-0.99	5.58	1.06	1.07	-0.34	5.68	-1.23	1.29	2.43	-2.49	-3.70	0.48	-0.47	-0.12	-7.48	0.55	1.6399	
3465	1114	-1.97	15.23	-2.78	0.01	-1.02	-3.17	1.56	1.21	-3.56	-4.53	1.11	-2.49	-6.28	-4.53	2.86	-3.73	0.03	13.69	1.6497	
3466	853	-1.97	10.41	-1.16	0.01	-1.02	-3.17	1.56	-3.60	-1.61	-2.71	1.02	-2.49	-4.08	-2.93	3.41	-2.81	5.04	7.75	1.6743	
3467	4305	0.14	-2.20	1.48	5.58	-1.02	1.07	1.09	-4.28	2.49	-0.89	-1.82	0.10	0.52	0.14	3.41	2.42	-2.47	-4.09	1.6779	
3468	5276	-1.08	19.95	-4.64	-11.11	0.36	-3.70	-0.94	13.97	-8.03	2.02	3.04	2.09	-11.33	2.02	-2.14	-0.74	-17.50	19.45	1.6844	
3469	1041	-2.03	6.10	-0.95	0.01	-0.68	-2.11	1.56	2.06	-1.28	-2.34	1.98	-2.49	-3.72	-2.80	3.41	-2.17	0.03	7.10	1.6867	
3470	2343	-0.34	5.43	-0.97	0.01	-0.68	1.07	1.56	-3.74	0.08	-1.25	1.64	-2.49	-2.20	-2.54	2.86	2.39	-2.47	3.33	1.6956	
3471	2894	-1.00	6.93	-0.35	5.58	-1.72	1.07	1.09	-6.20	0.21	-2.71	-2.70	0.10	-2.05	-3.02	2.86	1.06	0.03	2.50	1.7049	
3472	2531	-0.39	1.11	-0.76	0.01	-0.33	2.13	1.56	1.92	0.40	-0.89	2.60	-2.49	-1.84	-2.41	2.86	3.03	-7.48	2.68	1.7080	
3473	698	-1.38	-0.17	1.47	5.58	-1.37	0.01	-0.80	-3.43	2.44	-1.62	-2.14	0.10	0.46	-2.69	-1.03	2.84	7.55	-4.09	1.7146	
3474	3916	0.57	4.05	-1.98	11.14	-0.33	0.54	1.56	-2.89	-3.08	-1.25	1.14	-2.49	-5.76	-0.28	3.41	-2.37	-4.98	4.72	1.7282	
3475	475	-1.78	13.68	-2.44	0.01	-1.02	-1.05	-0.34	2.08	-3.47	-3.43	1.92	2.08	-2.49	-6.20	-4.41	-2.14	1.61	-2.47	13.69	1.7433
3476	4442	2.28	-17.24	3.96	-11.11	0.71	2.13	1.09	-0.58	5.74	0.93	-1.59	0.10	4.18	2.71	2.86	3.41	15.06	-12.87	1.7796	
3477	3856	1.16	0.99	1.00	5.58	0.02	0.54	1.56	-1.62	-0.76	-0.53	1.90	-2.49	-3.14	-0.79	2.30	0.46	-2.47	-1.92	1.7923	
3478	2255	-0.81	5.38	-0.01	5.58	-1.72	3.19	-0.80	-5.33	0.30	-1.62	-1.89	0.10	-1.96	-2.91	-2.14	6.41	-2.47	2.50	1.7984	
3479	4095	0.81	2.10	-1.34	0.01	0.02	2.13	1.56	2.99	-0.28	-1.62	1.79	-2.49	-2.61	-1.13	2.86	2.22	-9.99	4.79	1.8180	
3480	4003	0.04	12.69	-1.85	0.01	-0.68	0.01	1.56	1.45	-2.73	-3.43	2.73	-2.49	-5.36	-2.62	1.75	1.65	-12.49	11.58	1.8225	
3481	1766	0.06	6.22	0.31	5.58	-0.68	1.07	-0.34	0.14	0.61	-1.25	0.29	-2.49	-1.59	-3.10	-1.03	-1.10	-2.47	1.59	1.8340	
3482	4481	-0.30	-1.50	0.13	11.14	0.36	-1.58	-0.34	3.23	-0.93	1.29	0.89	2.21	-3.33	4.45	-0.47	-1.55	-9.99	-1.88	1.8346	
3483	933	-1.97	11.40	-1.74	0.01	-1.02	-2.11	1.56	-3.60	-2.30	-3.07	0.21	-2.49	-4.86	-3.08	3.41	-3.42	5.04	9.87	1.8482	
3484	4385	0.14	-1.21	0.90	5.58	-1.02	2.13	1.09	-4.28	1.80	-1.25	-2.64	0.10	-0.26	-0.01	3.41	1.81	-2.47	-1.98	1.8518	
3485	3019	0.20	4.39	0.59	5.58	0.02	1.07	-0.94	-6.83	1.09	-0.89	-1.08	-2.81	-1.06	0.02	-2.69	7.28	-2.47	0.39	1.8639	
3486	2423	-0.34	6.41	-1.55	0.01	-0.68	2.13	1.56	-3.74	-0.61	-1.62	0.83	-2.49	-2.98	-2.69	2.86	1.78	-2.47	5.45	1.8695	
3487	3803	2.47	-18.79	4.30	-11.11	0.71	4.25	-0.80	0.29	5.83	2.02	-0.78	0.10	4.27	2.82	-2.14	8.75	12.56	-12.87	1.8732	
3488	1344	-0.96	-9.22	1.03	5.58	-1.02	1.07	1.09	-6.82	1.44	0.57	-0.89	0.10	-0.67	-0.66	3.41	3.78	12.56	-8.51	1.8765	
3489	778	-1.38	0.82	0.89	5.58	-1.37	1.07	-0.80	-3.43	1.74	-1.98	-2.95	0.10	-0.32	-2.84	-1.03	2.23	7.55	-1.98	1.8884	
3490	2618	0.30	2.51	-0.69	5.58	0.71	0.01	1.56	3.96	-1.32	-0.53	1.31	-2.49	-3.79	-3.24	2.86	-2.89	-2.47	0.55	1.9253	
3491	1535	-1.00	4.39	0.59	5.58	-0.33	2.13	-0.94	-7.89	1.08	-0.53	-1.08	-2.81	-1.07	-1.41	-2.69	7.48	0.03	0.39	1.9255	
3492	3712	1.10	-12.98	2.69	0.01	0.71	1.60	-0.80	0.07	1.89	1.29	-1.10	0.10	-0.15	2.85	-1.58	5.54	10.05	-9.35	1.9485	
3493	6004	-0.57	5.13	-2.20	5.58	1.06	-1.58	-0.94	5.25	-2.31	2.38	-0.64	2.65	-4.88	3.50	-1.03	0.40	-12.49	2.63	1.9529	
3494	4702	0.05	8.35	-0.93	-5.55	0.02	-1.58	-0.34	7.21	-0.86	-0.53	1.51	2.21	-3.24	3.06	-1.03	-0.05	-12.49	6.15	1.9546	
3495	2070	0.43	-7.56	1.22	-5.55	0.02	-1.58	-0.34	-4.15	1.39	-0.53	0.06	1.30	25.57	-3.47	-1.03	-5.12	10.05	-8.75	1.9606	
3496	5572	-1.10	19.83	-4.64	-11.11	0.36	-2.64	-0.94	14.34	-8.03	2.02	3.04	-1.14	-11.33	4.54	-2.14	-1.05	-17.50	19.45	1.9612	
3497	4043	0.57	8.86	-2.98	0.01	-0.68	0.54	1.56	0.90	-2.35	-2.34	2.37	-2.49	-4.94	-1.46	2.86	0.84	-9.99	10.68	1.9623	
3498	5218	0.47	8.74	-1.64	0.01	0.36	-2.64	-0.94	11.04	-2.06	0.20	-1.21	2.09	-4.59	0.59	-1.58	-6.59	-9.99	9.68	1.9623	
3499	3936	1.16	1.98	0.42	5.58	0.02	1.60	1.56	-1.62	-1.45	-0.89	1.09	-2.49	-3.92	-0.94	2.30	-0.15	-2.47	0.19	1.9661	
3500	908	-1.54	4.05	-0.97	11.14	-1.02	-1.05	1.56	-4.93	-3.58	-2.34	1.09	-2.49	-6.31	-2.95	2.30	-2.09	5.04	6.06	1.9757	
3501	4333	-0.09	5.54	-0.74	5.58	-1.72	0.54	1.09	-6.37	-0.27	-1.98	-2.06	0.10	-2.59	-0.34	3.41	0.43	-2.47	3.91	1.9961	
3502	4561	-0.30	-0.51	-0.44	11.14	0.36	-0.52	-0.34	3.23	-1.63	0.93	0.08	2.21								

3505	726	-1.62	7.58	-0.75	5.58	-2.06	-0.52	-0.80	-5.52	0.39	-2.71	-2.37	0.10	-2.65	-3.17	-1.03	0.85	7.55	3.91	2.0328
3506	3099	0.20	5.38	0.01	5.58	0.02	2.13	-0.94	-6.83	0.39	-1.25	-1.89	-2.81	-1.85	-0.13	-2.69	6.67	-2.47	2.50	2.0378
3507	1424	-0.96	-8.23	0.45	5.58	-1.02	2.13	1.09	-6.82	0.75	0.20	-1.70	0.10	-1.45	-0.81	3.41	3.17	12.56	-6.40	2.0503
3508	1180	-0.43	-10.37	1.86	11.14	1.06	0.01	1.56	-7.76	3.23	-0.16	-0.56	1.30	1.34	-2.40	3.41	1.53	10.05	-12.75	2.0692
3509	4818	-0.07	-9.39	2.82	0.01	2.10	-1.58	-0.34	1.48	4.50	-0.89	-2.23	6.00	2.80	4.67	-1.03	2.52	0.03	-9.35	2.0736
3510	5952	-0.57	14.76	-5.24	-11.11	0.71	-1.05	-0.94	14.81	-6.99	3.11	2.36	-1.14	-10.17	4.43	-1.03	-1.52	-15.00	16.66	2.0913
3511	1615	-1.00	5.38	0.01	5.58	-0.33	3.19	-0.94	-7.89	0.39	-0.89	-1.89	-2.81	-1.86	-1.56	-2.69	6.87	0.03	2.50	2.0993
3512	6084	-0.57	6.12	-2.78	5.58	1.06	-0.52	-0.94	5.25	-3.00	2.02	-1.45	2.65	-5.66	3.35	-1.03	-0.21	-12.49	4.75	2.1268
3513	1323	-1.43	4.72	0.37	-5.55	-1.72	0.54	1.09	-8.14	0.77	-2.34	-1.08	0.10	-1.42	-3.27	1.75	6.56	10.05	1.12	2.1323
3514	4616	1.20	-14.65	2.48	-5.55	1.75	-1.58	-0.34	4.86	0.87	3.11	2.12	2.21	-1.30	7.82	-1.58	1.91	5.04	-6.23	2.1351
3515	4509	-0.54	6.24	-2.08	11.14	-0.33	-2.11	-0.34	1.14	-3.70	0.20	0.66	2.21	-6.44	3.98	-0.47	-3.54	-9.99	6.12	2.1528
3516	1447	0.49	-18.79	4.31	-11.11	0.36	3.19	1.09	-3.59	5.88	-1.25	-2.59	0.10	4.33	-1.04	1.75	4.31	27.58	-12.87	2.1556
3517	3189	-0.15	10.08	-0.96	11.14	-0.68	-1.58	-0.34	0.28	-1.38	-1.98	1.02	-2.49	-3.83	-0.98	-0.47	-2.56	-9.99	7.03	2.1604
3518	138	-1.57	0.82	0.91	5.58	0.02	1.07	-0.94	-6.00	1.84	-1.25	-2.95	-2.81	-0.21	-1.50	-1.58	2.70	10.05	-1.98	2.1894
3519	6024	0.02	3.07	0.20	0.01	1.40	-0.52	-0.94	6.51	-0.68	2.75	-0.69	2.65	-3.05	2.84	-2.14	2.62	-9.99	-1.90	2.1909
3520	1372	-1.19	-1.47	-1.19	5.58	-1.72	0.54	1.09	-8.91	-1.32	-0.53	-1.12	0.10	-3.78	-1.13	3.41	1.79	12.56	-0.51	2.1947
3521	954	-0.91	1.52	-0.45	11.14	-0.33	-0.52	1.56	-1.84	-1.63	-2.34	-0.24	-2.49	-4.12	-3.82	2.86	-3.98	7.55	0.24	2.1972
3522	4063	1.16	6.80	-0.58	-5.55	-0.33	1.60	1.56	2.16	-0.72	-1.98	2.32	-2.49	-3.11	-2.12	1.75	3.06	-7.48	6.15	2.2002
3523	3707	1.16	-5.55	0.69	5.58	-1.02	4.78	-0.80	-3.75	2.95	0.20	-1.69	0.10	1.02	0.23	-1.03	6.79	-2.47	-4.99	2.2010
3524	1929	-0.65	-3.12	0.55	-5.55	1.06	-1.58	-0.34	8.35	0.73	0.20	1.89	-2.49	-1.45	0.51	-0.47	0.17	2.54	1.84	2.2012
3525	4057	1.20	1.13	-1.08	5.58	0.71	-0.52	1.56	3.79	-1.80	0.20	1.94	-2.49	-4.33	-0.55	3.41	-3.52	-4.98	1.95	2.2166
3526	811	1.14	-14.55	2.67	0.01	-0.33	5.31	-0.80	-4.71	5.98	0.57	-2.54	0.10	4.42	-2.05	-1.03	3.21	17.57	-12.75	2.2300
3527	5514	0.46	8.62	-1.64	0.01	0.36	-1.58	-0.94	11.41	-2.06	0.20	-1.21	-1.14	-4.59	3.12	-1.58	-6.90	-9.99	9.69	2.2391
3528	1260	-0.43	-9.38	1.28	11.14	1.06	1.07	1.56	-7.76	2.54	-0.53	-1.37	1.30	0.55	-2.55	3.41	0.93	10.05	-10.64	2.2431
3529	2192	-0.10	-14.61	3.65	0.01	0.71	1.07	-0.80	0.02	3.07	2.02	-0.62	0.10	1.18	1.49	-1.58	6.94	12.56	-12.87	2.2513
3530	450	-0.32	3.16	-1.09	5.58	0.36	-1.58	-0.34	4.64	-1.86	-0.53	1.63	-2.49	-4.39	-3.38	-1.03	-3.11	5.04	1.95	2.2533
3531	1363	-0.90	0.89	-0.75	-5.55	-1.72	1.07	1.09	-8.69	1.15	-1.25	-1.44	0.10	-1.00	-2.11	2.86	5.75	12.56	0.22	2.2708
3532	2813	-1.30	3.91	0.23	5.58	-1.72	0.01	1.09	-6.42	0.91	-1.25	-1.57	0.10	-1.26	-1.69	3.41	1.82	0.03	0.39	2.2989
3533	1403	-1.43	5.71	-0.21	-5.55	-1.72	1.60	1.09	-8.14	0.08	-2.71	-1.89	0.10	-2.20	-3.42	1.75	5.95	10.05	3.23	2.3061
3534	2230	0.65	-5.15	1.34	11.14	-0.33	2.66	-0.80	-2.77	1.91	1.29	-2.17	0.10	-0.16	-1.88	-1.03	1.69	5.04	-9.24	2.3084
3535	4480	-0.64	2.41	0.00	11.14	0.02	-1.58	-0.34	1.38	-2.39	0.20	1.57	2.21	-4.97	4.07	-1.58	0.76	-12.49	2.54	2.3157
3536	4179	1.04	-10.94	3.17	0.01	1.75	1.60	1.56	-3.56	4.63	-2.34	-1.42	1.30	2.94	-0.50	1.75	5.64	5.04	-9.35	2.3193
3537	86	-1.81	7.58	-0.73	5.58	-0.68	-0.52	-0.94	-8.09	-0.23	-1.98	-2.37	-2.81	-2.54	-1.82	-1.58	1.32	10.05	3.91	2.3337
3538	3269	-0.15	11.07	-1.54	11.14	-0.68	-0.52	-0.34	0.28	-2.07	-2.34	0.21	-2.49	-4.62	-1.13	-0.47	-3.17	-9.99	9.14	2.3342
3539	902	-1.15	8.28	-2.09	11.14	-1.02	-2.11	1.56	-3.93	-3.70	-3.07	0.34	-2.49	-6.45	-4.15	2.86	-5.36	7.55	6.12	2.3416
3540	4641	-1.37	12.21	-2.20	0.01	-0.33	-3.17	-0.34	6.28	-2.86	-0.89	2.23	2.21	-5.49	3.74	-0.47	-1.31	-17.50	11.58	2.3448
3541	1483	0.77	-9.36	2.82	-11.11	-1.37	4.25	1.09	-7.43	4.24	0.57	-0.85	0.10	2.48	-1.82	1.75	7.22	17.57	-8.56	2.3573
3542	228	-1.25	3.06	-1.42	11.14	-0.68	-1.58	-0.34	-2.26	-2.44	-0.53	1.95	-2.49	-5.02	-1.78	-0.47	-1.20	5.04	2.61	2.3590
3543	3980	2.77	-10.41	0.85	5.58	0.71	1.60	1.56	-2.18	1.02	2.38	2.18	-2.49	-1.16	1.52	3.41	-1.41	2.54	-6.12	2.3617
3544	6104	0.02	4.06	-0.38	0.01	1.40	0.54	-0.94	6.51	-1.37	2.38	-1.50	2.65	-3.83	2.69	-2.14	2.01	-9.99	0.22	2.3647
3545	492	-1.07	-5.32	0.65	-5.55	1.40	-2.11	-0.34	7.43	-1.39	-0.16	2.38	-2.49	-3.84	-0.16	-1.58	1.54	12.56	0.44	2.3700
3546	1477	0.81	-15.03	2.32	0.01	-0.33	2.13	1.09	-5.80	3.16	2.75	-1.22	0.10	1.25	-0.25	3.41	0.64	20.07	-12.75	2.3736
3547	4611	1.26	-7.23	0.49	0.01	0.02	1.60	-0.34	1.04	1.92	2.02	1.53	2.21	-0.12	5.20	-1.03	3.16	-7.48	-1.88	2.3877
3548	3543	1.69	-6.70	1.52	11.14	1.06	3.72	-0.34	-4.68	4.74	-0.53	-1.36	1.30	3.03	-1.51	-1.03	4.55	-4.98	-9.24	2.3937
3549	1113	-2.27	13.20	-2.78	0.01	-1.02	-3.17	1.56	0.99	-3.55	-3.43	1.42	-2.49	-6.28	-3.35	3.41	-3.58	0.03	13.69	2.4176
3550	2272	-0.10	-13.62	3.08	0.01	0.71	2.13	-0.80	0.02	2.38	1.66	-1.43	0.10	0.39	1.34	-1.58	6.33	12.56	-10.75	2.4251
3551	3414	0.85	-1.08	0.55	-5.55	1.40	-1.58	-0.34	9.64	0.73	-1.25	1.58	-2.49	-1.45	0.76	-1.03	-0.19	0.03	1.84	2.4272
3552	1392	-0.60	-3.54	1.21	0.01	-1.37	1.60	1.09	-7.65	0.30	-0.16	-1.17	0.10	-1.95	-1.79	2.30	4.02	15.06	-5.04	2.4326
3553	2603	-0.63	8.21	-2.59	0.01	-0.68	1.07	1.56	0.85	-1.86	-1.98	2.04	-2.49	-4.39	-2.96	2.86	1.62	-7.48	9.27	2.4389
3554	4020	0.75	-6.31	1.23	-5.55	1.75	-1.05	1.56	6.80	-0.64	-0.16	3.19	-2.49	-3.01	1.63	2.30	1.57	2.54	-1.68	2.4493
3555	2893	-1.30	4.90	-0.35	5.58	-1.72	1.07	1.09	-6.42	0.22	-1.62	-2.38	0.10	-2.04	-1.84	3.41	1.22	0.03	2.50	2.4728
3556	697	-1.68	-2.20	1.47	5.58	-1.37	0.01	-0.80	-3.65	2.44	-0.53	-1.82	0.10	0.47	-1.51	-0.47	2.99	7.55	-4.09	2.4825
3557	4560	-0.64	3.40	-0.58	11.14	0.02	-0.52	-0.34	1.38	-3.08	-0.16	0.76	2.21	-5.75	3.92	-1.58	0.15	-12.49	4.66	2.4895
3558	3036	0.91	-14.61	3.68	0.01	2.45	0.01	-0.94	-1.47	3.17	2.38	-0.62	-2.81	1.29	4.27	-2.14	7.21	12.56	-12.87	2.4907
3559	2187	-0.04	-7.19	1.66	5.58	-1.02	4.25	-0.80	-3.79	4.13	0.93	-1.21	0.10	2.36	-1.12	-1.03	8.19	0.03	-8.51	2.5038
3560	2390	-0.82	7.64	-0.68	11.14	-1.02	0.01	1.56	-2.77	-0.97	-3.07	-0.04	-2.49	-3.37	-3.53	2.86	-3.03	-4.98	6.06	2.5095
3561	3384	1.40	-2.06	-0.41	5.58	1.06	1.07	-0.34	5.68	-0.54	1.66	3.24	-2.49	-2.92	0.63	-0.47	0.48	-7.48	-1.57	2.5237
3562	4298	0.20	5.94	0.23	5.58	-1.37	0.01	1.09	-5.13	0.91	-2.71	-1.89	0.10	-1.26	-1.44	2.86	1.47	-2.47	0.39	2.5248
3563	171	0.95	-14.55	2.69	0.01	1.06	5.31	-0.94	-7.27	6.08	1.29	-2.54	-2.81	4.53	-0.70	-1.58	3.68	20.07	-12.75	2.5310
3564	308	-1.25	4.05	-2.00	11.14	-0.68	-0.52	-0.34	-2.26	-3.13	-0.89	1.14	-2.49	-5.81	-1.93	-0.47	-1.80	5.04	4.72	2.5328
3565	1034	-1.97	14.24	-2.20	0.01	-1.02	-3.17	1.56	1.21	-2.86	-4.16	1.92	-2.49	-5.50	-4.38	2.86	-3.12	0.03	11.58	2.5336
3566	4944	-0.29	-3.11	-0.22	5.58	-0.68	0.01	-0.80	-2.60	-0.14	2.02	-0.64	4.80	-2.44	5.88	-0.47	4.65	-4.98	-4.03	2.5346
3567	4441	1.99	-19.27	3.97	-11.11	0.71	2.13	1.09	-0.80	5.75	2.02	-1.28	0.10	4.19						

3570	834	0.46	-17.24	3.95	-11.11	0.36	1.07	-0.80	0.05	5.69	1.29	-1.59	0.10	4.13	1.06	-1.03	3.98	25.08	-12.87	2.5842
3571	248	-0.66	0.99	0.98	5.58	-0.33	-0.52	-0.34	-1.00	-0.81	-0.16	1.90	-2.49	-3.19	-2.44	-1.58	1.03	7.55	-1.92	2.5969
3572	1765	-0.23	4.18	0.31	5.58	-0.68	1.07	-0.34	-0.08	0.62	-0.16	0.61	-2.49	-1.58	-1.91	-0.47	-0.95	-2.47	1.59	2.6019
3573	1751	-0.63	6.08	-0.34	11.14	-1.02	2.13	-0.34	-1.91	-0.89	-1.98	0.77	-2.49	-3.29	-3.41	-2.14	2.32	-7.48	6.06	2.6030
3574	1590	0.46	-5.15	1.36	11.14	1.06	2.66	-0.94	-5.33	2.01	2.02	-2.17	-2.81	-0.05	-0.53	-1.58	2.15	7.55	-9.24	2.6093
3575	3659	0.39	4.39	0.57	5.58	-1.37	2.13	-0.80	-4.26	0.99	-1.62	-1.08	0.10	-1.17	-1.33	-2.14	6.81	-4.98	0.39	2.6184
3576	2659	-0.16	-12.58	4.14	0.01	1.75	1.07	1.56	-3.61	5.81	-1.62	-0.93	1.30	4.27	-1.86	1.75	7.03	7.55	-12.87	2.6220
3577	487	-1.01	2.10	-1.35	0.01	-0.33	1.07	-0.34	3.61	-0.33	-1.25	1.79	-2.49	-2.66	-2.78	-1.03	2.79	0.03	4.79	2.6225
3578	395	-1.78	12.69	-1.87	0.01	-1.02	-1.05	-0.34	2.08	-2.78	-3.07	2.73	-2.49	-5.41	-4.26	-2.14	2.22	-2.47	11.58	2.6271
3579	4508	-0.88	10.16	-2.22	11.14	-0.68	-2.11	-0.34	-0.71	-5.15	-0.89	1.34	2.21	-8.08	3.59	-1.58	-1.23	-12.49	10.54	2.6339
3580	777	-1.68	-1.21	0.89	5.58	-1.37	1.07	-0.80	-3.65	1.75	-0.89	-2.64	0.10	-0.31	-1.66	-0.47	2.38	7.55	-1.98	2.6564
3581	3116	0.91	-13.62	3.10	0.01	2.45	1.07	-0.94	-1.47	2.48	2.02	-1.43	-2.81	0.51	4.12	-2.14	6.60	12.56	-10.75	2.6645
3582	2623	-0.04	6.15	-0.19	-5.55	-0.33	2.13	1.56	2.11	-0.24	-1.62	1.99	-2.49	-2.56	-3.62	1.75	3.85	-4.98	4.74	2.6769
3583	2267	-0.04	-6.20	1.08	5.58	-1.02	5.31	-0.80	-3.79	3.43	0.57	-2.02	0.10	1.57	-1.27	-1.03	7.58	0.03	-6.40	2.6776
3584	4474	-0.24	6.64	-1.12	11.14	0.02	-2.64	-0.34	2.38	-2.52	-0.53	0.83	2.21	-5.11	2.87	-1.03	-2.50	-9.99	2.61	2.6815
3585	3827	0.87	5.43	-0.97	0.01	-0.33	1.07	1.56	-2.67	0.08	-1.62	1.64	-2.49	-2.19	-1.11	2.86	2.19	-4.98	3.33	2.6894
3586	2617	0.00	0.48	-0.69	5.58	0.71	0.01	1.56	3.75	-1.31	0.57	1.62	-2.49	-3.79	-2.05	3.41	-2.74	-2.47	0.55	2.6932
3587	2023	0.49	-8.33	2.49	11.14	1.06	3.19	-0.34	-4.73	5.92	0.20	-0.88	1.30	4.36	-2.86	-1.03	5.94	-2.47	-12.75	2.6965
3588	4378	0.20	6.93	-0.35	5.58	-1.37	1.07	1.09	-5.13	0.22	-3.07	-2.70	0.10	-2.04	-1.59	2.86	0.86	-2.47	2.50	2.6987
3589	4015	0.81	1.11	-0.76	0.01	0.02	2.13	1.56	2.99	0.41	-1.25	2.60	-2.49	-1.83	-0.98	2.86	2.83	-9.99	2.68	2.7018
3590	5024	-0.29	-2.12	-0.80	5.58	-0.68	1.07	-0.80	-2.60	-0.83	1.66	-1.45	4.80	-3.22	5.73	-0.47	4.04	-4.98	-1.92	2.7085
3591	4499	-0.58	12.53	-1.78	0.01	-0.68	-1.58	-0.34	-0.50	-2.68	-1.62	1.03	2.21	-5.30	2.61	-2.14	2.73	-12.49	11.27	2.7100
3592	4701	-0.25	6.32	-0.93	-5.55	0.02	-1.58	-0.34	6.99	-0.85	0.57	1.82	2.21	-3.23	4.24	-0.47	0.10	-12.49	6.15	2.7225
3593	4687	-0.64	8.22	-1.58	0.01	-0.33	8.22	-0.34	5.16	-2.36	-1.25	1.99	2.21	-4.94	2.74	-2.14	3.37	-17.50	10.61	2.7236
3594	1632	-0.29	-13.62	3.10	0.01	2.10	2.13	-0.94	-2.54	2.47	2.38	-1.43	-2.81	0.50	2.69	-2.14	6.80	15.06	-10.75	2.7261
3595	2069	0.13	-9.60	1.22	-5.55	0.02	-1.58	-0.34	-4.37	1.40	0.57	0.37	1.30	25.58	-2.29	-0.47	-4.97	10.05	-8.75	2.7285
3596	5217	0.18	6.70	-1.64	0.01	0.36	-2.64	-0.94	10.82	-2.05	1.29	-0.90	2.09	-4.58	1.78	-1.03	-6.43	-9.99	9.68	2.7302
3597	3031	0.97	-7.19	1.68	5.58	0.71	3.19	-0.94	-5.29	4.23	1.29	-1.21	-2.81	2.47	1.65	-1.58	8.46	0.03	-8.51	2.7432
3598	435	-1.25	8.86	-2.99	0.01	-1.02	-0.52	-0.34	1.52	-2.40	-1.98	2.37	-2.49	-4.99	-3.10	-1.03	1.41	0.03	10.68	2.7669
3599	328	-0.66	1.98	0.41	5.58	-0.33	0.54	-0.34	-1.00	-1.50	-0.53	1.09	-2.49	-3.98	-2.59	-1.58	0.42	7.55	0.19	2.7707
3600	4964	0.30	-5.18	2.18	0.01	-0.33	1.07	-0.80	-1.34	1.49	2.38	-0.69	4.80	-0.61	5.22	-1.58	6.87	-2.47	-8.56	2.7726
3601	57	-1.87	-2.20	1.49	5.58	0.02	0.01	-0.94	-6.21	2.54	0.20	-1.82	-2.81	0.58	-0.16	-1.03	3.46	10.05	-4.09	2.7835
3602	873	-1.20	-1.50	0.13	11.14	-0.33	-1.58	1.56	-2.06	-0.93	-0.89	0.89	-2.49	-3.33	-2.49	3.41	-3.22	7.55	-1.88	2.7913
3603	3739	0.39	5.38	-0.01	5.58	-1.37	3.19	-0.80	-4.26	0.30	-1.98	-1.89	0.10	-1.96	-1.48	-2.14	6.20	-4.98	2.50	2.7922
3604	2739	-0.16	-11.59	3.56	0.01	1.75	2.13	1.56	-3.61	5.12	-1.98	-1.74	1.30	3.48	-2.01	1.75	6.42	7.55	-10.75	2.7959
3605	725	-1.92	5.54	-0.75	5.58	-2.06	-0.52	-0.80	-5.74	-0.32	-1.62	-2.06	0.10	-2.64	-1.98	-0.47	1.00	7.55	3.91	2.8007
3606	1547	-0.23	-7.19	1.68	5.58	0.36	4.25	-0.94	-6.36	4.22	1.66	-1.21	-2.81	2.46	0.22	-1.58	8.66	2.54	-8.51	2.8047
3607	2538	0.30	1.52	-0.12	5.58	0.71	0.01	1.56	3.96	-0.62	-0.16	2.12	-2.49	-3.01	-3.09	2.86	-2.28	-2.47	-1.57	2.8091
3608	2215	-0.28	0.56	-0.56	5.58	-1.72	3.72	-0.80	-5.89	1.37	-0.16	-1.44	0.10	-0.76	-1.60	-1.03	6.20	0.03	-0.51	2.8220
3609	3250	1.27	6.22	0.31	5.58	-0.33	1.07	-0.34	1.21	0.62	-1.62	0.29	-2.49	-1.58	-1.67	-1.03	-1.30	-4.98	1.59	2.8279
3610	1990	0.43	-8.55	1.80	-5.55	0.02	-1.58	-0.34	-4.15	2.08	-0.16	0.87	1.30	26.35	-3.32	-1.03	-4.52	10.05	-10.86	2.8355
3611	4817	-0.36	-11.42	2.82	0.01	2.10	-1.58	-0.34	1.26	4.51	0.20	-1.91	6.00	2.81	5.85	-0.47	2.68	0.03	-9.35	2.8415
3612	4554	-0.24	7.63	-1.70	11.14	0.02	-1.58	-0.34	2.38	-3.21	-0.89	0.02	2.21	-5.89	2.72	-1.03	-3.11	-9.99	4.72	2.8554
3613	3907	0.87	6.41	-1.55	0.01	-0.33	2.13	1.56	-2.67	-0.61	-1.98	0.83	-2.49	-2.98	-1.26	2.86	1.58	-4.98	5.45	2.8633
3614	2103	0.49	-7.35	1.91	11.14	1.06	4.25	-0.34	-4.73	5.23	-0.16	-1.69	1.30	3.58	-3.01	-1.03	5.33	-2.47	-10.64	2.8704
3615	194	0.27	-17.24	3.97	-11.11	1.75	1.07	-0.94	-2.52	5.79	2.02	-1.59	-2.81	4.24	2.41	-1.58	4.44	27.58	-12.87	2.8852
3616	1974	-0.35	-1.73	0.94	-5.55	1.40	-1.05	-0.34	9.59	1.22	-0.89	1.25	-2.49	-0.91	-0.74	-1.03	0.60	2.54	0.44	2.9038
3617	1094	-0.85	8.35	-0.93	-5.55	-0.68	-1.58	1.56	1.92	-0.86	-2.71	1.51	-2.49	-3.24	-3.88	2.86	-1.71	5.04	6.15	2.9113
3618	3111	0.97	-6.20	1.10	5.58	0.71	4.25	-0.94	-5.29	3.53	0.93	-2.02	-2.81	1.69	1.50	-1.58	7.85	0.03	-6.40	2.9171
3619	4102	1.50	2.51	-0.69	5.58	1.06	0.01	1.56	5.03	-1.31	-0.89	1.31	-2.49	-3.79	-1.81	2.86	-3.09	-4.98	0.55	2.9192
3620	5044	0.30	-4.19	1.60	0.01	-0.33	2.13	-0.80	-1.34	0.80	2.02	-1.50	4.80	-1.39	5.07	-1.58	6.26	-2.47	-6.45	2.9464
3621	4603	1.02	-1.12	-0.76	0.01	-0.33	-0.52	-0.34	-0.03	0.35	1.29	1.79	2.21	-1.89	4.80	-1.03	2.37	-7.48	2.61	2.9538
3622	3554	1.63	-7.56	1.22	-5.55	0.36	-1.58	-0.34	-3.08	1.40	-0.89	0.06	1.30	25.58	-2.04	-1.03	-5.32	7.55	-8.75	2.9545
3623	137	-1.87	-1.21	0.91	5.58	0.02	1.07	-0.94	-6.21	1.84	-0.16	-2.64	-2.81	-0.21	-0.31	-1.03	2.85	10.05	-1.98	2.9573
3624	953	-1.20	-0.51	-0.44	11.14	-0.33	-0.52	1.56	-2.06	-1.63	-1.25	0.08	-2.49	-4.11	-2.64	3.41	-3.82	7.55	0.24	2.9651
3625	2874	0.12	0.05	1.50	0.01	-1.37	2.66	1.09	-5.49	2.91	-0.89	-2.30	0.10	0.99	-2.37	2.86	3.08	5.04	-5.04	2.9664
3626	5872	-0.57	13.77	-4.67	-11.11	0.71	-1.05	-0.94	14.81	-6.30	3.48	3.17	-1.14	-9.39	4.58	-1.03	-0.91	-15.00	14.55	2.9751
3627	1627	-0.23	-6.20	1.10	5.58	0.36	5.31	-0.94	-6.36	3.53	1.29	-2.02	-2.81	1.68	0.07	-1.58	8.05	2.54	-6.40	2.9786
3628	455	-0.66	6.80	-0.59	-5.55	-0.68	0.54	-0.34	2.79	-0.78	-1.62	2.32	-2.49	-3.16	-3.76	-2.14	3.63	2.54	6.15	3.0048
3629	5513	0.16	6.59	-1.64	0.01	0.36	-1.58	-0.94	11.19	-2.05	1.29	-0.90	-1.14	-4.58	4.30	-1.03	-6.75	-9.99	9.69	3.0070
3630	449	-0.62	1.13	-1.09	5.58	0.36	-1.58	-0.34	4.42	-1.85	0.57	1.94	-2.49	-4.38	-2.20	-0.47	-2.95	5.04	1.95	3.0212
3631	1210	-0.97	-9.39	2.82	0.01	1.40	-1.58	1.56	-3.80	4.50	-3.07	-2.23	1.30	2.80	-2.27	2.86	0.86	17.57	-9.35	3.0303
3632	2235	0.31	-1.51	1.84	0.01	-1.37	4.78	-0.80	-4.62	2.99	0.20	-1.49	0.10	1.08	-2.26	-2.14				

3635	5995	-0.27	7.50	-1.76	-5.55	1.06	0.01	-0.94	5.46	0.16	1.66	-0.95	2.65	-2.10	2.52	-1.58	4.35	-12.49	3.36	3.0880
3636	1008	0.30	-14.65	2.48	-5.55	1.06	-1.58	1.56	-0.43	0.87	0.93	2.12	-2.49	-1.30	0.88	2.30	0.25	22.57	-6.23	3.0918
3637	85	-2.11	5.54	-0.73	5.58	-0.68	-0.52	-0.94	-8.31	-0.23	-0.89	-2.06	-2.81	-2.53	-0.64	-1.03	1.47	10.05	3.91	3.1016
3638	901	-1.44	6.24	-2.08	11.14	-1.02	-2.11	1.56	-4.15	-3.70	-1.98	0.66	-2.49	-6.44	-2.96	3.41	-5.20	7.55	6.12	3.1095
3639	1575	-0.47	0.56	-0.54	5.58	-0.33	3.72	-0.94	-8.45	1.46	0.57	-1.44	-2.81	-0.65	-0.25	-1.58	6.67	2.54	-0.51	3.1229
3640	571	-0.78	-10.94	3.16	0.01	1.40	0.54	-0.34	-2.94	4.58	-1.98	-1.42	1.30	2.89	-2.15	-2.14	6.21	15.06	-9.35	3.1238
3641	1730	0.06	4.58	1.28	5.58	-0.33	0.54	-0.34	1.16	1.80	-0.89	0.78	-2.49	-0.25	-3.02	-1.03	0.09	-2.47	-1.92	3.1307
3642	372	0.94	-10.41	0.83	5.58	0.36	0.54	-0.34	-1.55	0.97	2.75	2.18	-2.49	-1.21	-0.12	-0.47	-0.84	12.56	-6.12	3.1663
3643	3413	0.56	-3.12	0.55	-5.55	1.40	-1.58	-0.34	9.42	0.74	-0.16	1.89	-2.49	-1.44	1.94	-0.47	-0.03	0.03	1.84	3.1951
3644	2068	-0.21	-5.68	1.08	-5.55	-0.33	-1.58	-0.34	-6.22	-0.06	-0.53	1.06	1.30	23.94	-2.67	-1.58	-2.65	7.55	-4.33	3.2096
3645	3676	1.10	-14.61	3.66	0.01	1.06	1.07	-0.80	1.09	3.08	1.66	-0.62	0.10	1.18	2.92	-1.58	6.74	10.05	-12.87	3.2451
3646	412	-1.07	-6.31	1.22	-5.55	1.40	-2.11	-0.34	7.43	-0.69	0.20	3.19	-2.49	-3.06	-0.01	-1.58	2.14	12.56	-1.68	3.2538
3647	6075	-0.27	8.49	-2.34	-5.55	1.06	1.07	-0.94	5.46	-0.53	1.29	-1.76	2.65	-2.88	2.37	-1.58	3.74	-12.49	5.47	3.2618
3648	2467	1.70	-8.38	1.49	5.58	0.36	3.72	1.56	-3.03	3.76	-0.53	0.05	-2.49	1.93	-2.80	2.86	-1.45	5.04	-6.12	3.2714
3649	872	-1.54	2.41	0.00	11.14	-0.68	-1.58	1.56	-3.91	-2.39	-1.98	1.57	-2.49	-4.97	-2.87	2.30	-0.90	5.04	2.54	3.2724
3650	2389	-1.12	5.60	-0.68	11.14	-1.02	0.01	1.56	-2.99	-0.96	-1.98	0.28	-2.49	-3.36	-2.35	3.41	-2.87	-4.98	6.06	3.2774
3651	4297	-0.09	3.91	0.23	5.58	-1.37	0.01	1.09	-5.35	0.92	-1.62	-1.57	0.10	-1.25	-0.26	3.41	1.62	-2.47	0.39	3.2927
3652	5360	-0.55	15.47	-5.38	-11.11	0.71	-2.64	-0.94	14.44	-7.16	3.11	2.36	2.09	-10.36	3.11	-1.03	-0.97	-15.00	17.14	3.2947
3653	3079	1.32	-1.51	1.86	0.01	0.36	3.72	-0.94	-6.12	3.09	0.57	-1.49	-2.81	1.19	0.52	-2.69	8.69	2.54	-5.04	3.2993
3654	1033	-2.27	12.21	-2.20	0.01	-1.02	-3.17	1.56	0.99	-2.86	-3.07	2.23	-2.49	-5.49	-3.20	3.41	-2.97	0.03	11.58	3.3015
3655	3714	1.85	-5.15	1.34	11.14	0.02	2.66	-0.80	-1.70	1.92	0.93	-2.17	0.10	-0.15	-0.44	-1.03	1.48	2.54	-9.24	3.3022
3656	1810	0.06	5.57	0.70	5.58	-0.33	1.60	-0.34	1.16	1.11	-1.25	-0.03	-2.49	-1.04	-3.17	-1.03	-0.52	-2.47	0.19	3.3045
3657	3073	1.37	-7.18	1.36	11.14	1.40	1.60	-0.94	-4.48	2.02	2.75	-1.86	-2.81	-0.03	2.09	-1.03	2.11	5.04	-9.24	3.3157
3658	2523	-0.63	7.22	-2.01	0.01	-0.68	1.07	1.56	0.85	-1.17	-1.62	2.85	-2.49	-3.61	-2.81	2.86	2.23	-7.48	7.16	3.3228
3659	690	-1.62	5.94	0.22	5.58	-1.72	-1.05	-0.80	-4.50	0.86	-2.34	-1.89	0.10	-1.31	-3.09	-1.03	2.04	7.55	0.39	3.3294
3660	1003	0.36	-7.23	0.49	0.01	-0.68	1.60	1.56	-4.25	1.92	-0.16	1.53	-2.49	-0.12	-1.74	2.86	1.50	10.05	-1.88	3.3444
3661	833	0.16	-19.27	3.95	-11.11	0.36	1.07	-0.80	-0.17	5.70	2.38	-1.28	0.10	4.14	2.24	-0.47	4.13	25.08	-12.87	3.3521
3662	1595	0.12	-1.51	1.86	0.01	0.02	4.78	-0.94	-7.18	3.09	0.93	-1.49	-2.81	1.18	-0.91	-2.69	8.89	5.04	-5.04	3.3609
3663	4782	-0.07	-11.03	3.79	0.01	2.45	-2.11	-0.34	2.50	5.69	-0.53	-1.74	6.00	4.14	4.75	-1.03	3.72	0.03	-12.87	3.3703
3664	1589	0.16	-7.18	1.36	11.14	1.06	2.66	-0.94	-5.55	2.01	3.11	-1.86	-2.81	-0.04	0.65	-1.03	2.31	7.55	-9.24	3.3772
3665	3756	1.10	-13.62	3.08	0.01	1.06	2.13	-0.80	1.09	2.39	1.29	-1.43	0.10	0.40	2.77	-1.58	6.13	10.05	-10.75	3.4190
3666	4746	0.05	7.70	-0.54	-5.55	0.36	-1.05	-0.34	8.23	-0.36	-0.53	1.18	2.21	-2.69	2.99	-1.03	0.53	-12.49	4.74	3.4251
3667	4087	0.57	8.21	-2.59	0.01	-0.33	1.07	1.56	1.92	-1.86	-2.34	2.04	-2.49	-4.39	-1.53	2.86	1.42	-9.99	9.27	3.4328
3668	952	-1.54	3.40	-0.58	11.14	-0.68	-0.52	1.56	-3.91	-3.08	-2.34	0.76	-2.49	-5.75	-3.02	2.30	-1.51	5.04	4.66	3.4462
3669	4473	-0.54	4.61	-1.12	11.14	0.02	-2.64	-0.34	2.16	-2.51	0.57	1.14	2.21	-5.10	4.05	-0.47	-2.35	-9.99	2.61	3.4494
3670	4377	-0.09	4.90	-0.35	5.58	-1.37	1.07	1.09	-5.35	0.23	-1.98	-2.38	0.10	-2.03	-0.41	3.41	1.01	-2.47	2.50	3.4666
3671	4618	1.95	-6.83	1.13	5.58	1.06	-0.52	-0.34	3.09	0.89	2.75	1.05	2.21	-1.29	4.53	-1.03	-2.15	-2.47	-6.12	3.4889
3672	1336	-1.19	-3.11	-0.22	5.58	-1.37	0.01	1.09	-7.89	-0.14	-0.16	-0.64	0.10	-2.44	-1.06	3.41	2.99	12.56	-4.03	3.4913
3673	219	-0.95	5.43	-0.98	0.01	-0.68	0.01	-0.34	-2.04	0.03	-1.25	1.64	-2.49	-2.24	-2.76	-1.03	2.76	5.04	3.33	3.4940
3674	3671	1.16	-7.19	1.66	5.58	-0.68	4.25	-0.80	-2.73	4.13	0.57	-1.21	0.10	2.36	0.31	-1.03	7.99	-2.47	-8.51	3.4976
3675	770	-1.62	6.93	-0.36	5.58	-1.72	0.01	-0.80	-4.50	0.17	-2.71	-2.70	0.10	-2.09	-3.24	-1.03	1.43	7.55	2.50	3.5033
3676	3874	0.38	7.64	-0.68	11.14	-0.68	0.01	1.56	-1.70	-0.96	-3.43	-0.04	-2.49	-3.36	-2.10	2.86	-3.23	-7.48	6.06	3.5033
3677	407	-1.01	1.11	-0.77	0.01	-0.33	1.07	-0.34	3.61	0.36	-0.89	2.60	-2.49	-1.88	-2.63	-1.03	3.39	0.03	2.68	3.5064
3678	4520	-0.11	-1.42	-1.13	11.14	0.02	0.01	-0.34	0.82	-2.01	1.29	1.21	2.21	-4.55	5.23	-0.47	-0.05	-9.99	1.64	3.5131
3679	4862	-0.07	-10.04	3.21	0.01	2.45	-1.05	-0.34	2.50	4.99	-0.89	-2.55	6.00	3.36	4.60	-1.03	3.11	0.03	-10.75	3.5441
3680	2543	-0.04	5.16	0.39	-5.55	-0.33	2.13	1.56	2.11	0.46	-1.25	2.80	-2.49	-1.78	-3.47	1.75	4.46	-4.98	2.63	3.5607
3681	5656	-0.57	15.36	-5.38	-11.11	0.71	-1.58	-0.94	14.81	-7.16	3.11	2.36	-1.14	-10.36	5.63	-1.03	-1.28	-15.00	17.14	3.5714
3682	2537	0.00	-0.51	-0.11	5.58	0.71	0.01	1.56	3.75	-0.62	0.93	2.43	-2.49	-3.00	-1.90	3.41	-2.13	-2.47	-1.57	3.5770
3683	900	-1.78	10.16	-2.22	11.14	-1.37	-2.11	1.56	-6.00	-5.15	-3.07	1.34	-2.49	-8.08	-3.35	2.30	-2.89	5.04	10.54	3.5905
3684	3249	0.97	4.18	0.31	5.58	-0.33	1.07	-0.34	0.99	0.63	-0.53	0.61	-2.49	-1.58	-0.48	-0.47	-1.15	-4.98	1.59	3.5958
3685	3235	0.57	6.08	-0.34	11.14	-0.68	2.13	-0.34	-0.84	-0.88	-2.34	0.77	-2.49	-3.28	-1.98	-2.14	2.11	-9.99	6.06	3.5969
3686	1989	0.13	-10.58	1.80	-5.55	0.02	-1.58	-0.34	-4.37	2.09	0.93	1.18	1.30	26.36	-2.14	-0.47	-4.36	10.05	-10.86	3.6034
3687	2194	0.65	-6.79	2.31	11.14	0.02	2.13	-0.80	-1.75	3.10	1.66	-1.69	0.10	1.18	-1.80	-1.03	2.88	5.04	-12.75	3.6050
3688	4143	1.04	-12.58	4.14	0.01	2.10	1.07	1.56	-2.54	5.82	-1.98	-0.93	1.30	4.28	-0.43	1.75	6.83	5.04	-12.87	3.6159
3689	4553	-0.54	5.60	-1.69	11.14	0.02	-1.58	-0.34	2.16	-3.20	0.20	0.33	2.21	-5.89	3.90	-0.47	-2.96	-9.99	4.72	3.6233
3690	2490	1.02	-11.07	2.78	-5.55	1.06	-0.52	1.56	1.73	3.48	0.20	1.00	-2.49	1.64	0.30	2.86	-0.69	12.56	-6.23	3.6256
3691	50	-1.81	5.94	0.24	5.58	-0.33	-1.05	-0.94	-7.07	0.95	-1.62	-1.89	-2.81	-1.20	-1.74	-1.58	2.51	10.05	0.39	3.6304
3692	866	-1.15	6.64	-1.12	11.14	-0.68	-2.64	1.56	-2.91	-2.52	-2.71	0.83	-2.49	-5.11	-4.07	2.86	-4.16	7.55	2.61	3.6382
3693	193	-0.03	-19.27	3.97	-11.11	1.75	1.07	-0.94	-2.73	5.79	3.11	-1.28	-2.81	4.24	3.59	-1.03	4.60	27.58	-12.87	3.6531
3694	1416	-1.19	-2.12	-0.80	5.58	-1.37	1.07	1.09	-7.89	-0.83	-0.53	-1.45	0.10	-3.23	-1.21	3.41	2.38	12.56	-1.92	3.6652
3695	891	-1.49	12.53	-1.78	0.01	-1.37	-1.58	1.56	-5.78	-2.68	-3.80	1.03	-2.49	-5.30	-4.32	1.75	1.07	5.04	11.27	3.6666
3696	299	-0.95	6.41	-1.56	0.01	-0.68	1.07	-0.34	-2.04	-0.66	-1.62	0.83	-2.49	-3.03	-2.91	-1.03	2.15	5.04	5.45	3.6679
3697	4935	0.01	-0.74	0.21	-5.55	-0.68	1.60	-0.80	-2.39	2.33	1.29	-0.95	4.80	0.34	4.					

3700	1973	-0.65	-3.77	0.94	-5.55	1.40	-1.05	-0.34	9.37	1.23	0.20	1.57	-2.49	-0.90	0.44	-0.47	0.75	2.54	0.44	3.6717	
3701	1093	-1.15	6.32	-0.93	-5.55	-0.68	-1.58	1.56	1.70	-0.85	-1.62	1.82	-2.49	-3.24	-2.70	3.41	-1.56	5.04	6.15	3.6792	
3702	1079	-1.54	8.22	-1.58	0.01	-1.02	-0.52	1.56	-0.13	-2.36	-3.43	1.99	-2.49	-4.94	-4.19	1.75	1.71	0.03	10.61	3.6803	
3703	4101	1.20	0.48	-0.69	5.58	1.06	0.01	1.56	4.81	-1.31	0.20	1.62	-2.49	-3.78	-0.62	3.41	-2.94	-4.98	0.55	3.6871	
3704	3507	1.69	-8.33	2.49	11.14	1.40	3.19	-0.34	-3.66	5.93	-0.16	-0.88	1.30	4.37	-1.43	-1.03	5.74	-4.98	-12.75	3.6904	
3705	1851	1.21	-12.62	3.11	-5.55	1.06	1.60	-0.34	2.60	3.56	1.29	1.81	-2.49	1.72	0.42	-2.14	4.66	10.05	-6.23	3.7191	
3706	3553	1.34	-9.60	1.22	-5.55	0.36	-1.58	-0.34	-3.30	1.40	0.20	0.37	1.30	25.58	-0.86	-0.47	-5.17	7.55	-8.75	3.7224	
3707	494	-0.32	2.51	-0.70	5.58	0.71	-1.05	-0.34	5.66	-1.36	-0.53	1.31	-2.49	-3.84	-3.45	-1.03	-2.52	5.04	0.55	3.7237	
3708	1356	-0.60	-5.18	2.18	0.01	-1.02	1.07	1.09	-6.63	1.49	0.20	-0.69	0.10	-0.61	-1.72	2.30	5.21	15.06	-8.56	3.7292	
3709	2873	-0.18	-1.99	1.50	0.01	-1.37	2.66	1.09	-5.71	2.92	0.20	-1.98	0.10	1.00	-1.19	3.41	3.23	5.04	-5.04	3.7343	
3710	2859	-0.57	-0.09	0.85	5.58	-1.72	3.72	1.09	-7.54	1.41	-1.62	-1.82	0.10	-0.70	-2.69	1.75	6.50	0.03	-0.57	3.7354	
3711	5842	1.15	2.56	-1.67	0.01	0.71	0.01	-0.94	11.87	-3.07	3.84	0.72	-1.14	-5.74	3.88	-1.58	-4.15	-7.48	4.79	3.7682	
3712	2274	0.65	-5.80	1.73	11.14	0.02	3.19	-0.80	-1.75	2.41	1.29	-2.50	0.10	0.40	-1.95	-1.03	2.27	5.04	-10.64	3.7788	
3713	1894	-0.35	-2.72	1.52	-5.55	1.40	-1.05	-0.34	9.59	1.91	-0.53	2.06	-2.49	-0.12	-0.59	-1.03	1.21	2.54	-1.68	3.7876	
3714	4223	1.04	-11.59	3.56	0.01	2.10	2.13	1.56	-2.54	5.13	-2.34	-1.74	1.30	3.49	-0.58	1.75	6.22	5.04	-10.75	3.7897	
3715	1209	-1.27	-11.42	2.82	0.01	1.40	-1.58	1.56	-4.02	4.51	-1.98	-1.91	1.30	2.81	-1.08	3.41	1.02	17.57	-9.35	3.7982	
3716	4022	1.50	1.52	-0.11	5.58	1.06	0.01	1.56	5.03	-0.62	-0.53	2.12	-2.49	-3.00	-1.66	2.86	-2.48	-4.98	-1.57	3.8030	
3717	130	-1.81	6.93	-0.34	5.58	-0.33	0.01	-0.94	-7.07	0.26	-1.98	-2.70	-2.81	-1.99	-1.89	-1.58	1.90	10.05	2.50	3.8042	
3718	2354	-0.82	6.00	0.29	11.14	-0.68	-0.52	1.56	-1.75	0.22	-2.71	0.45	-2.49	-2.03	-3.45	2.86	-1.83	-4.98	2.54	3.8061	
3719	6148	1.63	-8.34	0.05	0.01	2.10	1.60	-0.94	5.96	1.10	5.66	-0.41	2.65	-1.07	5.16	-1.03	0.74	-4.98	-6.09	3.8104	
3720	946	-1.15	7.63	-1.70	11.14	-0.68	-1.58	1.56	-2.91	-3.21	-3.07	0.02	-2.49	-5.89	-4.22	2.86	-4.77	7.55	4.72	3.8121	
3721	3699	0.93	0.56	-0.56	5.58	-1.37	3.72	-0.80	-4.82	1.37	-0.53	-1.44	0.10	-0.75	-0.17	-1.03	6.00	-2.47	-0.51	3.8158	
3722	3474	1.63	-8.55	1.80	-5.55	0.36	-1.58	-0.34	-3.08	2.09	-0.53	0.87	1.30	26.35	-1.89	-1.03	-4.72	7.55	-10.86	3.8293	
3723	5015	0.01	0.24	-0.36	-5.55	-0.68	2.66	-0.80	-2.39	1.64	0.93	-1.76	4.80	-0.44	4.75	-1.03	7.99	-4.98	-1.19	3.8435	
3724	3038	1.66	-6.79	2.33	11.14	1.75	1.07	-0.94	-3.24	3.20	2.02	-1.69	-2.81	1.30	0.98	-1.58	3.15	5.04	-12.75	3.8444	
3725	3587	1.69	-7.35	1.91	11.14	1.40	4.25	-0.34	-3.66	5.23	-0.53	-1.69	1.30	3.58	-1.58	-1.03	5.13	-4.98	-10.64	3.8642	
3726	3458	0.85	-1.73	0.94	-5.55	1.75	-1.05	-0.34	10.66	1.23	-1.25	1.25	-2.49	-0.90	0.69	-1.03	0.40	0.03	0.44	3.8976	
3727	1729	-0.23	2.55	1.28	5.58	-0.33	0.54	-0.34	0.94	1.81	0.20	1.09	-2.49	-0.25	-1.84	-0.47	0.25	-2.47	-1.92	3.8986	
3728	1715	-0.63	4.45	0.63	11.14	-0.68	1.60	-0.34	-0.88	0.30	-1.62	1.26	-2.49	-1.95	-3.34	-2.14	3.51	-7.48	2.54	3.8997	
3729	6042	-0.76	9.71	-1.47	5.58	0.71	-1.05	-0.94	6.43	-0.88	-0.16	-2.63	2.65	-3.27	1.54	-1.58	-1.07	-15.00	6.09	3.9019	
3730	1436	-0.60	-4.19	1.60	0.01	-1.02	2.13	1.09	-6.63	0.80	-0.16	-1.50	0.10	-1.39	-1.87	2.30	4.60	15.06	-6.45	3.9031	
3731	1554	0.46	-6.79	2.33	11.14	1.40	2.13	-0.94	-4.31	3.19	2.38	-1.69	-2.81	1.29	-0.45	-1.58	3.35	7.55	-12.75	3.9059	
3732	995	0.12	-1.12	-0.76	0.01	-1.02	-0.52	1.56	-5.32	0.35	-0.89	1.79	-2.49	-1.89	-2.13	2.86	0.71	10.05	2.61	3.9105	
3733	4472	-0.88	8.52	-1.25	11.14	-0.33	-2.64	-0.34	0.31	-3.96	-0.53	1.83	2.21	-6.74	3.67	-1.58	-0.03	-12.49	7.03	3.9305	
3734	4358	1.32	0.05	1.50	0.01	-1.02	2.66	1.09	-4.42	2.92	-1.25	-2.30	0.10	1.00	-0.94	2.86	2.88	2.54	-5.04	3.9602	
3735	2434	-0.82	6.99	-0.29	11.14	-0.68	0.54	1.56	-1.75	-0.47	-3.07	-0.36	-2.49	-2.82	-3.60	2.86	-2.44	-4.98	4.66	3.9800	
3736	3118	1.66	-5.80	1.75	11.14	1.75	2.13	-0.94	-3.24	2.51	1.66	-2.50	-2.81	0.51	0.83	-1.58	2.54	5.04	-10.64	4.0182	
3737	4587	1.34	-12.62	3.13	-5.55	1.75	0.54	-0.34	5.07	3.62	-0.16	0.00	5.07	2.21	1.79	4.92	-2.14	1.67	5.04	-6.23	4.0387
3738	3719	1.51	-1.51	1.84	0.01	-1.02	4.78	-0.80	-3.55	3.00	-0.16	-1.49	0.10	1.08	-0.83	-2.14	8.22	0.03	-5.04	4.0537	
3739	3713	1.56	-7.18	1.34	11.14	0.02	2.66	-0.80	-1.92	1.93	2.02	-1.86	0.10	-0.14	0.74	-0.47	1.64	2.54	-9.24	4.0701	
3740	1809	-0.23	3.53	0.70	5.58	-0.33	1.60	-0.34	0.94	1.11	-0.16	0.28	-2.49	-1.03	-1.99	-0.47	-0.36	-2.47	0.19	4.0724	
3741	1795	-0.63	5.43	0.05	11.14	-0.68	2.66	-0.34	-0.88	-0.39	-1.98	0.45	-2.49	-2.73	-3.49	-2.14	2.90	-7.48	4.66	4.0735	
3742	1634	0.46	-5.80	1.75	11.14	1.40	3.19	-0.94	-4.31	2.50	2.02	-2.50	-2.81	0.50	-0.60	-1.58	2.74	7.55	-10.64	4.0798	
3743	1988	-0.21	-6.67	1.66	-5.55	-0.33	-1.58	-0.34	-6.22	0.63	-0.16	1.87	1.30	24.71	-2.52	-1.58	-2.05	7.55	-6.44	4.0844	
3744	689	-1.92	3.91	0.22	5.58	-1.72	-1.05	-0.80	-4.72	0.87	-1.25	-1.57	0.10	-1.30	-1.91	-0.47	2.19	7.55	0.39	4.0973	
3745	4552	-0.88	9.51	-1.83	11.14	-0.33	-1.58	-0.34	0.31	-4.66	-0.89	1.02	2.21	-7.53	3.52	-1.58	-0.64	-12.49	9.14	4.1043	
3746	2179	-0.28	-1.08	0.41	5.58	-1.37	3.19	-0.80	-4.86	2.55	0.20	-0.95	0.10	0.58	-1.52	-1.03	7.39	0.03	-4.03	4.1186	
3747	2382	-1.06	13.75	-1.93	11.14	-1.37	-1.05	1.56	-3.84	-2.54	-3.80	0.22	-2.49	-5.14	-3.93	2.86	-3.82	-4.98	10.54	4.1243	
3748	3214	1.27	4.58	1.28	5.58	0.02	0.54	-0.34	2.23	1.80	-1.25	0.78	-2.49	-0.25	-1.59	-1.03	-0.11	-4.98	-1.92	4.1245	
3749	4781	-0.36	-13.06	3.79	0.01	2.45	-2.11	-0.34	2.29	5.69	0.57	-1.43	6.00	4.15	5.93	-0.47	3.87	0.03	-12.87	4.1382	
3750	5280	-0.55	14.48	-4.80	-11.11	0.71	-2.64	-0.94	14.44	-6.47	3.48	3.17	2.09	-9.57	3.26	-1.03	-0.36	-15.00	15.03	4.1785	
3751	4745	-0.25	5.67	-0.54	-5.55	0.36	-1.05	-0.34	8.01	-0.36	0.57	1.50	2.21	-2.68	4.17	-0.47	0.69	-12.49	4.74	4.1930	
3752	4731	-0.64	7.57	-1.19	0.01	0.02	0.01	-0.34	6.18	-1.86	-1.25	1.66	2.21	-4.38	2.67	-2.14	3.95	-17.50	9.21	4.1941	
3753	2576	0.19	-0.42	-1.38	5.58	0.36	0.54	1.56	1.34	-1.70	0.93	2.75	-2.49	-4.22	-1.13	3.41	-0.63	-2.47	1.95	4.1979	
3754	3552	1.00	-5.68	1.08	-5.55	0.02	-1.58	-0.34	-5.15	-0.05	-0.89	1.06	1.30	23.94	-1.24	-1.58	-2.85	5.04	-4.33	4.2034	
3755	1743	-0.87	12.19	-1.59	11.14	-1.37	1.07	-0.34	-2.98	-2.46	-2.71	1.03	-2.49	-5.06	-3.81	-2.14	1.52	-7.48	10.54	4.2178	
3756	479	-1.25	8.21	-2.60	0.01	-0.68	0.01	-0.34	2.54	-1.91	-1.98	2.04	-2.49	-4.44	-3.18	-1.03	1.99	0.03	9.27	4.2374	
3757	4623	1.61	-3.19	1.64	-5.55	0.02	1.60	-0.34	1.24	1.97	1.66	1.74	2.21	-0.06	4.14	-2.14	4.59	-4.98	-1.92	4.2404	
3758	4617	1.66	-8.86	1.14	5.58	1.06	-0.52	-0.34	2.87	0.90	3.84	1.37	2.21	-1.29	5.71	-0.47	-2.00	-2.47	-6.12	4.2568	
3759	2838	0.12	-1.59	2.47	0.01	-1.02	2.13	1.09	-4.47	4.10	-0.53	-1.81	0.10	2.33	-2.30	2.86	4.28	5.04	-8.56	4.2630	
3760	3951	2.90	-8.38	1.49	5.58	0.71	3.72	1.56	-1.96	3.77	-0.89	0.05	-2.49	1.94	-1.37	2.86	-1.65	2.54	-6.12	4.2652	
3761	769	-1.92	4.90	-0.36	5.58	-1.72	0.01	-0.80	-4.72	0.17	-1.62	-2.38	0.10	-2.09	-2.06	-0.47	1.58	7.55	2.50	4.2712	
3762	3873	0.09	5.60	-0.67	11.14	-0.68	0.01	1.56	-1.92	-0.95	-2.34	0.28	-2.49	-3.36</							

3765	266	-1.44	7.64	-0.69	11.14	-1.02	-1.05	-0.34	-1.08	1.01	-3.07	-0.04	-2.49	-3.42	-3.74	-1.03	-2.66	2.54	6.06	4.3079
3766	4666	0.05	6.71	0.04	-5.55	0.36	-1.05	-0.34	8.23	0.33	-0.16	1.99	2.21	-1.91	3.14	-1.03	1.14	-12.49	2.63	4.3089
3767	4861	-0.36	-12.07	3.21	0.01	2.45	-1.05	-0.34	2.29	5.00	0.20	-2.24	6.00	3.36	5.78	-0.47	3.26	0.03	-10.75	4.3120
3768	4007	0.57	7.22	-2.01	0.01	-0.33	1.07	1.56	1.92	-1.17	-1.98	2.85	-2.49	-3.60	-1.38	2.86	2.03	-9.99	7.16	4.3166
3769	1174	-0.97	-11.03	3.79	0.01	1.75	-2.11	1.56	-2.78	5.69	-2.71	-1.74	1.30	4.14	-2.19	2.86	2.06	17.57	-12.87	4.3269
3770	5834	0.91	8.67	-2.92	0.01	0.36	-2.11	-0.94	10.80	-4.64	3.11	0.98	-1.14	-7.51	3.49	-1.58	-4.94	-7.48	9.27	4.3343
3771	4679	-0.88	14.33	-2.83	0.01	-0.68	-1.58	-0.34	4.09	-3.93	-1.98	2.24	2.21	-6.71	2.35	-2.14	2.57	-17.50	15.10	4.3384
3772	2199	0.31	-3.14	2.81	0.01	-1.02	4.25	-0.80	-3.60	4.18	0.57	-1.00	0.10	2.41	-2.18	-2.14	9.62	2.54	-8.56	4.3565
3773	3023	0.74	-1.08	0.43	5.58	0.36	2.13	-0.94	-6.36	2.65	0.57	-0.95	-2.81	0.70	1.26	-1.58	7.66	0.03	-4.03	4.3580
3774	2193	0.35	-8.82	2.31	11.14	0.02	2.13	-0.80	-1.97	3.11	2.75	-1.37	0.10	1.19	-0.62	-0.47	3.03	5.04	-12.75	4.3729
3775	1138	-0.85	7.70	-0.54	-5.55	-0.33	-1.05	1.56	2.94	-0.36	-2.71	1.18	-2.49	-2.69	-3.95	2.86	-1.13	5.04	4.74	4.3818
3776	5088	1.90	-16.58	2.03	0.01	0.36	3.19	-0.80	-1.89	3.27	5.29	-0.41	4.80	1.37	7.54	-0.47	5.00	2.54	-12.75	4.3921
3777	2489	0.72	-13.10	2.78	-5.55	1.06	-0.52	1.56	1.51	3.48	1.29	1.31	-2.49	1.65	1.48	3.41	-0.54	12.56	-6.23	4.3935
3778	49	-2.11	3.91	0.24	5.58	-0.33	-1.05	-0.94	-7.28	0.96	-0.53	-1.57	-2.81	-1.20	-0.56	-1.03	2.66	10.05	0.39	4.3983
3779	865	-1.44	4.61	-1.12	11.14	-0.68	-2.64	1.56	-3.13	-2.51	-1.62	1.14	-2.49	-5.10	-2.89	3.41	-4.01	7.55	2.61	4.4061
3780	1539	-0.47	-1.08	0.43	5.58	0.02	3.19	-0.94	-7.43	2.65	0.93	-0.95	-2.81	0.69	-0.18	-1.58	7.86	2.54	-4.03	4.4196
3781	535	-0.78	-12.58	4.13	0.01	1.75	0.01	-0.34	-1.92	5.77	-1.62	-0.93	1.30	4.22	-2.07	-2.14	7.40	15.06	-12.87	4.4205
3782	5902	-0.99	24.46	-5.19	-11.11	0.02	-3.70	-0.94	14.92	-6.45	0.20	1.43	-1.14	-9.55	2.22	-1.58	-3.17	-17.50	22.49	4.4223
3783	2918	0.12	-0.60	1.89	0.01	-1.02	3.19	1.09	-4.47	3.40	-0.89	-2.62	0.10	1.55	-2.45	2.86	3.67	5.04	-6.45	4.4369
3784	1010	1.05	-6.83	1.13	5.58	0.36	-0.52	1.56	-2.20	0.89	0.57	1.05	-2.49	-1.29	-2.41	2.86	-3.81	15.06	-6.12	4.4455
3785	5576	-0.57	14.37	-4.80	-11.11	0.71	-1.58	-0.94	14.81	-6.47	3.48	3.17	-1.14	-9.57	5.78	-1.03	-0.68	-15.00	15.03	4.4553
3786	912	-1.01	-1.42	-1.13	11.14	-0.68	0.01	1.56	-4.47	-2.01	-0.89	1.21	-2.49	-4.55	-1.71	3.41	-1.71	7.55	1.64	4.4698
3787	499	-0.66	6.15	-0.20	-5.55	-0.33	1.07	-0.34	3.81	-0.28	-1.62	1.99	-2.49	-2.61	-3.84	-2.14	4.22	2.54	4.74	4.4753
3788	4982	-0.48	1.47	0.51	5.58	-1.02	0.54	-0.80	-1.42	1.29	-0.53	-2.63	4.80	-0.83	3.92	-1.03	3.18	-7.48	-0.57	4.4836
3789	493	-0.62	0.48	-0.70	5.58	0.71	-1.05	-0.34	5.44	-1.36	0.57	1.62	-2.49	-3.83	-2.27	-0.47	-2.37	5.04	0.55	4.4916
3790	1254	-0.97	-10.04	3.21	0.01	1.75	-1.05	1.56	-2.78	4.99	-3.07	-2.55	1.30	3.35	-2.34	2.86	1.45	17.57	-10.75	4.5008
3791	2279	0.31	-2.16	2.23	0.01	-1.02	5.31	-0.80	-3.60	3.49	0.20	-1.81	0.10	1.63	-2.33	-2.14	9.01	2.54	-6.45	4.5304
3792	3103	0.74	-0.09	-0.15	5.58	0.36	3.19	-0.94	-6.36	1.96	0.20	-1.76	-2.81	-0.09	1.11	-1.58	7.05	0.03	-1.92	4.5319
3793	5841	0.85	0.53	-1.67	0.01	0.71	0.01	-0.94	11.65	-3.06	4.93	1.04	-1.14	-5.73	5.07	-1.03	-4.00	-7.48	4.79	4.5361
3794	2273	0.35	-7.83	1.73	11.14	0.02	3.19	-0.80	-1.97	2.41	2.38	-2.18	0.10	0.40	-0.76	-0.47	2.42	5.04	-10.64	4.5467
3795	4027	1.16	5.16	0.39	-5.55	0.02	2.13	1.56	3.18	0.46	-1.62	2.80	-2.49	-1.77	-2.04	1.75	4.25	-7.48	2.63	4.5545
3796	1893	-0.65	-4.75	1.52	-5.55	1.40	-1.05	-0.34	9.37	1.92	0.57	2.38	-2.49	-0.11	0.59	-0.47	1.36	2.54	-1.68	4.5555
3797	4021	1.20	-0.51	-0.11	5.58	1.06	0.01	1.56	4.81	-0.61	0.57	2.43	-2.49	-3.00	-0.47	3.41	-2.33	-4.98	-1.57	4.5709
3798	129	-2.11	4.90	-0.34	5.58	-0.33	0.01	-0.94	-7.28	0.27	-0.89	-2.38	-2.81	-1.98	-0.71	-1.03	2.05	10.05	2.50	4.5721
3799	2353	-1.12	3.97	0.29	11.14	-0.68	-0.52	1.56	-1.97	0.23	-1.62	0.76	-2.49	-2.03	-2.27	3.41	-1.68	-4.98	2.54	4.5740
3800	945	-1.44	5.60	-1.69	11.14	-0.68	-1.58	1.56	-3.13	-3.20	-1.98	0.33	-2.49	-5.89	-3.04	3.41	-4.62	7.55	4.72	4.5800
3801	1619	-0.47	-0.09	-0.15	5.58	0.02	4.25	-0.94	-7.43	1.95	0.57	-1.76	-2.81	-0.10	-0.32	-1.58	7.25	2.54	-1.92	4.5934
3802	615	-0.78	-11.59	3.55	0.01	1.75	1.07	-0.34	-1.92	5.08	-1.98	-1.74	1.30	3.44	-2.22	-2.14	6.79	15.06	-10.75	4.5943
3803	3043	1.32	-3.14	2.83	0.01	0.71	3.19	-0.94	-5.09	4.28	0.93	-1.00	-2.81	2.53	0.60	-2.69	9.89	2.54	-8.56	4.5960
3804	3473	1.34	-10.58	1.80	-5.55	0.36	-1.58	-0.34	-3.30	2.10	0.57	1.18	1.30	26.36	-0.71	-0.47	-4.57	7.55	-10.86	4.5972
3805	3678	1.85	-6.79	2.31	11.14	0.36	2.13	-0.80	-0.68	3.10	1.29	-1.69	0.10	1.19	-0.37	-1.03	2.68	2.54	-12.75	4.5988
3806	414	-0.32	1.52	-0.13	5.58	0.71	-1.05	-0.34	5.66	-0.67	-0.16	2.12	-2.49	-3.06	-3.30	-1.03	-1.91	5.04	-1.57	4.6076
3807	3037	1.37	-8.82	2.33	11.14	1.75	1.07	-0.94	-3.46	3.21	3.11	-1.37	-2.81	1.30	2.16	-1.03	3.30	5.04	-12.75	4.6123
3808	3974	2.22	-11.07	2.78	-5.55	1.40	-0.52	1.56	2.80	3.48	-0.16	1.00	-2.49	1.65	1.73	2.86	-0.89	10.05	-6.23	4.6194
3809	1327	-0.90	-0.74	0.21	-5.55	-1.37	1.60	1.09	-7.67	2.33	-0.89	-0.95	0.10	0.34	-2.04	2.86	6.94	12.56	-3.30	4.6264
3810	1559	0.12	-3.14	2.83	0.01	0.36	4.25	-0.94	-6.16	4.27	1.29	-1.00	-2.81	2.52	-0.83	-2.69	10.09	5.04	-8.56	4.6575
3811	3457	0.56	-3.77	0.94	-5.55	1.75	-1.05	-0.34	10.44	1.23	-0.16	1.57	-2.49	-0.89	1.87	-0.47	0.55	0.03	0.44	4.6655
3812	6041	-1.05	7.68	-1.47	5.58	0.71	-1.05	-0.94	6.21	-0.88	0.93	-2.31	2.65	-3.26	2.72	-1.03	-0.91	-15.00	6.09	4.6698
3813	1553	0.16	-8.82	2.33	11.14	1.40	2.13	-0.94	-4.53	3.20	3.48	-1.37	-2.81	1.29	0.73	-1.03	3.50	7.55	-12.75	4.6738
3814	3335	2.41	-12.62	3.12	-5.55	1.40	1.60	-0.34	3.66	3.56	0.93	1.81	-2.49	1.73	1.85	-2.14	4.45	7.55	-6.23	4.7130
3815	4357	1.03	-1.99	1.51	0.01	-1.02	2.66	1.09	-4.64	2.92	-0.16	-1.98	0.10	1.01	0.24	3.41	3.03	2.54	-5.04	4.7281
3816	4343	0.63	-0.09	0.86	5.58	-1.37	3.72	1.09	-6.47	1.42	-1.98	-1.82	0.10	-0.70	-1.26	1.75	6.30	-2.47	-0.57	4.7292
3817	2433	-1.12	4.96	-0.28	11.14	-0.68	0.54	1.56	-1.97	-0.47	-1.98	-0.05	-2.49	-2.81	-2.42	3.41	-2.29	-4.98	4.66	4.7479
3818	750	-0.50	0.05	1.49	0.01	-1.37	1.60	-0.80	-3.79	2.87	-0.89	-2.30	0.10	0.95	-2.59	-1.03	3.45	12.56	-5.04	4.7648
3819	3123	1.32	-2.16	2.26	0.01	0.71	4.25	-0.94	-5.09	3.59	0.57	-1.81	-2.81	1.75	0.45	-2.69	9.28	2.54	-6.45	4.7698
3820	3758	1.85	-5.80	1.73	11.14	0.36	3.19	-0.80	-0.68	2.41	0.93	-2.50	0.10	0.40	-0.52	-1.03	2.07	2.54	-10.64	4.7727
3821	3378	0.85	-2.72	1.52	-5.55	1.75	-1.05	-0.34	10.66	1.92	-0.89	2.06	-2.49	-0.12	0.84	-1.03	1.01	0.03	-1.68	4.7815
3822	3117	1.37	-7.83	1.75	11.14	1.75	2.13	-0.94	-3.46	2.51	2.75	-2.18	-2.81	0.52	2.01	-1.03	2.69	5.04	-10.64	4.7862
3823	3838	0.38	6.00	0.29	11.14	-0.33	-0.52	1.56	-0.68	0.22	-3.07	0.45	-2.49	-2.03	-2.02	2.86	-2.03	-7.48	2.54	4.8000
3824	1407	-0.90	0.24	-0.36	-5.55	-1.37	2.66	1.09	-7.67	1.64	-1.25	-1.76	0.10	-0.44	-2.19	2.86	6.33	12.56	-1.19	4.8002
3825	4484	-0.11	-3.05	-0.16	11.14	0.36	-0.52	-0.34	1.84	-0.82	1.66	1.70	2.21	-3.21	5.30	-0.47	1.14	-9.99	-1.88	4.8098
3826	1639	0.12	-2.16	2.25	0.01	0.36	5.31	-0.94	-6.16	3.58	0.93	-1.81	-2.81	1.74	-0.98	-2.69	9.48	5.04	-6.45	4.8313
3827	1760	-0.16	-6.81	1.50	5.58	1.06	0.01	-0.34	2.38	-0.38	0.57	1.49	-2.49	-2.70						

3830	2381	-1.35	11.71	-1.93	11.14	-1.37	-1.05	1.56	-4.06	2.54	-2.71	0.53	-2.49	-5.14	-2.74	3.41	-3.67	-4.98	10.54	4.8922
3831	3213	0.97	2.55	1.28	5.58	0.02	0.54	-0.34	2.01	1.81	-0.16	1.09	-2.49	-0.24	-0.41	-0.47	0.04	-4.98	-1.92	4.8924
3832	3199	0.57	4.45	0.63	11.14	-0.33	1.60	-0.34	0.18	0.31	-1.98	1.26	-2.49	-1.94	-1.90	-2.14	3.31	-9.99	2.54	4.8935
3833	4696	-0.17	-4.67	0.26	-5.55	1.75	-2.64	-0.34	9.44	-1.85	1.29	2.70	2.21	-4.36	6.60	-1.58	2.49	-2.47	1.84	4.9652
3834	5250	1.16	3.27	-1.81	0.01	0.71	-1.58	-0.94	11.50	-3.24	3.84	0.72	2.09	-5.93	2.56	-1.58	-3.60	-7.48	5.26	4.9716
3835	3918	0.38	6.99	-0.28	11.14	-0.33	0.54	1.56	-0.68	-0.47	-3.43	-0.36	-2.49	-2.81	-2.17	2.86	-2.64	-7.48	4.66	4.9738
3836	4564	-0.11	-2.06	-0.74	11.14	0.36	0.54	-0.34	1.84	-1.52	1.29	0.89	2.21	-3.99	5.15	-0.47	0.53	-9.99	0.24	4.9836
3837	979	0.43	-12.62	3.13	-5.55	1.06	0.54	1.56	-0.21	3.62	-2.34	0.00	-2.49	1.79	-2.02	1.75	0.01	22.57	-6.23	4.9954
3838	5840	0.51	4.45	-1.81	0.01	0.36	0.01	-0.94	9.80	-4.52	3.84	1.72	-1.14	-7.38	4.68	-2.14	-1.68	-9.99	9.21	5.0172
3839	2837	-0.18	-3.62	2.47	0.01	-1.02	2.13	1.09	-4.68	4.10	0.57	-1.50	0.10	2.34	-1.11	3.41	4.43	5.04	-8.56	5.0309
3840	2823	-0.57	-1.72	1.82	5.58	-1.37	3.19	1.09	-6.51	2.60	-1.25	-1.33	0.10	0.63	-2.61	1.75	7.69	0.03	-4.09	5.0320
3841	944	-1.78	9.51	-1.83	11.14	-1.02	-1.58	1.56	-4.98	-4.66	-3.07	1.02	-2.49	-7.53	-3.42	2.30	-2.30	5.04	9.14	5.0610
3842	4463	-0.58	10.89	-0.81	0.01	-0.33	-1.05	-0.34	0.52	-1.49	-1.25	1.51	2.21	-3.96	2.69	-2.14	3.92	-12.49	7.75	5.0656
3843	110	-0.69	0.05	1.51	0.01	0.02	1.60	-0.94	-6.36	2.96	-0.16	-2.30	-2.81	1.05	-1.24	-1.58	3.92	15.06	-5.04	5.0657
3844	3293	0.97	3.53	0.70	5.58	0.02	1.60	-0.34	2.01	1.12	-0.53	0.28	-2.49	-1.02	-0.56	-0.47	-0.57	-4.98	0.19	5.0662
3845	3279	0.57	5.43	0.05	11.14	-0.33	2.66	-0.34	0.18	-0.39	-2.34	0.45	-2.49	-2.73	-2.05	-2.14	2.70	-9.99	4.66	5.0673
3846	343	1.08	-8.38	1.48	5.58	0.36	2.66	-0.34	-1.33	3.72	-0.53	0.05	-2.49	1.88	-3.02	-1.03	-1.08	12.56	-6.12	5.0698
3847	265	-1.74	5.60	-0.69	11.14	-1.02	-1.05	-0.34	-1.30	-1.01	-1.98	0.28	-2.49	-3.41	-2.56	-0.47	-2.51	2.54	6.06	5.0758
3848	4665	-0.25	4.68	0.04	-5.55	0.36	-1.05	-0.34	8.01	0.34	0.93	2.31	2.21	-1.90	4.32	-0.47	1.29	-12.49	2.63	5.0768
3849	4651	-0.64	6.58	-0.61	0.01	0.02	0.01	-0.34	6.18	-1.17	-0.89	2.47	2.21	-3.60	2.82	-2.14	4.56	-17.50	7.10	5.0779
3850	3472	1.00	-6.67	1.66	-5.55	0.02	-1.58	-0.34	-5.15	0.64	-0.53	1.87	1.30	24.72	-1.09	-1.58	-2.25	5.04	-6.44	5.0783
3851	1173	-1.27	-13.06	3.79	0.01	1.75	-2.11	1.56	-3.00	5.69	-1.62	-1.43	1.30	4.15	-1.01	3.41	2.21	17.57	-12.87	5.0948
3852	1755	-0.10	0.62	-0.50	11.14	-0.68	3.19	-0.34	-1.44	0.68	-0.53	0.90	-2.49	-1.52	-2.18	-1.03	2.69	-4.98	1.64	5.0971
3853	5833	0.61	6.64	-2.92	0.01	0.36	-2.11	-0.94	10.59	-4.64	4.20	1.29	-1.14	-7.50	4.67	-1.03	-4.79	-7.48	9.27	5.1022
3854	3663	0.93	-1.08	0.41	5.58	-1.02	3.19	-0.80	-3.80	2.56	-0.16	-0.95	0.10	0.59	-0.09	-1.03	7.19	-2.47	-4.03	5.1125
3855	3866	0.15	13.75	-1.93	11.14	-1.02	-1.05	1.56	-2.77	-2.54	-4.16	0.22	-2.49	-5.14	-2.50	2.86	-4.02	-7.48	10.54	5.1182
3856	399	-1.25	7.22	-2.02	0.01	-0.68	0.01	-0.34	2.54	-1.22	-1.62	2.85	-2.49	-3.65	-3.03	-1.03	2.60	0.03	7.16	5.1212
3857	4512	-0.35	4.70	-2.38	11.14	-0.33	-1.05	-0.34	-0.25	-3.59	0.57	1.47	2.21	-6.32	4.83	-0.47	-0.85	-9.99	6.12	5.1279
3858	1137	-1.15	5.67	-0.54	-5.55	-0.33	-1.05	1.56	2.72	-0.36	-1.62	1.50	-2.49	-2.68	-2.77	3.41	-0.97	5.04	4.74	5.1497
3859	1123	-1.54	7.57	-1.19	0.01	-0.68	0.01	1.56	0.89	-1.86	-3.43	1.66	-2.49	-4.38	-4.27	1.75	2.29	0.03	9.21	5.1508
3860	5901	-1.29	22.43	-5.19	-11.11	0.02	-3.70	-0.94	14.71	-6.45	1.29	1.75	-1.14	-9.54	3.41	-1.03	-3.01	-17.50	22.49	5.1902
3861	4060	1.40	-0.42	-1.37	5.58	0.71	0.54	1.56	2.41	-1.69	0.57	2.75	-2.49	-4.21	0.30	3.41	-0.83	-4.98	1.95	5.1917
3862	1015	0.71	-3.19	1.64	-5.55	-0.68	1.60	1.56	-4.05	1.97	-0.53	1.74	-2.49	-0.06	-2.79	1.75	2.93	12.56	-1.92	5.1971
3863	6006	-0.76	8.07	-0.50	5.58	1.06	-1.58	-0.94	7.45	0.30	0.20	-2.14	2.65	-1.93	1.61	-1.58	0.13	-15.00	2.57	5.1985
3864	4503	-0.05	7.06	-1.94	0.01	-0.33	-0.52	-0.34	-0.03	-1.12	-0.16	1.15	2.21	-3.54	3.85	-1.03	3.10	-9.99	6.85	5.2040
3865	2917	-0.18	-2.64	1.90	0.01	-1.02	3.19	1.09	-4.68	3.41	0.20	-2.31	0.10	1.55	-1.26	3.41	3.82	5.04	-6.45	5.2048
3866	2903	-0.57	-0.74	1.25	5.58	-1.37	4.25	1.09	-6.51	1.91	-1.62	-2.14	0.10	-0.15	-2.76	1.75	7.08	0.03	-1.98	5.2059
3867	3227	0.34	12.19	-1.59	11.14	-1.02	1.07	-0.34	-1.91	-2.46	-3.07	1.03	-2.49	-5.05	-2.38	-2.14	1.32	-9.99	10.54	5.2117
3868	1009	0.75	-8.86	1.14	5.58	0.36	-0.52	1.56	-2.42	0.90	1.66	1.37	-2.49	-1.29	-1.23	3.41	-3.66	15.06	-6.12	5.2135
3869	4691	-0.11	2.75	-1.73	0.01	0.02	0.54	-0.34	5.63	-0.79	0.20	2.11	2.21	-3.18	3.98	-1.03	3.74	-15.00	6.19	5.2177
3870	4543	-0.58	11.88	-1.39	0.01	-0.33	0.01	-0.34	0.52	-2.19	-1.62	0.70	2.21	-4.75	2.54	-2.14	3.31	-12.49	9.87	5.2394
3871	5546	1.15	3.15	-1.81	0.01	0.71	-0.52	-0.94	11.87	-3.24	3.84	0.72	-1.14	-5.93	5.08	-1.58	-3.92	-7.48	5.27	5.2483
3872	4981	-0.78	-0.57	0.51	5.58	-1.02	0.54	-0.80	-1.64	1.29	0.57	-2.31	4.80	-0.82	5.10	-0.47	3.34	-7.48	-0.57	5.2515
3873	4322	1.32	-1.59	2.47	0.01	-0.68	2.13	1.09	-3.40	4.10	-0.89	-1.81	0.10	2.34	-0.87	2.86	4.07	2.54	-8.56	5.2569
3874	1058	-0.85	6.71	0.04	-5.55	-0.33	-1.05	1.56	2.94	0.33	-2.34	1.99	-2.49	-1.91	-3.80	2.86	-0.52	5.04	2.63	5.2656
3875	1253	-1.27	-12.07	3.21	0.01	1.75	-1.05	1.56	-3.00	5.00	-1.98	-2.24	1.30	3.36	-1.16	3.41	1.60	17.57	-10.75	5.2687
3876	3743	0.93	-0.09	-0.17	5.58	-1.02	4.25	-0.80	-3.80	1.87	-0.53	-1.76	0.10	-0.20	-0.24	-1.03	6.58	-2.47	-1.92	5.2863
3877	1071	-1.78	14.33	-2.83	0.01	-1.37	-1.58	1.56	-1.20	-3.93	-4.16	2.24	-2.49	-6.71	-4.59	1.75	0.91	0.03	15.10	5.2951
3878	1480	1.00	-16.58	2.03	0.01	-0.33	3.19	1.09	-7.18	3.27	3.11	-0.41	0.10	1.37	0.60	3.41	3.34	20.07	-12.75	5.3488
3879	2851	-0.81	6.02	-0.40	5.58	-2.06	2.66	1.09	-8.60	-0.16	-2.34	-1.56	0.10	-2.48	-3.09	1.75	5.70	0.03	3.91	5.3502
3880	3683	1.51	-3.14	2.81	0.01	-0.68	4.25	-0.80	-2.53	4.19	0.20	-1.00	0.10	2.42	-0.75	-2.14	9.42	0.03	-8.56	5.3504
3881	419	-0.66	5.16	0.38	-5.55	-0.33	1.07	-0.34	3.81	0.41	-1.25	2.80	-2.49	-1.82	-3.69	-2.14	4.82	2.54	2.63	5.3591
3882	4532	0.24	2.63	0.02	5.58	0.02	0.01	-0.34	1.02	-1.96	0.93	1.42	2.21	-4.49	4.17	-1.58	1.38	-7.48	1.59	5.3659
3883	3677	1.56	-8.82	2.31	11.14	0.36	2.13	-0.80	-0.90	3.11	2.38	-1.37	0.10	1.20	0.82	-0.47	2.83	2.54	-12.75	5.3667
3884	6086	-0.76	9.06	-1.08	5.58	1.06	-0.52	-0.94	7.45	-0.39	-0.16	-2.95	2.65	-2.72	1.46	-1.58	-0.48	-15.00	4.68	5.3724
3885	413	-0.62	-0.51	-0.12	5.58	0.71	-1.05	-0.34	5.44	-0.66	0.93	2.43	-2.49	-3.05	-2.12	-0.47	-1.76	5.04	-1.57	5.3755
3886	3973	1.93	-13.10	2.78	-5.55	1.40	-0.52	1.56	2.58	3.49	0.93	1.31	-2.49	1.65	2.91	3.41	-0.74	10.05	-6.23	5.3873
3887	2346	-1.06	12.11	-0.96	11.14	-1.02	-1.58	1.56	-2.82	-1.36	-3.43	0.70	-2.49	-3.81	-3.85	2.86	-2.63	-4.98	7.03	5.4210
3888	366	0.40	-11.07	2.77	-5.55	1.06	-1.58	-0.34	3.42	3.43	0.20	1.00	-2.49	1.59	0.08	-1.03	-0.32	20.07	-6.23	5.4240
3889	4402	1.32	-0.60	1.90	0.01	-0.68	3.19	1.09	-3.40	3.41	-1.25	-2.62	0.10	1.55	-1.02	2.86	3.46	2.54	-6.45	5.4307
3890	1374	-1.38	1.47	0.51	5.58	-1.72	0.54	1.09	-6.71	1.29	-2.71	-2.63	0.10	-0.83	-3.02	2.86	1.52	10.05	-0.57	5.4403
3891	1707	-0.87	10.56	-0.62	11.14	-1.02	0.54	-0.34	-1.95	-1.28	-2.34	1.51	-2.49	-3.72	-3.73	-2.14	2.71	-7.48	7.03	5.5145
3892	6034	-0.99	15.82	-2.72	5.58	0.36	-2.11	-0.94	5.36	-2.46	-0.89	-2.37	2.65	-5.04	1.1					

3895	735	-1.19	-0.09	0.84	5.58	-1.72	2.66	-0.80	-5.84	1.37	-1.62	-1.82	0.10	-0.75	-2.91	-2.14	6.87	7.55	0.57	5.5338	
3896	5242	0.92	9.38	-3.06	0.01	0.36	-3.70	-0.94	10.43	-4.81	3.11	0.98	2.09	-7.70	2.16	-1.58	-4.39	-7.48	9.75	5.5377	
3897	3757	1.56	-7.83	1.73	11.14	0.36	3.19	-0.80	-0.90	2.42	2.02	-2.18	0.10	0.41	0.67	-0.47	2.22	2.54	-10.64	5.5406	
3898	3377	0.56	-4.75	1.52	-5.55	1.75	-1.05	-0.34	10.44	1.93	0.20	2.38	-2.49	-0.11	2.02	-0.47	1.16	0.03	-1.68	5.5494	
3899	3837	0.09	3.97	0.29	11.14	-0.33	-0.52	1.56	-0.90	0.23	-1.98	0.76	-2.49	-2.02	-0.84	3.41	-1.88	-7.48	2.54	5.5679	
3900	5832	0.27	10.56	-3.06	0.01	0.02	-2.11	-0.94	8.73	-6.09	3.11	1.98	-1.14	-9.14	4.29	-2.14	-2.47	-9.99	13.69	5.5833	
3901	2426	-1.06	13.10	-1.54	11.14	-1.02	-0.52	1.56	-2.82	-2.05	-3.80	-0.11	-2.49	-4.59	-4.00	2.86	-3.24	-4.98	9.14	5.5948	
3902	230	-1.44	6.00	0.28	11.14	-0.68	-1.58	-0.34	-0.06	0.17	-2.71	0.45	-2.49	-2.08	-3.67	-1.03	-1.46	2.54	2.54	5.6046	
3903	5310	-0.98	25.17	-5.32	-11.11	0.02	-5.29	-0.94	14.55	-6.62	0.20	1.43	2.09	-9.74	0.89	-1.58	-2.62	-17.50	22.96	5.6256	
3904	2620	0.19	-1.07	-0.98	5.58	0.71	1.07	1.56	2.36	-1.20	0.93	2.43	-2.49	-3.67	-1.20	3.41	-0.04	-2.47	0.55	5.6684	
3905	1787	-0.87	11.55	-1.20	11.14	-1.02	1.60	-0.34	-1.95	-1.97	-2.71	0.70	-2.49	-4.51	-3.88	-2.14	2.11	-7.48	9.14	5.6883	
3906	2072	0.33	-11.14	0.93	-5.55	0.02	-0.52	-0.34	-5.75	1.51	0.93	1.18	1.30	25.70	-1.43	-0.47	-2.27	10.05	-8.75	5.7037	
3907	6119	1.77	-6.30	0.70	0.01	2.10	3.72	-0.94	6.17	3.85	2.38	-2.54	2.65	2.02	2.26	-1.58	0.51	-4.98	-6.09	5.7139	
3908	5249	0.87	1.23	-1.81	0.01	0.71	-1.58	-0.94	11.29	-3.23	4.93	1.04	2.09	-5.92	3.74	-1.03	-3.45	-7.48	5.26	5.7395	
3909	3917	0.09	4.96	-0.28	11.14	-0.33	0.54	1.56	-0.90	-0.46	-2.34	-0.05	-2.49	-2.80	-0.99	3.41	-2.49	-7.48	4.66	5.7417	
3910	876	-1.01	-3.05	-0.16	11.14	-0.33	-0.52	1.56	-3.44	-0.83	-0.53	1.70	-2.49	-3.21	-1.64	3.41	-0.52	7.55	-1.88	5.7665	
3911	310	-1.44	6.99	-0.30	11.14	-0.68	-0.52	-0.34	-0.06	-0.52	-3.07	-0.36	-2.49	-2.86	-3.82	-1.03	-2.07	2.54	4.66	5.7784	
3912	4946	-0.48	-0.17	1.47	5.58	-0.68	0.01	-0.80	-0.40	2.47	-0.16	-2.14	4.80	0.51	3.99	-1.03	4.38	-7.48	-4.09	5.7802	
3913	4723	-0.88	13.68	-2.44	0.01	-0.33	-1.05	-0.34	5.11	-3.44	-1.98	1.92	2.21	-6.16	2.27	-2.14	3.15	-17.50	13.69	5.8089	
3914	5538	0.91	9.26	-3.06	0.01	0.36	-2.64	-0.94	10.80	-4.81	3.11	0.98	-1.14	-7.70	4.68	-1.58	-4.71	-7.48	9.75	5.8145	
3915	109	-0.99	-1.99	1.52	0.01	0.02	1.60	-0.94	-6.57	2.97	0.93	-1.98	-2.81	1.06	-0.06	-1.03	4.07	15.06	-5.04	5.8337	
3916	95	-1.38	-0.09	0.87	5.58	-0.33	2.66	-0.94	-8.40	1.46	-0.89	-1.82	-2.81	-0.64	-1.56	-2.69	7.34	10.05	-0.57	5.8347	
3917	3244	1.04	-6.81	1.50	5.58	1.40	0.01	-0.34	3.45	-0.37	0.20	1.49	-2.49	-2.70	1.87	-1.58	1.24	5.04	-2.71	5.8384	
3918	5811	0.65	6.48	-1.16	0.01	0.36	1.07	-0.94	10.02	-1.77	0.57	-0.40	10.02	-1.14	-4.28	1.79	-2.69	-1.91	-9.99	9.21	5.8748
3919	3865	-0.15	11.71	-1.92	11.14	-1.02	-1.05	1.56	-2.99	-2.53	-3.07	0.53	-2.49	-5.13	-1.31	3.41	-3.87	-7.48	10.54	5.8861	
3920	2959	1.27	-18.79	4.31	-11.11	0.36	4.25	1.09	-3.03	5.86	1.66	-0.78	0.10	4.30	1.14	1.75	8.83	17.57	-12.87	5.9016	
3921	5606	-0.99	25.06	-5.32	-11.11	0.02	-4.23	-0.94	14.92	-6.62	0.20	1.43	-1.14	-9.74	3.42	-1.58	-2.93	-17.50	22.97	5.9024	
3922	1088	-1.07	-4.67	0.26	-5.55	1.06	-2.64	1.56	4.16	-1.85	-0.89	2.70	-2.49	-4.36	-0.34	2.30	0.83	15.06	1.84	5.9219	
3923	258	-1.68	13.75	-1.94	11.14	-1.37	-2.11	-0.34	-2.15	-2.59	-3.80	0.22	-2.49	-5.19	-4.14	-1.03	-3.45	2.54	10.54	5.9227	
3924	956	-1.01	-2.06	-0.74	11.14	-0.33	0.54	1.56	-3.44	-1.52	-0.89	0.89	-2.49	-3.99	-1.78	3.41	-1.13	7.55	0.24	5.9403	
3925	5026	-0.48	0.82	0.90	5.58	-0.68	1.07	-0.80	-0.40	1.78	-0.53	-2.95	4.80	-0.28	3.84	-1.03	3.77	-7.48	-1.98	5.9541	
3926	6005	-1.05	6.04	-0.50	5.58	1.06	-1.58	-0.94	7.23	0.31	1.29	-1.82	2.65	-1.93	2.80	-1.03	0.28	-15.00	2.57	5.9664	
3927	2323	1.92	-14.55	2.66	0.01	-0.33	6.37	-0.80	-4.15	5.96	3.48	-0.73	0.10	4.39	0.14	-1.03	7.74	7.55	-12.75	5.9761	
3928	2868	-0.10	-12.98	2.69	0.01	0.36	1.60	1.09	-3.25	1.92	0.93	-1.10	0.10	-0.12	1.16	2.30	5.63	15.06	-9.35	5.9770	
3929	452	-0.43	-0.42	-1.39	5.58	0.36	-0.52	-0.34	3.04	-1.74	0.93	2.75	-2.49	-4.27	-1.34	-0.47	-0.26	5.04	1.95	5.9963	
3930	5545	0.85	1.12	-1.81	0.01	0.71	-0.52	-0.94	11.65	-3.23	4.93	1.04	-1.14	-5.92	6.26	-1.03	-3.77	-7.48	5.27	6.0162	
3931	855	-1.49	10.89	-0.81	0.01	-1.02	-1.05	1.56	-4.76	-1.49	-3.43	1.51	-2.49	-3.96	-4.25	1.75	2.26	5.04	7.75	6.0222	
3932	4321	1.03	-3.62	2.47	0.01	-0.68	2.13	1.09	-3.62	4.11	0.20	-1.50	0.10	2.34	0.32	3.41	4.23	2.54	-8.56	6.0248	
3933	4307	0.63	-1.72	1.82	5.58	-1.02	3.19	1.09	-5.44	2.61	-1.62	-1.33	0.10	0.64	-1.18	1.75	7.49	-2.47	-4.09	6.0259	
3934	1057	-1.15	4.68	0.04	-5.55	-0.33	-1.05	1.56	2.72	0.34	-1.25	2.31	-2.49	-1.90	-2.62	3.41	-0.37	5.04	2.63	6.0335	
3935	1043	-1.54	6.58	-0.61	0.01	-0.68	0.01	1.56	0.89	-1.17	-3.07	2.47	-2.49	-3.60	-4.12	1.75	2.90	0.03	7.10	6.0346	
3936	2232	0.55	-8.73	1.05	11.14	-0.33	3.72	-0.80	-4.37	2.03	2.75	-1.05	0.10	-0.03	0.16	-0.47	4.54	5.04	-9.24	6.0514	
3937	714	-0.50	-1.59	2.46	0.01	-1.02	1.07	-0.80	-2.77	4.05	-0.53	-1.81	0.10	2.28	-2.51	-1.03	4.64	12.56	-8.56	6.0614	
3938	6142	1.08	-9.00	1.98	-11.11	2.79	-0.52	-0.94	10.93	3.56	3.11	-1.59	2.65	1.73	5.37	-1.58	1.27	2.54	-6.20	6.0681	
3939	904	-1.25	4.70	-2.38	11.14	-1.02	-1.05	1.56	-5.53	-3.59	-1.62	1.47	-2.49	-6.32	-2.11	3.41	-2.51	7.55	6.12	6.0846	
3940	3239	1.11	0.62	-0.50	11.14	-0.33	3.19	-0.34	-0.37	0.68	-0.89	0.90	-2.49	-1.52	-0.75	-1.03	2.49	-7.48	1.64	6.0910	
3941	4974	-0.72	7.58	-0.74	5.58	-1.37	-0.52	-0.80	-2.49	-0.29	-1.25	-2.37	4.80	-2.61	3.52	-1.03	2.39	-7.48	3.91	6.0984	
3942	6085	-1.05	7.03	-1.08	5.58	1.06	-0.52	-0.94	7.23	-0.38	0.93	-2.64	2.65	-2.71	2.65	-1.03	-0.33	-15.00	4.68	6.1403	
3943	1724	-0.16	-8.44	2.47	5.58	1.40	-0.52	-0.34	3.40	0.81	0.93	1.97	-2.49	-1.37	0.52	-1.58	2.64	7.55	-6.23	6.1412	
3944	5826	1.34	6.61	-0.51	-5.55	0.71	1.07	-0.94	12.07	-0.27	1.29	-0.88	-1.14	-2.59	2.10	-1.58	-5.34	-4.98	4.74	6.1517	
3945	895	-0.95	7.06	-1.94	0.01	-1.02	-0.52	1.56	-5.32	-1.12	-2.34	1.15	-2.49	-3.54	-3.09	2.86	1.44	7.55	6.85	6.1607	
3946	1083	-1.01	2.75	-1.73	0.01	-0.68	0.54	1.56	0.34	-0.79	-1.98	2.11	-2.49	-3.18	-2.96	2.86	2.08	2.54	6.19	6.1744	
3947	2345	-1.35	10.08	-0.96	11.14	-1.02	-1.58	1.56	-3.04	-1.35	-2.34	1.02	-2.49	-3.80	-2.67	3.41	-2.48	-4.98	7.03	6.1889	
3948	365	0.10	-13.10	2.77	-5.55	1.06	-1.58	-0.34	3.21	3.44	1.29	1.31	-2.49	1.60	1.27	-0.47	-0.17	20.07	-6.23	6.1919	
3949	935	-1.49	11.88	-1.39	0.01	-1.02	0.01	1.56	-4.76	-2.19	-3.80	0.70	-2.49	-4.75	-4.40	1.75	1.65	5.04	9.87	6.1961	
3950	1762	0.59	1.02	0.15	16.71	0.36	1.07	-0.34	0.61	-0.35	0.20	0.42	-2.49	-2.70	-2.85	-1.03	-2.61	0.03	-2.60	6.1983	
3951	4401	1.03	-2.64	1.90	0.01	-0.68	3.19	1.09	-3.62	3.42	-0.16	-2.31	0.10	1.56	0.17	3.41	3.62	2.54	-6.45	6.1986	
3952	4387	0.63	-0.74	1.25	5.58	-1.02	4.25	1.09	-5.44	1.91	-1.98	-2.14	0.10	-0.14	-1.33	1.75	6.88	-2.47	-1.98	6.1997	
3953	1373	-1.68	-0.57	0.51	5.58	-1.72	0.54	1.09	-6.92	1.29	-1.62	-2.31	0.10	-0.83	-1.84	3.41	1.68	10.05	-0.57	6.2082	
3954	3167	2.93	-14.55	2.68	0.01	1.40	5.31	-0.94	-5.65	6.06	3.84	-0.73	-2.81	4.51	2.91	-1.58	8.01	7.55	-12.75	6.2155	
3955	5248	0.53	5.15	-1.94	0.01	0.36	-1.58	-0.94	9.43	-4.68	3.84	1.72	2.09	-7.56	3.36	-2.14	-1.13	-9.99	9.68	6.2205	
3956	2863	-0.04	-5.55	0.70	5.58	-1.37	4.78	1.09	-7.07	2.98	-0.16	-1.69	0.10	1.06	-1.45	2.86	6.88	2.54	-4.99	6.2295	
3957	794	-0.50	-0.60	1.88	0.01	-1.02	2.13	-0.80	-2.77	3.36	-0.89	-2.62	0.10	1.							

3960	3076	1.56	-8.73	1.07	11.14	1.40	2.66	-0.94	-0.94	-5.87	2.13	3.11	-1.05	-2.81	0.09	2.94	-1.03	4.80	5.04	9.24	6.2908
3961	5059	2.04	-14.55	2.67	0.01	0.36	5.31	-0.80	-0.80	-1.68	6.02	2.02	-2.54	4.80	4.46	4.64	-1.03	4.76	2.54	-12.75	6.2956
3962	5241	0.63	7.34	-3.06	0.01	0.36	-3.70	-0.94	10.22	-4.80	4.20		1.29	2.09	-7.69	3.34	-1.03	-4.24	-7.48	9.75	6.3056
3963	1804	-0.16	-7.45	1.89	5.58	1.40	0.54	-0.34	3.40	0.12	0.57		1.16	-2.49	-2.15	0.37	-1.58	2.03	7.55	-4.12	6.3151
3964	4698	0.58	3.16	-1.09	5.58	1.06	-1.58	-0.34	7.67	-1.82	0.93		1.63	2.21	-4.35	3.31	-1.03	-1.56	-9.99	1.95	6.3189
3965	924	-0.66	2.63	0.02	5.58	-0.68	0.01	1.56	-4.27	-1.96	-1.25		1.42	-2.49	-4.49	-2.77	2.30	-0.28	10.05	1.59	6.3226
3966	4335	0.39	6.02	-0.39	5.58	-1.72	2.66	1.09	-7.54	-0.16	-2.71		-1.56	0.10	-2.47	-1.66	1.75	5.50	-2.47	3.91	6.3440
3967	1592	0.36	-8.73	1.07	11.14	1.06	3.72	-0.94	-6.94	2.12	3.48		-1.05	-2.81	0.07	1.51	-1.03	5.00	7.55	-9.24	6.3524
3968	74	-0.69	-1.59	2.48	0.01	0.36	1.07	-0.94	-5.33	4.15	0.20		-1.81	-2.81	2.39	-1.17	-1.58	5.11	15.06	-8.56	6.3624
3969	2425	-1.35	11.07	-1.53	11.14	-1.02	-0.52	1.56	-3.04	-2.04	-2.71		0.21	-2.49	-4.58	-2.82	3.41	-3.09	-4.98	9.14	6.3627
3970	229	-1.74	3.97	0.28	11.14	-0.68	-1.58	-0.34	-0.27	0.18	-1.62		0.76	-2.49	-2.07	-2.48	-0.47	-1.31	2.54	2.54	6.3725
3971	5309	-1.27	23.14	-5.32	-11.11	0.02	-5.29	-0.94	14.34	-6.61	1.29		1.75	2.09	-9.73	2.08	-1.03	-2.46	-17.50	22.96	6.3935
3972	1719	-0.10	-1.02	0.47	11.14	-0.33	2.66	-0.34	-0.42	1.86	-0.16		1.38	-2.49	-0.19	-2.10	-1.03	3.89	-4.98	-1.88	6.3938
3973	3830	0.15	12.11	-0.96	11.14	-0.68	-1.58	1.56	-1.75	-1.35	-3.80		0.70	-2.49	-3.80	-2.42	2.86	-2.83	-7.48	7.03	6.4148
3974	2699	0.49	-6.70	1.53	11.14	0.71	3.72	1.56	-8.00	4.77	-0.89		-1.36	1.30	3.06	-3.19	2.86	4.63	0.03	-9.24	6.4222
3975	4476	-0.35	3.06	-1.41	11.14	0.02	-1.58	-0.34	0.77	-2.40	0.93		1.95	2.21	-4.98	4.91	-0.47	0.35	-9.99	2.61	6.4246
3976	4740	-0.17	-5.32	0.65	-5.55	2.10	-2.11	-0.34	10.46	-1.35	1.29		2.38	2.21	-3.80	6.53	-1.58	3.08	-2.47	0.44	6.4356
3977	2570	-0.35	-1.08	0.56	-5.55	1.06	-1.58	1.56	6.31	0.76	-1.62		1.58	-2.49	-1.42	-0.92	2.86	-0.10	5.04	1.84	6.4556
3978	5544	0.51	5.04	-1.94	0.01	0.36	-0.52	-0.94	9.80	-4.69	3.84		1.72	-1.14	-7.56	5.88	-2.14	-1.45	-9.99	9.69	6.4973
3979	3191	0.34	10.56	-0.62	11.14	-0.68	0.54	-0.34	-0.89	-1.27	-2.71		1.51	-2.49	-3.72	-2.30	-2.14	2.51	-9.99	7.03	6.5083
3980	154	-0.69	-0.60	1.91	0.01	0.36	2.13	-0.94	-5.33	3.45	-0.16		-2.62	-2.81	1.60	-1.32	-1.58	4.50	15.06	-6.45	6.5362
3981	309	-1.74	4.96	-0.30	11.14	-0.68	-0.52	-0.34	-0.27	-0.51	-1.98		-0.05	-2.49	-2.85	-2.63	-0.47	-1.92	2.54	4.66	6.5463
3982	4945	-0.78	-2.20	1.48	5.58	-0.68	0.01	-0.80	-0.62	2.48	0.93		-1.82	4.80	0.51	5.18	-0.47	4.53	-7.48	-4.09	6.5481
3983	1931	-0.16	-2.64	0.89	-5.55	1.06	0.54	-0.34	7.18	0.84	-0.53		2.39	-2.49	-1.33	-0.80	-2.14	5.24	2.54	1.84	6.5491
3984	2540	0.19	-2.06	-0.41	5.58	0.71	1.07	1.56	2.36	-0.51	1.29		3.24	-2.49	-2.88	-1.05	3.41	0.57	-2.47	-1.57	6.5522
3985	1799	-0.10	-0.03	-0.11	11.14	-0.33	3.72	-0.34	-0.42	1.17	-0.53		0.57	-2.49	-0.97	-2.25	-1.03	3.28	-4.98	0.24	6.5676
3986	1992	0.33	-12.13	1.50	-5.55	0.02	-0.52	-0.34	-5.75	2.20	1.29		1.99	1.30	26.47	-1.28	-0.47	-1.67	10.05	-10.86	6.5785
3987	5537	0.61	7.23	-3.06	0.01	0.36	-2.64	-0.94	10.59	-4.81	4.20		1.29	-1.14	-7.69	5.86	-1.03	-4.56	-7.48	9.75	6.5824
3988	5734	-0.17	16.86	-4.10	0.01	0.36	-2.11	-0.94	10.80	-6.11	1.66		0.34	-1.14	-9.16	2.53	-1.58	-4.21	-9.99	13.51	6.5846
3989	3910	0.15	13.10	-1.53	11.14	-0.68	-0.52	1.56	-1.75	-2.04	-4.16		-0.11	-2.49	-4.58	-2.57	2.86	-3.44	-7.48	9.14	6.5886
3990	5922	-0.23	12.55	-3.89	0.01	0.71	-1.05	-0.94	16.46	-5.78	2.02		1.30	-1.14	-8.80	2.66	-1.58	-3.57	-15.00	12.86	6.5982
3991	4556	-0.35	4.05	-1.99	11.14	0.02	-0.52	-0.34	0.77	-3.09	0.57		1.14	2.21	-5.77	4.76	-0.47	-0.26	-9.99	4.72	6.5984
3992	2815	-0.81	4.39	0.57	5.58	-1.72	2.13	1.09	-7.58	1.02	-1.98		-1.08	0.10	-1.14	-3.01	1.75	6.90	0.03	0.39	6.6468
3993	5082	1.36	-17.24	3.96	-11.11	1.06	1.07	-0.80	3.08	5.73	2.75		-1.59	4.80	4.17	7.75	-1.03	5.52	10.05	-12.87	6.6498
3994	4104	1.40	-1.07	-0.98	5.58	1.06	1.07	1.56	3.43	-1.20	0.57		2.43	-2.49	-3.66	0.23	3.41	-0.24	-4.98	0.55	6.6622
3995	4496	0.24	0.99	0.99	5.58	0.36	0.99	-0.34	2.04	-0.77	1.29		1.90	2.21	-3.15	4.25	-1.58	2.57	-7.48	-1.92	6.6625
3996	5605	-1.29	23.02	-5.32	-11.11	0.02	-4.23	-0.94	14.71	-6.62	1.29		1.75	-1.14	-9.73	4.60	-1.03	-2.78	-17.50	22.97	6.6703
3997	3271	0.34	11.55	-1.20	11.14	-0.68	1.60	-0.34	-0.89	-1.96	-3.07		0.70	-2.49	-4.50	-2.45	-2.14	1.90	-9.99	9.14	6.6822
3998	4735	-0.11	2.10	-1.34	0.01	0.36	1.07	-0.34	6.65	-0.30	0.20		1.79	2.21	-2.62	3.91	-1.03	4.33	-15.00	4.79	6.6882
3999	257	-1.97	11.71	-1.94	11.14	-1.37	-2.11	-0.34	-2.37	-2.58	-2.71		0.53	-2.49	-5.18	-2.96	-0.47	-3.30	2.54	10.54	6.6906
4000	4643	-0.88	12.69	-1.86	0.01	-0.33	-1.05	-0.34	5.11	-2.74	-1.62		2.73	2.21	-5.37	2.42	-2.14	3.76	-17.50	11.58	6.6927
4001	3556	1.53	-11.14	0.93	-5.55	0.36	-0.52	-0.34	-4.68	1.51	0.57		1.18	1.30	25.70	0.00	-0.47	-2.47	7.55	-8.75	6.6975
4002	1747	-0.34	6.73	-1.75	11.14	-1.02	2.13	-0.34	-2.51	-0.90	-1.25		1.15	-2.49	-3.30	-2.57	-1.03	1.90	-4.98	6.12	6.7119
4003	5025	-0.78	-1.21	0.90	5.58	-0.68	1.07	-0.80	-0.62	1.79	0.57		-2.64	4.80	-0.27	5.03	-0.47	3.92	-7.48	-1.98	6.7220
4004	1338	-1.38	-0.17	1.47	5.58	-1.37	0.01	1.09	-5.69	2.47	-2.34		-2.14	0.10	0.50	-2.95	2.86	2.72	10.05	-4.09	6.7369
4005	1115	-1.78	13.68	-2.44	0.01	-1.02	-1.05	1.56	-0.18	-3.44	-4.16		1.92	-2.49	-6.16	-4.66	1.75	1.49	0.03	13.69	6.7656
4006	5240	0.29	11.26	-3.19	0.01	0.02	-3.70	-0.94	8.36	-6.26	3.11		1.98	2.09	-9.33	2.96	-2.14	-1.92	-9.99	14.17	6.7867
4007	5998	-0.99	14.18	-1.75	5.58	0.71	-2.64	-0.94	6.38	-1.27	-0.53		-1.89	2.65	-3.71	1.22	-1.58	-0.67	-15.00	7.05	6.8133
4008	2895	-0.81	5.38	0.00	5.58	-1.72	3.19	1.09	-7.58	0.33	-2.34		-1.89	0.10	-1.92	-3.16	1.75	6.29	0.03	2.50	6.8207
4009	713	-0.80	-3.62	2.46	0.01	-1.02	1.07	-0.80	-2.99	4.06	0.57		-1.50	0.10	2.29	-1.33	-0.47	4.80	12.56	-8.56	6.8293
4010	699	-1.19	-1.72	1.81	5.58	-1.37	2.13	-0.80	-4.82	2.55	-1.25		-1.33	0.10	0.59	-2.83	-2.14	8.06	7.55	-4.09	6.8304
4011	4683	-0.35	8.86	-2.98	0.01	-0.33	-0.52	-0.34	4.56	-2.37	-0.53		2.37	2.21	-4.95	3.58	-1.03	2.95	-15.00	10.68	6.8325
4012	6141	0.79	-11.03	1.98	-11.11	2.79	-0.52	-0.94	10.71	3.57	4.20		-1.28	2.65	1.74	6.55	-1.03	1.42	2.54	-6.20	6.8360
4013	4576	0.24	1.98	0.41	5.58	0.36	0.54	-0.34	2.04	-1.47	0.93		1.09	2.21	-3.93	4.10	-1.58	1.96	-7.48	0.19	6.8363
4014	2406	0.06	6.22	0.32	5.58	-0.68	1.07	1.56	-2.11	0.65	-1.98		0.29	-2.49	-1.55	-3.35	2.86	-1.22	0.03	1.59	6.8563
4015	4973	-1.01	5.54	-0.74	5.58	-1.37	-0.52	-0.80	-2.71	-0.28	-0.16		-2.06	4.80	-2.60	4.70	-0.47	2.54	-7.48	3.91	6.8663
4016	4443	2.47	-18.79	4.31	-11.11	0.71	4.25	1.09	-1.97	5.86	1.29		-0.78	0.10	4.31	2.57	1.75	8.63	15.06	-12.87	6.8955
4017	1418	-1.38	0.82	0.90	5.58	-1.37	1.07	1.09	-5.69	1.78	-2.71		-2.95	0.10	-0.28	-3.09	2.86	2.11	10.05	-1.98	6.9108
4018	5825	1.04	4.58	-0.51	-5.55	0.71	1.07	-0.94	11.85	-0.26	2.38		-0.57	-1.14	-2.58	3.29	-1.03	-5.19	-4.98	4.74	6.9196
4019	1767	0.25	4.66	0.66	5.58	-0.68	3.19	-0.34	-1.24	0.73	-0.89		1.10	-2.49	-1.47	-3.23	-2.14	4.12	-2.47	1.59	6.9499
4020	5946	-0.99	23.81	-4.80	-11.11	0.36	-2.11	-0.94	15.94	-5.96	0.20		1.11	-1.14	-9.00	2.15	-1.58	-2.58	-17.50	21.08	6.9517
4021	1761	0.30	-1.01	0.15	16.71	0.3															

4025	6078	-0.99	15.17	-2.33	5.58	0.71	-1.58	-0.94	6.38	1.97	-0.89	-2.70	2.65	-4.49	1.07	-1.58	-1.28	-15.00	9.17	6.9872
4026	793	-0.80	-2.64	1.89	0.01	-1.02	2.13	-0.80	-2.99	3.37	0.20	-2.31	0.10	1.51	-1.48	-0.47	4.19	12.56	-6.45	7.0032
4027	779	-1.19	-0.74	1.24	5.58	-1.37	3.19	-0.80	-4.82	1.86	-1.62	-2.14	0.10	-0.19	-2.98	-2.14	7.45	7.55	-1.98	7.0043
4028	3716	1.75	-8.73	1.05	11.14	0.02	3.72	-0.80	-3.30	2.03	2.38	-1.05	0.10	-0.02	1.59	-0.47	4.33	2.54	-9.24	7.0453
4029	1366	-1.62	7.58	-0.74	5.58	-2.06	-0.52	1.09	-7.78	-0.29	-3.43	-2.37	0.10	-2.61	-3.42	2.86	0.73	10.05	3.91	7.0551
4030	5536	0.27	11.15	-3.19	0.01	0.02	-2.64	-0.94	8.73	-6.26	3.11	1.98	-1.14	-9.33	5.48	-2.14	-2.24	-9.99	14.17	7.0634
4031	4703	0.24	6.80	-0.58	-5.55	0.02	0.54	-0.34	5.82	-0.74	-0.16	2.32	2.21	-3.12	2.92	-2.14	5.17	-12.49	6.15	7.0704
4032	5219	0.67	7.18	-1.30	0.01	0.36	-0.52	-0.94	9.65	-1.94	0.57	-0.40	2.09	-4.47	0.46	-2.69	-1.36	-9.99	9.68	7.0781
4033	4697	0.28	1.13	-1.08	5.58	1.06	-1.58	-0.34	7.46	-1.81	2.02	1.94	2.21	-4.34	4.49	-0.47	-1.41	-9.99	1.95	7.0868
4034	73	-0.99	-3.62	2.48	0.01	0.36	1.07	-0.94	-5.55	4.15	1.29	-1.50	-2.81	2.40	0.02	-1.03	5.26	15.06	-8.56	7.1303
4035	59	-1.38	-1.72	1.83	5.58	0.02	2.13	-0.94	-7.38	2.65	-0.53	-1.33	-2.81	0.69	-1.48	-2.69	8.53	10.05	-4.09	7.1314
4036	3208	1.04	-8.44	2.47	5.58	1.75	-0.52	-0.34	4.47	0.82	0.57	1.97	-2.49	-1.36	1.95	-1.58	2.44	5.04	-6.23	7.1351
4037	727	-1.43	6.02	-0.41	5.58	-2.06	1.60	-0.80	-6.91	-0.21	-2.34	-1.56	0.10	-2.52	-3.30	-2.14	6.07	7.55	3.91	7.1486
4038	3829	-0.15	10.08	-0.96	11.14	-0.68	-1.58	1.56	-1.97	-1.34	-2.71	1.02	-2.49	-3.79	-1.24	3.41	-2.68	-7.48	7.03	7.1827
4039	4819	0.12	-10.94	3.17	0.01	2.10	0.54	-0.34	0.10	4.62	-0.53	-1.42	6.00	2.93	4.54	-2.14	7.75	0.03	-9.35	7.1894
4040	3246	1.80	1.02	0.15	16.71	0.71	1.07	-0.34	1.68	-0.34	-0.16	0.42	-2.49	-2.69	-1.42	-1.03	-2.82	-2.47	-2.60	7.1921
4041	222	-1.68	12.11	-0.97	11.14	-1.02	-2.64	-0.34	-1.13	-1.40	-3.43	0.70	-2.49	-3.85	-4.07	-1.03	-2.26	2.54	7.03	7.2194
4042	4347	1.16	-5.55	0.70	5.58	-1.02	4.78	1.09	-6.00	2.98	-0.53	-1.69	0.10	1.06	-0.02	2.86	6.68	0.03	-4.99	7.2233
4043	2569	-0.65	-3.12	0.56	-5.55	1.06	-1.58	1.56	6.10	0.77	-0.53	1.89	-2.49	-1.41	0.26	3.41	0.05	5.04	1.84	7.2235
4044	4620	1.85	-10.41	0.84	5.58	1.06	0.54	-0.34	1.48	1.01	4.20	2.18	2.21	-1.17	6.56	-0.47	0.70	-2.47	-6.12	7.2319
4045	1451	1.14	-14.55	2.67	0.01	-0.33	5.31	1.09	-6.96	6.02	-0.16	-2.54	0.10	4.46	-2.30	2.86	3.10	20.07	-12.75	7.2523
4046	2832	-0.10	-14.61	3.66	0.01	0.71	1.07	1.09	-2.23	3.11	1.29	-0.62	0.10	1.22	1.24	2.30	6.82	15.06	-12.87	7.2736
4047	1090	-0.32	3.16	-1.09	5.58	0.36	-1.58	1.56	2.39	-1.82	-1.25	1.63	-2.49	-4.35	-3.63	2.86	-3.23	7.55	1.95	7.2756
4048	153	-0.99	-2.64	1.91	0.01	0.36	2.13	-0.94	-5.55	3.46	0.93	-2.31	-2.81	1.61	-0.13	-1.03	4.66	15.06	-6.45	7.3041
4049	139	-1.38	-0.74	1.26	5.58	0.02	3.19	-0.94	-7.38	1.96	-0.89	-2.14	-2.81	-0.09	-1.63	-2.69	7.92	10.05	-1.98	7.3052
4050	3288	1.04	-7.45	1.89	5.58	1.75	0.54	-0.34	4.47	0.12	0.20	1.16	-2.49	-2.14	1.80	-1.58	1.83	5.04	-4.12	7.3089
4051	4660	-0.17	-6.31	1.23	-5.55	2.10	-2.11	-0.34	10.46	-0.66	1.66	3.19	2.21	-3.02	6.68	-1.58	3.69	-2.47	-1.68	7.3195
4052	2870	0.65	-5.15	1.35	11.14	-0.33	2.66	1.09	-5.02	1.95	0.57	-2.17	0.10	-0.12	-2.13	2.86	1.57	7.55	-9.24	7.3307
4053	2196	0.55	-10.37	2.01	11.14	0.02	3.19	-0.80	-3.35	3.21	3.11	-0.56	0.10	1.31	0.24	-0.47	5.73	5.04	-12.75	7.3481
4054	5733	-0.46	14.82	-4.10	0.01	0.36	-2.11	-0.94	10.59	-6.10	2.75	0.66	-1.14	-9.15	3.72	-1.03	-4.06	-9.99	13.51	7.3525
4055	5515	0.65	7.07	-1.30	0.01	0.36	0.54	-0.94	10.02	-1.94	0.57	-0.40	-1.14	-4.47	2.98	-2.69	-1.68	-9.99	9.69	7.3549
4056	5234	1.36	7.32	-0.65	-5.55	0.71	-0.52	-0.94	11.70	-0.44	1.29	-0.88	2.09	-2.78	0.77	-1.58	-4.79	-4.98	5.22	7.3551
4057	3909	-0.15	11.07	-1.53	11.14	-0.68	-0.52	1.56	-1.97	-2.04	-3.07	0.21	-2.49	-4.58	-1.38	3.41	-3.29	-7.48	9.14	7.3565
4058	5921	-0.52	10.51	-3.89	0.01	0.71	-1.05	-0.94	16.24	-5.77	3.11	1.62	-1.14	-8.79	3.85	-1.03	-3.42	-15.00	12.86	7.3661
4059	868	-1.25	3.06	-1.41	11.14	-0.68	-1.58	1.56	-4.51	-2.40	-1.25	1.95	-2.49	-4.98	-2.03	3.41	-1.31	7.55	2.61	7.3813
4060	3203	1.11	-1.02	0.47	11.14	0.02	2.66	-0.34	0.65	1.87	-0.53	1.38	-2.49	-0.18	-0.67	-1.03	3.69	-7.48	-1.88	7.3876
4061	1132	-1.07	-5.32	0.65	-5.55	1.40	-2.11	1.56	5.18	-1.35	-0.89	2.38	-2.49	-3.80	-0.41	2.30	1.42	15.06	0.44	7.3923
4062	302	-1.68	13.10	-1.55	11.14	-1.02	-1.58	-0.34	-1.13	-2.10	-3.80	-0.11	-2.49	-4.64	-4.21	-1.03	-2.87	2.54	9.14	7.3932
4063	4938	-0.72	5.94	0.22	5.58	-1.02	-1.05	-0.80	-1.47	0.90	-0.89	-1.89	4.80	-1.27	3.60	-1.03	3.58	-7.48	0.39	7.3950
4064	4183	1.69	-6.70	1.53	11.14	1.06	3.72	1.56	-6.94	4.77	-1.25	-1.36	1.30	3.07	-1.76	2.86	4.43	-2.47	-9.24	7.4160
4065	5081	1.07	-19.27	3.96	-11.11	1.06	1.07	-0.80	2.86	5.74	3.84	-1.28	4.80	4.18	8.93	-0.47	5.67	10.05	-12.87	7.4177
4066	2912	-0.10	-13.62	3.09	0.01	0.71	2.13	1.09	-2.23	2.42	0.93	-1.43	0.10	0.43	1.09	2.30	6.21	15.06	-10.75	7.4474
4067	4054	0.85	-1.08	0.56	-5.55	1.40	-1.58	1.56	7.38	0.77	-1.98	1.58	-2.49	-1.41	0.51	2.86	-0.30	2.54	1.84	7.4495
4068	87	-1.62	6.02	-0.38	5.58	-0.68	1.60	-0.94	-9.47	-0.11	-1.62	-1.56	-2.81	-2.42	-1.96	-2.69	6.54	10.05	3.91	7.4496
4069	496	-0.43	-1.07	-0.99	5.58	0.71	0.01	-0.34	4.06	-1.25	0.93	2.43	-2.49	-3.71	-1.42	-0.47	0.33	5.04	0.55	7.4668
4070	1726	0.59	-0.62	1.12	16.71	0.71	0.54	-0.34	1.63	0.84	0.57	0.90	-2.49	-1.36	-2.77	-1.03	-1.42	0.03	-6.12	7.4949
4071	1337	-1.68	-2.20	1.48	5.58	-1.37	0.01	1.09	-5.90	2.48	-1.25	-1.82	0.10	0.51	-1.76	3.41	2.87	10.05	-4.09	7.5048
4072	5844	1.04	-1.02	-1.97	0.01	0.71	1.07	-0.94	10.27	-2.95	5.29	1.85	-1.14	-5.61	5.92	-1.03	-1.30	-7.48	4.79	7.5113
4073	2276	0.55	-9.38	1.44	11.14	0.02	4.25	-0.80	-3.35	2.52	2.75	-1.37	0.10	0.52	0.09	-0.47	5.12	5.04	-10.64	7.5219
4074	2827	-0.04	-7.19	1.67	5.58	-1.02	4.25	1.09	-6.05	4.16	0.20	-1.21	0.10	2.40	-1.38	2.86	8.07	2.54	-8.51	7.5261
4075	3415	1.04	-2.64	0.90	-5.55	1.40	0.54	-0.34	8.25	0.85	-0.89	2.39	-2.49	-1.33	0.63	-2.14	5.04	0.03	1.84	7.5430
4076	4024	1.40	-2.06	-0.41	5.58	1.06	1.07	1.56	3.43	-0.50	0.93	3.24	-2.49	-2.88	0.38	3.41	0.36	-4.98	-1.57	7.5460
4077	948	-1.25	4.05	-1.99	11.14	-0.68	-0.52	1.56	-4.51	-3.09	-1.62	1.14	-2.49	-5.77	-2.18	3.41	-1.92	7.55	4.72	7.5551
4078	4467	-0.05	5.43	-0.97	0.01	0.02	0.01	-0.34	0.99	0.07	0.20	1.64	2.21	-2.20	3.93	-1.03	4.30	-9.99	3.33	7.5596
4079	3283	1.11	-0.03	-0.10	11.14	0.02	3.72	-0.34	0.65	1.18	-0.89	0.57	-2.49	-0.97	-0.82	-1.03	3.08	-7.48	0.24	7.5614
4080	5018	-0.72	6.93	-0.35	5.58	-1.02	0.01	-0.80	-1.47	0.20	-1.25	-2.70	4.80	-2.05	3.45	-1.03	2.97	-7.48	2.50	7.5689
4081	4655	-0.11	1.11	-0.77	0.01	0.36	1.07	-0.34	6.65	0.40	0.57	2.60	2.21	-1.84	4.06	-1.03	4.94	-15.00	2.68	7.5720
4082	3476	1.53	-12.13	1.50	-5.55	0.36	-0.52	-0.34	-4.68	2.20	0.93	1.99	1.30	26.48	0.15	-0.47	-1.87	7.55	-10.86	7.5724
4083	5997	-1.29	12.15	-1.75	5.58	0.71	-2.64	-0.94	6.16	-1.27	0.57	-1.57	2.65	-3.70	2.40	-1.03	-0.52	-15.00	7.05	7.5812
4084	3040	1.56	-10.37	2.04	11.14	1.75	2.13	-0.94	-4.84	3.31	3.48	-0.56	-2.81	1.42	3.02	-1.03	6.00	5.04	-12.75	7.5875
4085	1474	0.46	-17.24	3.96	-11.11	0.36	1.07	1.09	-2.21	5.73	0.57	-1.59	0.10	4.17	0.81	2.86	3.86	27.58	-12.87	7.6065
4086	888	-0.66	0.99	0.99	5.58	-0.33	-0.52	1.56	-3.25	-0.77	-0.89	1.90	-2.49	-3.15	-2.69	2.30	0.91	10.05	-1.92	7.6192
4087	2405	-0.23	4.18	0.32	5.58	-0.68	1.07	1.56	-2.33	0.65	-0.89	0.61	-2.49	-1.54						

4090	4299	0.39	4.39	0.57	5.58	-1.37	2.13	1.09	-6.51	1.08	-2.34	-1.08	0.10	-1.13	-1.58	1.75	6.70	-2.47	0.39	7.6407	
4091	1127	-1.01	2.10	-1.34	0.01	-0.33	1.07	1.56	1.36	-0.30	-1.98	1.79	-2.49	-2.62	-3.03	2.86	2.67	2.54	4.79	7.6448	
4092	1556	0.36	-10.37	2.04	11.14	1.40	3.19	-0.94	-5.91	3.31	3.84	-0.56	-2.81	1.41	1.59	-1.03	6.20	7.55	-12.75	7.6490	
4093	1035	-1.78	12.69	-1.86	0.01	-1.02	-1.05	1.56	-0.18	-2.74	-3.80	2.73	-2.49	-5.38	-4.52	1.75	2.10	0.03	11.58	7.6494	
4094	1806	0.59	0.37	0.54	16.71	0.71	1.60	-0.34	1.63	0.14	0.20	0.09	-2.49	-2.15	-2.92	-1.03	-2.03	0.03	-4.01	7.6688	
4095	1417	-1.68	-1.21	0.90	5.58	-1.37	1.07	1.09	-5.90	1.79	-1.62	-2.64	0.10	-0.27	-1.91	3.41	2.26	10.05	-1.98	7.6787	
4096	2907	-0.04	-6.20	1.09	5.58	-1.02	5.31	1.09	-6.05	3.47	-0.16	-2.02	0.10	1.61	-1.53	2.86	7.46	2.54	-6.40	7.7000	
4097	835	0.65	-18.79	4.30	-11.11	0.36	3.19	-0.80	-1.34	5.81	1.66	-0.78	0.10	4.26	0.92	-2.14	9.20	25.08	-12.87	7.7000	
4098	3231	0.87	6.73	-1.74	11.14	-0.68	2.13	-0.34	-1.44	-0.89	-1.62	1.15	-2.49	-3.29	-1.14	-1.03	1.70	-7.48	6.12	7.7058	
4099	2663	0.49	-8.33	2.50	11.14	1.06	3.19	1.56	-6.98	5.95	-0.53	-0.88	1.30	4.40	-3.11	2.86	5.82	0.03	-12.75	7.7188	
4100	5945	-1.29	21.78	-4.79	-11.11	0.36	-2.11	-0.94	15.73	-5.95	1.29	1.42	-1.14	-8.99	3.33	-1.03	-2.43	-17.50	21.08	7.7196	
4101	4547	-0.05	6.41	-1.55	0.01	0.02	1.07	-0.34	0.99	-0.62	-0.16	0.83	0.99	-2.21	-2.99	3.78	-1.03	3.69	-9.99	5.45	7.7335
4102	2709	0.13	-9.60	1.23	-5.55	0.02	-1.58	1.56	-6.62	1.43	-0.16	0.37	1.30	25.62	-2.54	3.41	-5.09	12.56	-8.75	7.7508	
4103	6077	-1.29	13.14	-2.33	5.58	0.71	-1.58	-0.94	6.16	-1.96	0.20	-2.38	2.65	-4.48	2.25	-1.03	-1.13	-15.00	9.17	7.7551	
4104	3120	1.56	-9.38	1.46	11.14	1.75	3.19	-0.94	-4.84	2.62	3.11	-1.37	-2.81	0.64	2.87	-1.03	5.39	5.04	-10.64	7.7613	
4105	744	-0.72	-12.98	2.68	0.01	0.36	0.54	-0.80	-1.56	1.88	0.93	-1.10	0.10	-0.17	0.95	-1.58	5.99	22.57	-9.35	7.7754	
4106	5142	-0.15	17.56	-4.23	0.01	0.36	-3.70	-0.94	10.43	-6.27	1.66	0.34	2.09	-9.35	1.21	-1.58	-3.66	-9.99	13.99	7.7880	
4107	1075	-1.25	8.86	-2.98	0.01	-1.02	-0.52	1.56	-0.73	-2.37	-2.71	2.37	-2.49	-4.95	-3.36	2.86	1.29	2.54	10.68	7.7892	
4108	4742	0.58	2.51	-0.69	5.58	1.40	-1.05	-0.34	8.69	-1.33	0.93	1.31	2.21	-3.80	3.23	-1.03	-0.98	-9.99	0.55	7.7894	
4109	968	-0.66	1.98	0.41	5.58	-0.33	0.54	1.56	-3.25	-1.47	-1.25	1.09	-2.49	-3.94	-2.84	2.30	0.30	10.05	0.19	7.7930	
4110	5330	-0.21	13.25	-4.03	0.01	0.71	-2.64	-0.94	16.09	-5.95	2.02	1.30	2.09	-8.99	1.34	-1.58	-3.02	-15.00	13.33	7.8016	
4111	4379	0.39	5.38	0.00	5.58	-1.37	3.19	1.09	-6.51	0.34	-2.71	-1.89	0.10	-1.92	-1.73	1.75	6.09	-2.47	2.50	7.8145	
4112	1636	0.36	-9.38	1.46	11.14	1.40	4.25	-0.94	-5.91	2.61	3.48	-1.37	-2.81	0.63	1.44	-1.03	5.59	7.55	-10.64	7.8228	
4113	1365	-1.92	5.54	-0.74	5.58	-2.06	-0.52	1.09	-7.99	-0.28	-2.34	-2.06	0.10	-2.60	-2.24	3.41	0.88	10.05	3.91	7.8230	
4114	5732	-0.80	18.74	-4.23	0.01	0.02	-2.11	-0.94	8.73	-7.56	1.66	1.34	-1.14	-10.80	3.33	-2.14	-1.74	-12.49	17.93	7.8336	
4115	5866	-0.99	22.82	-4.22	-11.11	0.36	-2.11	-0.94	15.94	-5.27	0.57	1.92	-1.14	-8.21	2.30	-1.58	-1.97	-17.50	18.97	7.8355	
4116	2855	-0.28	0.56	-0.55	5.58	-1.72	3.72	1.09	-8.14	1.40	-0.89	-1.44	0.10	-0.72	-1.85	2.86	6.08	2.54	-0.51	7.8443	
4117	5920	-0.86	14.43	-4.03	0.01	0.36	-1.05	-0.94	14.39	-7.23	2.02	2.30	-1.14	-10.43	3.46	-2.14	-1.10	-17.50	17.28	7.8472	
4118	3890	1.27	6.22	0.32	5.58	-0.33	1.07	1.56	-1.04	0.65	-2.34	0.29	-2.49	-1.54	-1.92	2.86	-1.42	-2.47	1.59	7.8502	
4119	2630	0.43	-8.55	1.80	-5.55	0.02	-1.58	1.56	-6.40	2.12	-0.89	0.87	1.30	26.39	-3.57	2.86	-4.63	12.56	-10.86	7.8578	
4120	2743	0.49	-7.35	1.92	11.14	1.06	4.25	1.56	-6.98	5.26	-0.89	-1.69	1.30	3.62	-3.26	2.86	5.21	0.03	-10.64	7.8927	
4121	2614	-0.35	-1.73	0.95	-5.55	1.40	-1.05	1.56	7.34	1.26	-1.62	1.25	-2.49	-0.87	-0.99	2.86	0.48	5.04	0.44	7.9261	
4122	3251	1.46	4.66	0.66	5.58	-0.33	3.19	-0.34	-0.17	0.74	-1.25	1.10	-2.49	-1.46	-1.80	-2.14	3.92	-4.98	1.59	7.9437	
4123	3245	1.50	-1.01	0.16	16.71	0.71	1.07	-0.34	1.46	-0.34	0.93	0.73	-2.49	-2.69	-0.24	-0.47	-2.66	-2.47	-2.60	7.9601	
4124	4194	1.63	-7.56	1.23	-5.55	0.36	-1.58	1.56	-5.33	1.43	-1.62	0.06	1.30	25.62	-2.29	2.86	-5.44	10.05	-8.75	7.9768	
4125	221	-1.97	10.08	-0.97	11.14	-1.02	-2.64	-0.34	-1.34	-1.40	-2.34	1.02	-2.49	-3.84	-2.88	-0.47	-2.11	2.54	7.03	7.9873	
4126	195	0.46	-18.79	4.32	-11.11	1.75	3.19	-0.94	-3.90	5.90	2.38	-0.78	-2.81	4.36	2.27	-2.69	9.67	27.58	-12.87	8.0010	
4127	1711	-0.34	5.09	-0.78	11.14	-0.68	1.60	-0.34	-1.49	0.29	-0.89	1.64	-2.49	-1.96	-2.50	-1.03	3.09	-4.98	2.61	8.0086	
4128	1975	-0.16	-3.29	1.29	-5.55	1.40	1.07	-0.34	8.20	1.34	-0.53	2.06	-2.49	-0.78	-0.88	-2.14	5.82	2.54	0.44	8.0196	
4129	1095	-0.66	6.80	-0.58	-5.55	-0.68	0.54	1.56	0.54	-0.74	-2.34	2.32	-2.49	-3.12	-4.01	1.75	3.51	5.04	6.15	8.0271	
4130	739	-0.66	-5.55	0.69	5.58	-1.37	3.72	-0.80	-5.37	2.93	-0.16	-1.69	0.10	1.01	-1.67	-1.03	7.25	10.05	-4.99	8.0279	
4131	1089	-0.62	1.13	-1.08	5.58	0.36	-1.58	1.56	2.17	-1.81	-0.16	1.94	-2.49	-4.34	-2.45	3.41	-3.07	7.55	1.95	8.0435	
4132	5438	-0.17	17.45	-4.23	0.01	0.36	-2.64	-0.94	10.80	-6.28	1.66	0.34	-1.14	-9.35	3.73	-1.58	-3.98	-9.99	13.99	8.0647	
4133	5966	-0.23	11.90	-3.50	0.01	1.06	-0.52	-0.94	17.48	-5.29	2.02	0.98	-1.14	-8.25	2.59	-1.58	-2.98	-15.00	11.45	8.0687	
4134	104	-0.91	-12.98	2.71	0.01	1.75	0.54	-0.94	-4.12	1.97	1.66	-1.10	-2.81	-0.06	2.30	-2.14	6.46	25.08	-9.35	8.0763	
4135	5836	0.80	5.09	-3.22	0.01	0.36	-1.05	-0.94	9.20	-4.53	4.57	2.10	-1.14	-7.38	5.52	-1.03	-2.09	-7.48	9.27	8.0774	
4136	5626	-0.23	13.14	-4.03	0.01	0.71	-1.58	-0.94	16.46	-5.95	2.02	1.30	-1.14	-8.99	3.86	-1.58	-3.34	-15.00	13.34	8.0784	
4137	2875	0.31	-1.51	1.85	0.01	-1.37	4.78	1.09	-6.87	3.03	-0.53	-1.49	0.10	1.12	-2.51	1.75	8.31	5.04	-5.04	8.0822	
4138	2869	0.35	-7.18	1.35	11.14	-0.33	2.66	1.09	-5.24	1.96	1.66	-1.86	0.10	-0.11	-0.94	3.41	1.72	7.55	-9.24	8.0986	
4139	5233	1.06	5.28	-0.65	-5.55	0.71	-0.52	-0.94	11.48	-0.43	2.38	-0.57	2.09	-2.77	1.96	-1.03	-4.64	-4.98	5.22	8.1230	
4140	1211	-0.78	-10.94	3.17	0.01	1.40	0.54	1.56	-5.19	4.62	-2.71	-1.42	1.30	2.93	-2.40	1.75	6.09	17.57	-9.35	8.1461	
4141	2370	0.06	4.58	1.29	5.58	-0.33	0.54	1.56	-1.09	1.83	-1.62	0.78	-2.49	-0.21	-3.27	2.86	-0.03	0.03	-1.92	8.1530	
4142	5354	-0.98	24.52	-4.93	-11.11	0.36	-3.70	-0.94	15.58	-6.13	0.20	1.11	2.09	-9.18	0.82	-1.58	-2.03	-17.50	21.56	8.1551	
4143	301	-1.97	11.07	-1.54	11.14	-1.02	-1.58	-0.34	-1.34	-2.09	-2.71	0.21	-2.49	-4.63	-3.03	-0.47	-2.72	2.54	9.14	8.1611	
4144	4937	-1.01	3.91	0.23	5.58	-1.02	-1.05	-0.80	-1.69	0.90	0.20	-1.57	4.80	-1.26	4.78	-0.47	3.73	-7.48	0.39	8.1629	
4145	1791	-0.34	6.08	-1.35	11.14	-0.68	2.66	-0.34	-1.49	-0.40	-1.25	0.83	-2.49	-2.75	-2.65	-1.03	2.48	-4.98	4.72	8.1824	
4146	1012	0.94	-10.41	0.84	5.58	0.36	0.54	1.56	-3.80	1.01	2.02	2.18	-2.49	-1.17	-0.37	3.41	-0.96	15.06	-6.12	8.1886	
4147	5914	-0.46	18.66	-5.14	0.01	0.36	-2.11	-0.94	15.39	-7.36	1.29	1.56	-1.14	-10.57	2.27	-1.58	-4.36	-15.00	17.34	8.2130	
4148	4053	0.56	-3.12	0.56	-5.55	1.40	-1.58	1.56	7.17	0.77	-0.89	1.89	-2.49	-1.40	1.69	3.41	-0.15	2.54	1.84	8.2174	
4149	575	-0.13	-6.70	1.52	11.14	0.71	2.66	-0.34	-6.31	4.72	-0.89	-1.36	1.30	3.02	-3.41	-1.03	5.00	7.55	-9.24	8.2206	
4150	2708	-0.21	-5.68	1.09	-5.55	-0.33	-1.58	1.56	-8.47	-0.02	-1.25	1.06	1.30	23.97	-2.92	2.30	-2.77	10.05	-4.33	8.2319	
4151	1731	0.25	3.03	1.62	5.58	-0.33	2.66	-0.34	-0.22	1.92	-0.53	1.59	-2.49	-0.13	-3.16	-2.14	5.32	-2.47	-1.92	8.2465	
4152	6058	0.13	8.29	-0.48	0.01	1.06	0.01	-0.94	7.09												

4155	4316	1.10	-14.61	3.66	0.01	1.06	1.07	1.09	-1.16	3.12	0.93	-0.62	0.10	1.22	2.67	2.30	6.62	12.56	-12.87	8.2674
4156	1052	-1.07	-6.31	1.23	-5.55	1.40	-2.11	1.56	5.18	-0.66	-0.53	3.19	-2.49	-3.02	-0.26	2.30	2.03	15.06	-1.68	8.2762
4157	4727	-0.35	8.21	-2.59	0.01	0.02	0.01	-0.34	5.58	-1.87	-0.53	2.04	2.21	-4.40	3.51	-1.03	3.53	-15.00	9.27	8.3030
4158	2226	0.00	-9.39	2.98	0.01	0.36	1.60	-0.80	0.60	4.49	0.20	-2.23	0.10	2.77	0.37	-1.03	5.06	12.56	-9.35	8.3091
4159	4354	1.85	-5.15	1.35	11.14	0.02	2.66	1.09	-3.95	1.95	0.20	-2.17	0.10	-0.11	-0.70	2.86	1.37	5.04	-9.24	8.3245
4160	2450	0.06	5.57	0.71	5.58	-0.33	1.60	1.56	-1.09	1.14	-1.98	-0.03	-2.49	-1.00	-3.42	2.86	-0.63	0.03	0.19	8.3268
4161	99	-0.85	-5.55	0.71	5.58	0.02	3.72	-0.94	-7.94	3.03	0.57	-1.69	-2.81	1.12	-0.32	-1.58	7.71	12.56	-4.99	8.3288
4162	5017	-1.01	4.90	-0.35	5.58	-1.02	0.01	-0.80	-1.69	0.21	-0.16	-2.38	4.80	-2.05	4.63	-0.47	3.13	-7.48	2.50	8.3368
4163	3680	1.75	-10.37	2.02	11.14	0.36	3.19	-0.80	-2.28	3.22	2.75	-0.56	0.10	1.31	1.67	-0.47	5.53	2.54	-12.75	8.3419
4164	416	-0.43	-2.06	-0.42	5.58	0.71	0.01	-0.34	4.06	-0.55	1.29	3.24	-2.49	-2.93	-1.27	-0.47	0.93	5.04	-1.57	8.3506
4165	1330	-1.62	5.94	0.22	5.58	-1.72	-1.05	1.09	-6.75	0.90	-3.07	-1.89	0.10	-1.27	-3.34	2.86	1.92	10.05	0.39	8.3517
4166	5815	1.18	1.01	-1.32	0.01	0.71	2.13	-0.94	10.49	-0.21	2.02	-0.28	-1.14	-2.52	3.02	-1.58	-1.53	-7.48	4.79	8.3689
4167	4514	-0.54	7.64	-0.68	11.14	-0.33	-1.05	-0.34	1.96	-0.98	-1.62	-0.04	2.21	-3.38	2.94	-1.03	-1.12	-12.49	6.06	8.3735
4168	1473	0.16	-19.27	3.96	-11.11	0.36	1.07	1.09	-2.42	5.74	1.66	-1.28	0.10	4.18	1.99	3.41	4.01	27.58	-12.87	8.3744
4169	5529	1.04	5.17	-0.65	-5.55	0.71	0.54	-0.94	11.85	-0.43	2.38	-0.57	-1.14	-2.77	4.48	-1.03	-4.95	-4.98	5.22	8.3997
4170	1811	0.25	4.01	1.05	5.58	-0.33	3.72	-0.34	-0.22	1.22	-0.89	0.78	-2.49	-0.91	-3.31	-2.14	4.71	-2.47	0.19	8.4203
4171	5650	-0.99	24.41	-4.93	-11.11	0.36	-2.64	-0.94	15.94	-6.13	0.20	1.11	-1.14	-9.19	3.34	-1.58	-2.35	-17.50	21.56	8.4318
4172	1805	0.30	-1.66	0.54	16.71	0.71	1.60	-0.34	1.41	0.15	1.29	0.41	-2.49	-2.14	-1.74	-0.47	-1.88	0.03	-4.01	8.4367
4173	4396	1.10	-13.62	3.09	0.01	1.06	2.13	1.09	-1.16	2.42	0.57	-1.43	0.10	0.44	2.52	2.30	6.01	12.56	-10.75	8.4413
4174	691	-1.43	4.39	0.56	5.58	-1.72	1.07	-0.80	-5.89	0.98	-1.98	-1.08	0.10	-1.18	-3.23	-2.14	7.26	7.55	0.39	8.4452
4175	4783	0.12	-12.58	4.13	0.01	2.45	0.01	-0.34	1.12	5.81	-0.16	-0.93	6.00	4.26	4.61	-2.14	8.94	0.03	-12.87	8.4861
4176	3210	1.80	-0.62	1.12	16.71	1.06	0.54	-0.34	2.70	0.84	0.20	0.90	-2.49	-1.36	-1.34	-1.03	-1.62	-2.47	-6.12	8.4888
4177	3760	1.75	-9.38	1.44	11.14	0.36	4.25	-0.80	-2.28	2.53	2.38	-1.37	0.10	0.53	1.52	-0.47	4.92	2.54	-10.64	8.5157
4178	859	-0.95	5.43	-0.97	0.01	-0.68	0.01	1.56	-4.30	0.07	-1.98	1.64	-2.49	-2.20	-3.01	2.86	2.64	7.55	3.33	8.5163
4179	4311	1.16	-7.19	1.67	5.58	-0.68	4.25	-0.94	-4.98	4.17	-0.16	-1.21	0.10	2.40	0.05	2.86	7.87	0.03	-8.51	8.5199
4180	1410	-1.62	6.93	-0.35	5.58	-1.72	0.01	1.09	-6.75	0.20	-3.43	-2.70	0.10	-2.05	-3.49	2.86	1.31	10.05	2.50	8.5256
4181	1047	-1.01	1.11	-0.77	0.01	-0.33	1.07	1.56	1.36	0.39	-1.62	2.60	-2.49	-1.84	-2.88	2.86	3.28	2.54	2.68	8.5287
4182	4747	0.24	6.15	-0.19	-5.55	0.36	1.07	-0.34	6.84	-0.25	-0.16	1.99	2.21	-2.56	2.85	-2.14	5.76	-12.49	4.74	8.5409
4183	3070	1.02	-9.39	3.00	0.01	2.10	0.54	-0.94	-0.89	4.58	0.57	-2.23	-2.81	2.89	3.15	-1.58	5.32	12.56	-9.35	8.5486
4184	5141	-0.45	15.53	-4.23	0.01	0.36	-3.70	-0.94	10.22	-6.27	2.75	0.66	2.09	-9.34	2.39	-1.03	-3.51	-9.99	13.99	8.5559
4185	4741	0.28	0.48	-0.69	5.58	1.40	-1.05	-0.34	8.48	-1.32	2.02	1.62	2.21	-3.79	4.42	-0.47	-0.83	-9.99	0.55	8.5573
4186	5329	-0.50	11.22	-4.03	0.01	0.71	-2.64	-0.94	15.87	-5.94	3.11	1.62	2.09	-8.98	2.52	-1.03	-2.87	-15.00	13.33	8.5695
4187	5865	-1.29	20.79	-4.22	-11.11	0.36	-2.11	-0.94	15.73	-5.26	1.66	2.23	-1.14	-8.21	3.48	-1.03	-1.82	-17.50	18.97	8.6035
4188	1586	-0.19	-9.39	3.00	0.01	1.75	1.60	-0.94	-1.96	4.58	0.93	-2.23	-2.81	2.88	1.72	-1.58	5.53	15.06	-9.35	8.6101
4189	3889	0.97	4.18	0.32	5.58	-0.33	1.07	1.56	-1.26	0.66	-1.25	0.61	-2.49	-1.54	-0.73	3.41	-1.27	-2.47	1.59	8.6181
4190	771	-1.43	5.38	-0.01	5.58	-1.72	2.13	-0.80	-5.89	0.29	-2.34	-1.89	0.10	-1.97	-3.38	-2.14	6.66	7.55	2.50	8.6191
4191	3875	0.57	6.08	-0.33	11.14	-0.68	2.13	1.56	-3.09	-0.84	-3.07	0.77	-2.49	-3.24	-2.23	1.75	2.00	-7.48	6.06	8.6192
4192	2629	0.13	-10.58	1.81	-5.55	0.02	-1.58	1.56	-6.62	2.13	0.20	1.18	1.30	26.40	-2.39	3.41	-4.48	12.56	-10.86	8.6257
4193	2834	0.65	-6.79	2.31	11.14	0.02	2.13	1.09	-4.00	3.13	0.93	-1.69	0.10	1.22	-2.05	2.86	2.76	7.55	-12.75	8.6273
4194	282	-0.56	6.22	0.31	5.58	-0.68	0.01	-0.34	-0.42	0.60	-1.98	0.29	-2.49	-1.60	-3.57	-1.03	-0.85	7.55	1.59	8.6548
4195	4863	0.12	-11.59	3.56	0.01	2.45	1.07	-0.34	1.12	5.11	-0.53	-1.74	6.00	3.48	4.46	-2.14	8.33	0.03	-10.75	8.6599
4196	3290	1.80	0.37	0.54	16.71	1.06	1.60	-0.34	2.70	0.15	-0.16	0.09	-2.49	-2.14	-1.49	-1.03	-2.23	-2.47	-4.01	8.6626
4197	4662	0.58	1.52	-0.12	5.58	1.40	-1.05	-0.34	8.69	-0.63	1.29	2.12	2.21	-3.02	3.38	-1.03	-0.37	-9.99	-1.57	8.6732
4198	939	-0.95	6.41	-1.55	0.01	-0.68	1.07	1.56	-4.30	-0.62	-2.34	0.83	-2.49	-2.99	-3.16	2.86	2.03	7.55	5.45	8.6902
4199	4391	1.16	-6.20	1.09	5.58	-0.68	5.31	1.09	-4.98	3.48	-0.53	-2.02	0.10	1.62	-0.09	2.86	7.26	0.03	-6.40	8.6938
4200	2613	-0.65	-3.77	0.95	-5.55	1.40	-1.05	1.56	7.12	1.26	-0.53	1.57	-2.49	-0.86	0.19	3.41	0.63	5.04	0.44	8.6940
4201	4147	1.69	-8.33	2.50	11.14	1.40	3.19	1.56	-5.91	5.96	-0.89	-0.88	1.30	4.41	-1.68	2.86	5.62	-2.47	-12.75	8.7127
4202	5252	1.06	-0.32	-2.10	0.01	0.71	-0.52	-0.94	9.90	-3.12	5.29	1.85	2.09	-5.80	4.59	-1.03	-0.75	-7.48	5.26	8.7146
4203	2491	1.21	-12.62	3.12	-5.55	1.06	1.60	1.56	0.34	3.59	0.57	1.81	-2.49	1.76	0.17	1.75	4.54	12.56	-6.23	8.7414
4204	4193	1.34	-9.60	1.23	-5.55	0.36	-1.58	1.56	-5.55	1.44	-0.53	0.37	1.30	25.62	-1.11	3.41	-5.29	10.05	-8.75	8.7447
4205	1134	-0.32	2.51	-0.69	5.58	0.71	-1.05	1.56	3.41	-1.33	-1.25	1.31	-2.49	-3.80	-3.70	2.86	-2.64	7.55	0.55	8.7460
4206	51	-1.62	4.39	0.58	5.58	-0.33	1.07	-0.94	-8.45	1.07	-1.25	-1.08	-2.81	-1.08	-1.88	-2.69	7.73	10.05	0.39	8.7462
4207	586	-0.19	-7.56	1.22	-5.55	0.02	-2.64	-0.34	-4.71	1.38	-1.25	0.06	1.30	25.56	-3.94	-1.03	-4.87	20.07	-8.75	8.7814
4208	2914	0.65	-5.80	1.74	11.14	0.02	3.19	1.09	-4.00	2.44	0.57	-2.50	0.10	0.44	-2.20	2.86	2.15	7.55	-10.64	8.8011
4209	2534	-0.35	-2.72	1.53	-5.55	1.40	-1.05	1.56	7.34	1.95	-1.25	2.06	-2.49	-0.08	-0.84	2.86	1.09	5.04	-1.68	8.8099
4210	1855	1.86	-8.38	1.47	5.58	0.36	3.72	-0.34	-0.78	3.70	2.38	1.86	-2.49	1.85	-0.84	-1.03	3.45	2.54	-6.12	8.8159
4211	4998	0.40	0.05	1.50	0.01	-0.68	1.60	-0.80	-0.76	2.90	0.57	-2.30	4.80	0.99	4.10	-1.03	4.99	-2.47	-5.04	8.8304
4212	5437	-0.46	15.42	-4.23	0.01	0.36	-2.64	-0.94	10.59	-6.27	2.75	0.66	-1.14	-9.34	4.91	-1.03	-3.82	-9.99	13.99	8.8326
4213	5965	-0.52	9.86	-3.50	0.01	1.06	-0.52	-0.94	17.26	-5.28	3.11	1.29	-1.14	-8.24	3.77	-1.03	-2.83	-15.00	11.45	8.8366
4214	4339	0.93	0.56	-0.55	5.58	-1.37	3.72	1.09	-7.07	1.41	-1.25	-1.44	0.10	-0.71	-0.42	2.86	5.88	0.03	-0.51	8.8381
4215	5625	-0.52	11.11	-4.03	0.01	0.71	-1.58	-0.94	16.24	-5.94	3.11	1.62	-1.14	-8.98	5.04	-1.03	-3.18	-15.00	13.34	8.8463
4216	4114	1.63	-8.55	1.80	-5.55	0.36	-1.58	1.56	-5.33	2.12	-1.25	0.87	1.30	26.39	-2.14	2.86	-4.84	10.05	-10.86	8.8516
4217	4227	1.69	-7.35	1.92	11.14	1.40	4.25	1.56	-5.91	5.27	-1.25	-1.69	1.							

4220	131	-1.62	5.38	0.01	5.58	-0.33	2.13	-0.94	-8.45	0.38	-1.62	-1.89	-2.81	-1.86	-2.03	-2.69	7.12	10.05	2.50	8.9200
4221	2369	-0.23	2.55	1.29	5.58	-0.33	0.54	1.56	-1.31	1.84	-0.53	1.09	-2.49	-0.21	-2.09	3.41	0.13	0.03	-1.92	8.9209
4222	2355	-0.63	4.45	0.64	11.14	-0.68	1.60	1.56	-3.14	0.34	-2.34	1.26	-2.49	-1.91	-3.59	1.75	3.39	-4.98	2.54	8.9220
4223	5353	-1.27	22.49	-4.93	-11.11	0.36	-3.70	-0.94	15.36	-6.12	1.29	1.42	2.09	-9.18	2.01	-1.03	-1.88	-17.50	21.56	8.9230
4224	5698	-0.17	15.22	-3.13	0.01	0.71	-1.58	-0.94	11.82	-4.92	2.02	0.83	-1.14	-7.83	2.61	-1.58	-3.02	-9.99	10.00	8.9402
4225	5886	-0.23	10.91	-2.93	0.01	1.06	-0.52	-0.94	17.48	-4.59	2.38	1.79	-1.14	-7.46	2.74	-1.58	-2.38	-15.00	9.34	8.9525
4226	5913	-0.76	16.62	-5.14	0.01	0.36	-2.11	-0.94	15.17	-7.35	2.38	1.87	-1.14	-10.57	3.45	-1.03	-4.21	-15.00	17.34	8.9809
4227	5548	1.04	-0.43	-2.10	0.01	0.71	0.54	-0.94	10.27	-3.12	5.29	1.85	-1.14	-5.80	7.11	-1.03	-1.07	-7.48	5.27	8.9914
4228	3195	0.87	5.09	-0.78	11.14	-0.33	1.60	-0.34	-0.42	0.29	-1.25	1.64	-2.49	-1.95	-1.07	-1.03	2.89	-7.48	2.61	9.0024
4229	3459	1.04	-3.29	1.29	-5.55	1.75	1.07	-0.34	9.27	1.34	-0.89	2.06	-2.49	-0.77	0.55	-2.14	5.62	0.03	0.44	9.0135
4230	6057	-0.17	6.26	-0.47	0.01	1.06	0.01	-0.94	6.87	0.74	2.02	-1.98	2.65	-1.44	2.90	-1.03	0.89	-9.99	1.62	9.0166
4231	6043	-0.56	8.16	-1.13	5.58	0.71	1.07	-0.94	5.04	-0.77	0.20	-1.82	2.65	-3.15	1.40	-2.69	4.16	-15.00	6.09	9.0177
4232	445	-1.27	-3.12	0.55	-5.55	1.06	-2.64	-0.34	7.79	0.72	-0.53	1.89	-2.49	-1.46	0.05	-0.47	0.42	12.56	1.84	9.0219
4233	5140	-0.78	19.45	-4.37	0.01	0.02	-3.70	-0.94	8.36	-7.72	1.66	1.34	2.09	-10.98	2.01	-2.14	-1.19	-12.49	18.41	9.0369
4234	5274	-0.98	23.53	-4.35	-11.11	0.36	-3.70	-0.94	15.58	-5.44	0.57	1.92	2.09	-8.40	0.97	-1.58	-1.42	-17.50	19.45	9.0389
4235	5328	-0.84	15.14	-4.16	0.01	0.36	-2.64	-0.94	14.02	-7.40	2.02	2.30	2.09	-10.62	2.14	-2.14	-0.55	-17.50	17.75	9.0506
4236	708	-0.72	-14.61	3.65	0.01	0.71	0.01	-0.80	-0.53	3.06	1.29	-0.62	0.10	1.17	1.03	-1.58	7.19	22.57	-12.87	9.0720
4237	4359	1.51	-1.51	1.85	0.01	-1.02	4.78	1.09	-5.80	3.04	-0.89	-1.49	0.10	1.12	-1.08	1.75	8.10	2.54	-5.04	9.0760
4238	2225	-0.29	-11.42	2.98	0.01	0.36	1.60	-0.80	0.38	4.49	1.29	-1.91	0.10	2.78	1.55	-0.47	5.21	12.56	-9.35	9.0770
4239	4353	1.56	-7.18	1.35	11.14	0.02	2.66	1.09	-4.17	1.96	1.29	-1.86	0.10	-0.10	0.49	3.41	1.52	5.04	-9.24	9.0924
4240	2449	-0.23	3.53	0.71	5.58	-0.33	1.60	1.56	-1.31	1.15	-0.89	0.28	-2.49	-0.99	-2.24	3.41	-0.48	0.03	0.19	9.0947
4241	2435	-0.63	5.43	0.06	11.14	-0.68	2.66	1.56	-3.14	-0.36	-2.71	0.45	-2.49	-2.69	-3.74	1.75	2.78	-4.98	4.66	9.0958
4242	2628	-0.21	-6.67	1.67	-5.55	-0.33	-1.58	1.56	-8.47	0.67	-0.89	1.87	1.30	24.75	-2.77	2.30	-2.16	10.05	-6.44	9.1067
4243	5778	-0.17	16.21	-3.71	0.01	0.71	-0.52	-0.94	11.82	-5.61	1.66	0.02	-1.14	-8.61	2.46	-1.58	-3.62	-9.99	12.11	9.1140
4244	1329	-1.92	3.91	0.23	5.58	-1.72	-1.05	1.09	-6.97	0.90	-1.98	-1.57	0.10	-1.26	-2.16	3.41	2.07	10.05	0.39	9.1196
4245	746	0.03	-5.15	1.34	11.14	-0.33	1.60	-0.80	-3.33	1.90	0.57	-2.17	0.10	-0.16	-2.34	-1.03	1.94	15.06	-9.24	9.1291
4246	4591	1.98	-8.38	1.49	5.58	1.06	2.66	-0.34	1.70	3.76	0.93	0.05	2.21	1.92	3.67	-1.03	0.46	-2.47	-6.12	9.1354
4247	2819	-0.28	-1.08	0.42	5.58	-1.37	3.19	1.09	-7.12	2.59	-0.53	-0.95	0.10	0.62	-1.77	2.86	7.28	2.54	-4.03	9.1409
4248	4513	-0.83	5.60	-0.68	11.14	-0.33	-1.05	-0.34	1.74	-0.97	-0.53	0.28	2.21	-3.37	4.13	-0.47	-0.96	-12.49	6.06	9.1414
4249	3854	1.27	4.58	1.29	5.58	0.02	0.54	1.56	-0.02	1.84	-1.98	0.78	-2.49	-0.21	-1.84	2.86	-0.23	-2.47	-1.92	9.1468
4250	5820	1.12	-6.41	0.68	-5.55	2.45	0.01	-0.94	14.30	-1.26	3.11	0.31	-1.14	-3.70	5.64	-2.14	-2.79	5.04	0.43	9.1623
4251	3275	0.87	6.08	-1.35	11.14	-0.33	2.66	-0.34	-0.42	-0.40	-1.62	0.83	-2.49	-2.74	-1.21	-1.03	2.28	-7.48	4.72	9.1762
4252	4647	-0.35	7.22	-2.02	0.01	0.02	0.01	-0.34	5.58	-1.18	-0.16	2.85	2.21	-3.61	3.66	-1.03	4.14	-15.00	7.16	9.1868
4253	5649	-1.29	22.38	-4.93	-11.11	0.36	-2.64	-0.94	15.73	-6.12	1.29	1.42	-1.14	-9.18	4.53	-1.03	-2.20	-17.50	21.56	9.1998
4254	4192	1.00	-5.68	1.09	-5.55	0.02	-1.58	1.56	-7.40	-0.02	-1.62	1.06	1.30	23.98	-1.49	2.30	-2.97	7.55	-4.33	9.2257
4255	2383	-0.87	12.19	-1.58	11.14	-1.37	1.07	1.56	-5.23	-2.43	-3.43	1.03	-2.49	-5.02	-4.06	1.75	1.40	-4.98	10.54	9.2402
4256	3215	1.46	3.03	1.63	5.58	0.02	2.66	-0.34	0.85	1.92	-0.89	1.59	-2.49	-0.12	-1.73	-2.14	5.12	-4.98	-1.92	9.2403
4257	788	-0.72	-13.62	3.08	0.01	0.71	1.07	-0.80	-0.53	2.37	0.93	-1.43	0.10	0.39	0.88	-1.58	6.58	22.57	-10.75	9.2458
4258	3209	1.50	-2.65	1.12	16.71	1.06	0.54	-0.34	2.48	0.85	1.29	1.22	-2.49	-1.35	-0.16	-0.47	-1.47	-2.47	-6.12	9.2567
4259	1119	-1.25	8.21	-2.59	0.01	-0.68	0.01	1.56	0.29	-1.87	-2.71	2.04	-2.49	-4.40	-3.43	2.86	1.87	2.54	9.27	9.2597
4260	5374	-0.21	12.60	-3.64	0.01	1.06	-2.11	-0.94	17.11	-5.46	2.02	0.98	2.09	-8.43	1.26	-1.58	-2.43	-15.00	11.93	9.2721
4261	5244	0.82	5.79	-3.35	0.01	0.36	-2.64	-0.94	8.83	-4.70	4.57	2.10	2.09	-7.57	4.20	-1.03	-1.54	-7.48	9.75	9.2808
4262	1409	-1.92	4.90	-0.35	5.58	-1.72	0.01	1.09	-6.97	0.21	-2.34	-2.38	0.10	-2.05	-2.31	3.41	1.46	10.05	2.50	9.2935
4263	3710	1.21	-9.39	2.98	0.01	0.71	1.60	-0.80	1.67	4.49	-0.16	-2.23	0.10	2.78	1.80	-1.03	4.86	10.05	-9.35	9.3030
4264	5436	-0.80	19.34	-4.37	0.01	0.02	-2.64	-0.94	8.73	-7.72	1.66	1.34	-1.14	-10.98	4.53	-2.14	-1.50	-12.49	18.41	9.3137
4265	2899	-0.28	-0.09	-0.16	5.58	-1.37	4.25	1.09	-7.12	1.89	-0.89	-1.76	0.10	-0.16	-1.92	2.86	6.67	2.54	-1.92	9.3148
4266	5570	-0.99	23.42	-4.35	-11.11	0.36	-2.64	-0.94	15.94	-5.44	0.57	1.92	-1.14	-8.40	3.49	-1.58	-1.74	-17.50	19.45	9.3157
4267	3069	0.72	-11.42	3.00	0.01	2.10	0.54	-0.94	-1.11	4.59	1.66	-1.91	-2.81	2.89	4.33	-1.03	5.48	12.56	-9.35	9.3165
4268	5964	-0.86	13.78	-3.64	0.01	0.71	-0.52	-0.94	15.41	-6.74	2.02	1.98	-1.14	-9.88	3.39	-2.14	-0.51	-17.50	15.87	9.3177
4269	3934	1.27	5.57	0.71	5.58	0.02	1.60	1.56	-0.02	1.15	-2.34	-0.03	-2.49	-0.99	-1.99	2.86	-0.84	-2.47	0.19	9.3206
4270	703	-0.66	-7.19	1.66	5.58	-1.02	3.19	-0.80	-4.35	4.12	0.20	-1.21	0.10	2.35	-1.59	-1.03	8.44	10.05	-8.51	9.3245
4271	5624	-0.86	15.02	-4.16	0.01	0.36	-1.58	-0.94	14.39	-7.40	2.02	2.30	-1.14	-10.62	4.66	-2.14	-0.86	-17.50	17.76	9.3273
4272	906	-1.44	7.64	-0.68	11.14	-1.02	-1.05	1.56	-3.33	-0.98	-3.80	-0.04	-2.49	-3.38	-4.00	2.86	-2.78	5.04	6.06	9.3302
4273	5856	1.39	3.02	-0.81	-5.55	0.71	1.07	-0.94	10.47	-2.90	4.93	2.05	-1.14	-5.56	4.86	-2.14	0.13	-4.98	4.74	9.3640
4274	68	-0.91	-14.61	3.67	0.01	2.10	0.01	-0.94	-3.10	3.16	2.02	-0.62	-2.81	1.28	2.37	-2.14	7.66	25.08	-12.87	9.3729
4275	1585	-0.48	-11.42	3.00	0.01	1.75	1.60	-0.94	-2.18	4.59	2.02	-1.91	-2.81	2.88	2.90	-1.03	5.68	15.06	-9.35	9.3780
4276	2839	0.31	-3.14	2.82	0.01	-1.02	4.25	1.09	-5.85	4.22	-0.16	-1.00	0.10	2.45	-2.43	1.75	9.50	5.04	-8.56	9.3788
4277	2833	0.35	-8.82	2.32	11.14	0.02	2.13	1.09	-4.22	3.14	2.02	-1.37	0.10	1.23	-0.87	3.41	2.91	7.55	-12.75	9.3952
4278	3295	1.46	4.01	1.05	5.58	0.02	3.72	-0.34	0.85	1.23	-1.25	0.78	-2.49	-0.91	-1.87	-2.14	4.51	-4.98	0.19	9.4142
4279	5322	-0.45	19.36	-5.28	0.01	0.36	-3.70	-0.94	15.02	-7.53	1.29	1.56	2.09	-10.76	0.94	-1.58	-3.81	-15.00	17.82	9.4164
4280	281	-0.85	4.18	0.31	5.58	-0.68	0.01	-0.34	-0.63	0.61	-0.89	0.61	-2.49	-1.59	-2.38	-0.47	-0.70	7.55	1.59	9.4227
4281	267	-1.25	6.08	-0.34	11.14	-1.02	1.07	-0.34	-2.46	-0.89	-2.71	0.77	-2.49	-3.29	-3.88	-2.14	2.57	2.54	6.06	9.4238
4282	4667	0.24	5.16	0.39	-5.55	0.36	1.07	-0.34	6.84	0.4										

4285	4661	0.28	-0.51	-0.12	5.58	1.40	-0.51	-1.05	-0.34	8.48	0.66	2.38	2.43	2.21	-3.01	4.57	-0.47	-0.22	-9.99	1.57	9.4411
4286	1175	-0.78	-12.58	4.13	0.01	1.75	0.01	1.56	-4.17	5.81	-2.34	-0.93	1.30	4.26	-2.33	1.75	7.28	17.57	-12.87	1.57	9.4428
4287	5912	-1.10	20.54	-5.28	0.01	0.02	-2.11	-0.94	13.32	-8.81	1.29	2.56	-1.14	-12.21	3.07	-2.14	-1.89	-17.50	21.76	1.57	9.4620
4288	4614	1.30	-11.07	2.77	-5.55	1.75	-1.58	-0.34	6.46	3.47	1.66	1.00	2.21	1.63	6.77	-1.03	1.22	5.04	-6.23	1.57	9.4896
4289	1139	-0.66	6.15	-0.19	-5.55	-0.33	1.07	1.56	1.56	-0.25	-2.34	1.99	-2.49	-2.57	-4.09	1.75	4.10	5.04	4.74	1.57	9.4976
4290	783	-0.66	-6.20	1.08	5.58	-1.02	4.25	-0.80	-4.35	3.43	-0.16	-2.02	0.10	1.57	-1.74	-1.03	7.83	10.05	-6.40	1.57	9.4984
4291	1133	-0.62	0.48	-0.69	5.58	0.71	-1.05	1.56	3.19	-1.32	-0.16	1.62	-2.49	-3.79	-2.52	3.41	-2.49	7.55	0.55	1.57	9.5139
4292	539	-0.13	-8.33	2.49	11.14	1.06	2.13	-0.34	-5.29	5.91	-0.53	-0.88	1.30	4.35	-3.33	-1.03	6.19	7.55	-12.75	1.57	9.5172
4293	5903	-0.80	22.91	-4.84	-11.11	0.02	-1.58	-0.94	13.54	-6.34	0.57	2.24	-1.14	-9.43	2.09	-2.69	2.06	-17.50	22.49	1.57	9.5381
4294	6022	0.13	6.65	0.49	0.01	1.40	-0.52	-0.94	8.11	1.92	1.29	-1.81	2.65	-0.11	1.79	-1.58	1.93	-9.99	-1.90	1.57	9.5454
4295	148	-0.91	-13.62	3.10	0.01	2.10	1.07	-0.94	-3.10	2.46	1.66	-1.43	-2.81	0.49	2.22	-2.14	7.05	25.08	-10.75	1.57	9.5468
4296	5670	-0.23	12.49	-3.64	0.01	1.06	-1.05	-0.94	17.48	-5.46	2.02	0.98	-1.14	-8.43	3.78	-1.58	-2.75	-15.00	11.93	1.57	9.5488
4297	585	-0.49	-9.60	1.22	-5.55	0.02	-2.64	-0.34	-4.93	1.39	-0.16	0.37	1.30	25.57	-2.75	-0.47	-4.72	20.07	-8.75	1.57	9.5493
4298	2919	0.31	-2.16	2.24	0.01	-1.02	5.31	1.09	-5.85	3.52	-0.53	-1.81	0.10	1.67	-2.58	1.75	8.89	5.04	-6.45	1.57	9.5527
4299	5540	0.80	5.68	-3.35	0.01	0.36	-1.58	-0.94	9.20	-4.70	4.57	2.10	-1.14	-7.57	6.72	-1.03	-1.86	-7.48	9.75	1.57	9.5575
4300	2913	0.35	-7.83	1.74	11.14	0.02	3.19	1.09	-4.22	2.45	1.66	-2.18	0.10	0.44	-1.02	3.41	2.30	7.55	-10.64	1.57	9.5690
4301	5223	1.20	1.72	-1.45	0.01	0.71	0.54	-0.94	10.12	-0.37	2.02	-0.28	2.09	-2.70	1.70	-1.58	-0.98	-7.48	5.26	1.57	9.5722
4302	2533	-0.65	-4.75	1.53	-5.55	1.40	-1.05	1.56	7.12	1.96	-0.16	2.38	-2.49	-0.07	0.34	3.41	1.24	5.04	-1.68	1.57	9.5778
4303	4997	0.11	-1.99	1.50	0.01	-0.68	1.60	-0.80	-0.98	2.91	1.66	-1.98	4.80	1.00	5.28	-0.47	5.14	-2.47	-5.04	1.57	9.5983
4304	4983	-0.29	-0.09	0.85	5.58	-1.02	2.66	-0.80	-2.80	1.40	-0.16	-1.82	4.80	-0.71	3.78	-2.14	8.41	-7.48	-0.57	1.57	9.5994
4305	2190	0.00	-11.03	3.95	0.01	0.71	1.07	-0.80	1.62	5.67	0.57	-1.74	0.10	4.11	0.44	-1.03	6.25	12.56	-12.87	1.57	9.6058
4306	1255	-0.78	-11.59	3.56	0.01	1.75	1.07	1.56	-4.17	5.11	-2.71	-1.74	1.30	3.48	-2.48	1.75	6.67	17.57	-10.75	1.57	9.6166
4307	4113	1.34	-10.58	1.81	-5.55	0.36	-1.58	1.56	-5.55	2.13	-0.16	1.18	1.30	26.40	-0.96	3.41	-4.68	10.05	-10.86	1.57	9.6195
4308	4318	1.85	-6.79	2.32	11.14	0.36	2.13	1.09	-2.93	3.14	0.57	-1.69	0.10	1.23	-0.62	2.86	2.56	5.04	-12.75	1.57	9.6211
4309	63	-0.85	-7.19	1.68	5.58	0.36	3.19	-0.94	-6.91	4.21	0.93	-1.21	-2.81	2.45	-0.25	-1.58	8.91	12.56	-8.51	1.57	9.6255
4310	1054	-0.32	1.52	-0.12	5.58	0.71	-1.05	1.56	3.41	-0.63	-0.89	2.12	-2.49	-3.02	-3.56	2.86	-2.03	7.55	-1.57	1.57	9.6299
4311	731	-0.90	0.56	-0.56	5.58	-1.72	2.66	-0.80	-6.44	1.36	-0.89	-1.44	0.10	-0.76	-2.07	-1.03	6.45	10.05	-0.51	1.57	9.6427
4312	506	-0.19	-8.55	1.79	-5.55	0.02	-2.64	-0.34	-4.71	2.07	-0.89	0.87	1.30	26.34	-3.79	-1.03	-4.27	20.07	-10.86	1.57	9.6562
4313	4478	-0.54	6.00	0.29	11.14	0.02	-1.58	-0.34	2.98	0.21	-1.25	0.45	2.21	-2.04	3.02	-1.03	0.08	-12.49	2.54	1.57	9.6702
4314	5958	-0.46	18.01	-4.75	0.01	0.71	-1.58	-0.94	16.41	-6.86	1.29	1.23	-1.14	-10.02	2.19	-1.58	-3.78	-15.00	15.94	1.57	9.6835
4315	4097	0.56	-3.77	0.95	-5.55	1.75	-1.05	1.56	8.19	1.27	-0.89	1.57	-2.49	-0.85	1.62	3.41	0.43	2.54	0.44	1.57	9.6878
4316	619	-0.13	-7.35	1.91	11.14	1.06	3.19	-0.34	-5.29	5.22	-0.89	-1.69	1.30	3.57	-3.48	-1.03	5.58	7.55	-10.64	1.57	9.6911
4317	5618	-0.46	19.25	-5.28	0.01	0.36	-2.64	-0.94	15.39	-7.53	1.29	1.56	-1.14	-10.76	3.46	-1.58	-4.13	-15.00	17.82	1.57	9.6932
4318	5697	-0.46	13.19	-3.13	0.01	0.71	-1.58	-0.94	11.61	-4.91	3.11	1.14	-1.14	-7.82	3.79	-1.03	-2.86	-9.99	10.00	1.57	9.7081
4319	6102	0.13	7.64	-0.09	0.01	1.40	0.54	-0.94	8.11	1.23	0.93	-2.62	2.65	-0.90	1.64	-1.58	1.33	-9.99	0.22	1.57	9.7192
4320	5885	-0.52	8.88	-2.92	0.01	1.06	-0.52	-0.94	17.26	-4.59	3.48	2.10	-1.14	-7.45	3.92	-1.03	-2.22	-15.00	9.34	1.57	9.7204
4321	490	-0.97	-1.73	0.94	-5.55	1.40	-2.11	-0.34	9.03	1.21	-1.62	1.25	-2.49	-0.91	-1.21	-1.03	0.85	12.56	0.44	1.57	9.7245
4322	3975	2.41	-12.62	3.12	-5.55	1.40	1.60	1.56	1.41	3.60	0.20	1.81	-2.49	1.77	1.60	1.75	4.34	10.05	-6.23	1.57	9.7353
4323	2270	0.00	-10.04	3.37	0.01	0.71	2.13	-0.80	1.62	4.98	0.20	-2.55	0.10	3.32	0.30	-1.03	5.64	12.56	-10.75	1.57	9.7796
4324	1390	-0.50	0.05	1.50	0.01	-1.37	1.60	1.09	-6.04	2.90	-1.62	-2.30	0.10	0.99	-2.84	2.86	3.33	15.06	-5.04	1.57	9.7871
4325	4398	1.85	-5.80	1.74	11.14	0.36	3.19	1.09	-2.93	2.45	0.20	-2.50	0.10	0.44	-0.77	2.86	1.95	5.04	-10.64	1.57	9.7950
4326	143	-0.85	-6.20	1.10	5.58	0.36	4.25	-0.94	-6.91	3.52	0.57	-2.02	-2.81	1.67	-0.39	-1.58	8.30	12.56	-6.40	1.57	9.7993
4327	4018	0.85	-2.72	1.53	-5.55	1.75	-1.05	1.56	8.40	1.95	-1.62	2.06	-2.49	-0.08	0.59	2.86	0.89	2.54	-1.68	1.57	9.8038
4328	5273	-1.27	21.50	-4.35	-11.11	0.36	-3.70	-0.94	15.36	-5.43	1.66	2.23	2.09	-8.39	2.15	-1.03	-1.27	-17.50	19.45	1.57	9.8068
4329	3339	3.06	-8.38	1.48	5.58	0.71	3.72	-0.34	0.29	3.70	2.02	1.86	-2.49	1.86	0.59	-1.03	3.24	0.03	-6.12	1.57	9.8097
4330	4558	-0.54	6.99	-0.29	11.14	0.02	-0.52	-0.34	2.98	-0.48	-1.62	-0.36	2.21	-2.82	2.87	-1.03	-0.53	-12.49	4.66	1.57	9.8440
4331	3034	1.02	-11.03	3.97	0.01	2.45	0.01	-0.94	0.13	5.77	0.93	-1.74	-2.81	4.22	3.22	-1.58	6.52	12.56	-12.87	1.57	9.8452
4332	5519	1.18	1.60	-1.45	0.01	0.71	1.60	-0.94	10.49	-0.37	2.02	-0.28	-1.14	-2.71	4.22	-1.58	-1.30	-7.48	5.27	1.57	9.8490
4333	2400	-0.16	-6.81	1.51	5.58	1.06	0.01	1.56	0.13	-0.34	-0.16	1.49	-2.49	-2.66	0.19	2.30	1.33	10.05	-2.71	1.57	9.8669
4334	751	-0.31	-1.51	1.84	0.01	-1.37	3.72	-0.80	-5.18	2.98	-0.53	-1.49	0.10	2.07	-2.73	-2.14	8.67	12.56	-5.04	1.57	9.8806
4335	5777	-0.46	14.18	-3.71	0.01	0.71	-0.52	-0.94	11.61	-5.61	2.75	0.33	-1.14	-8.60	3.64	-1.03	-3.47	-9.99	12.11	1.57	9.8819
4336	745	-0.26	-7.18	1.34	11.14	-0.33	1.60	-0.80	-3.54	1.91	1.66	-1.86	0.10	-0.15	-1.16	-0.47	2.09	15.06	-9.24	1.57	9.8970
4337	3379	1.04	-4.28	1.86	-5.55	1.75	1.07	-0.34	9.27	2.04	-0.53	2.87	-2.49	0.01	0.70	-2.14	6.23	0.03	-1.68	1.57	9.8973
4338	1550	-0.19	-11.03	3.97	0.01	2.10	1.07	-0.94	-0.94	5.77	1.29	-1.74	-2.81	4.21	1.79	-1.58	6.72	15.06	-12.87	1.57	9.9067
4339	3853	0.97	2.55	1.29	5.58	0.02	0.54	1.56	-0.24	1.85	-0.89	1.09	-2.49	-0.20	-0.66	3.41	-0.07	-2.47	-1.92	1.57	9.9147
4340	3839	0.57	4.45	0.64	11.14	-0.33	1.60	1.56	-2.07	0.34	-2.71	1.26	-2.49	-1.90	-2.16	1.75	3.19	-7.48	2.54	1.57	9.9158
4341	1764	0.49	-2.56	-0.14	16.71	0.36	2.13	-0.34	-0.99	-0.24	1.66	1.54	-2.49	-2.57	-0.81	-0.47	0.23	0.03	-2.60	1.57	9.9414
4342	91	-1.09	0.56	-0.54	5.58	-0.33	2.66	-0.94	-9.01	1.45	-0.16	-1.44	-2.81	-0.66	-0.72	-1.58	6.92	12.56	-0.51	1.57	9.9437
4343	246	-0.56	4.58	1.28	5.58	-0.33	-0.52	-0.34	0.61	1.79	-1.62	0.78	-2.49	-0.26	-3.49	-1.03	0.34	7.55	-1.92	1.57	9.9514
4344	4506	-0.77	13.75	-1.93	11.14	-0.68	-2.11	-0.34	0.89	-2.55	-2.34	0.22	2.21	-5.15	2.54	-1.03	-1.91	-12.			

4350	1630	-0.19	-10.04	3.39	0.01	2.10	2.13	-0.94	-0.94	5.07	0.93	-2.55	-2.81	3.43	1.64	-1.58	6.11	15.06	10.75	10.0806
4351	5569	-1.29	21.39	-4.35	-11.11	0.36	-2.64	-0.94	15.73	-5.43	1.66	2.23	-1.14	-8.39	4.68	-1.03	-1.59	-17.50	19.45	10.0836
4352	3933	0.97	3.53	0.71	5.58	0.02	1.60	1.56	-0.24	1.15	-1.25	0.28	-2.49	-0.98	-0.81	3.41	-0.68	-2.47	0.19	10.0885
4353	3919	0.57	5.43	0.06	11.14	-0.33	2.66	1.56	-2.07	-0.35	-3.07	0.45	-2.49	-2.69	-2.31	1.75	2.58	-7.48	4.66	10.0896
4354	983	1.08	-8.38	1.49	5.58	0.36	2.66	1.56	-3.58	3.76	-1.25	0.05	-2.49	1.92	-3.27	2.86	-1.20	15.06	-6.12	10.0921
4355	905	-1.74	5.60	-0.68	11.14	-1.02	-1.05	1.56	-3.55	-0.97	-2.71	0.28	-2.49	-3.37	-2.81	3.41	-2.62	5.04	6.06	10.0981
4356	4112	1.00	-6.67	1.67	-5.55	0.02	-1.58	1.56	-7.40	0.68	-1.25	1.87	1.30	24.76	-1.34	2.30	-2.37	7.55	-6.44	10.1006
4357	2395	-0.10	0.62	-0.49	11.14	-0.68	3.19	1.56	-3.69	0.71	-1.25	0.90	-2.49	-1.49	-2.43	2.86	2.58	-2.47	1.64	10.1194
4358	326	-0.56	5.57	0.70	5.58	-0.33	0.54	-0.34	0.61	1.10	-1.98	-0.03	-2.49	-1.04	-3.64	-1.03	-0.27	7.55	0.19	10.1252
4359	4962	0.40	-1.59	2.47	0.01	-0.33	1.07	-0.80	0.26	4.09	0.93	-1.81	4.80	2.32	4.17	-1.03	6.19	-2.47	-8.56	10.1271
4360	4303	0.93	-1.08	0.42	5.58	-1.02	3.19	1.09	-6.05	2.59	-0.89	-0.95	0.10	0.63	-0.34	2.86	7.07	0.03	-4.03	10.1348
4361	1039	-1.25	7.22	-2.02	0.01	-0.68	0.01	1.56	0.29	-1.18	-2.34	2.85	-2.49	-3.61	-3.28	2.86	2.48	2.54	7.16	10.1435
4362	5106	-0.15	15.92	-3.27	0.01	0.71	-3.17	-0.94	11.46	-5.09	2.02	0.83	2.09	-8.01	1.28	-1.58	-2.47	-9.99	10.47	10.1436
4363	5294	-0.21	11.61	-3.06	0.01	1.06	-2.11	-0.94	17.11	-4.76	2.38	1.79	2.09	-7.65	1.41	-1.58	-1.83	-15.00	9.82	10.1559
4364	111	-0.50	-1.51	1.86	0.01	0.02	3.72	-0.94	-7.74	3.08	0.20	-1.49	-2.81	1.18	-1.38	-2.69	9.14	15.06	-5.04	10.1816
4365	5321	-0.74	17.33	-5.28	0.01	0.36	-3.70	-0.94	14.80	-7.52	2.38	1.87	2.09	-10.75	2.12	-1.03	-3.66	-15.00	17.82	10.1843
4366	5696	-0.80	17.10	-3.27	0.01	0.36	-1.58	-0.94	9.76	-6.37	2.02	1.83	-1.14	-9.46	3.41	-2.14	-0.54	-12.49	14.42	10.1892
4367	105	-0.45	-7.18	1.36	11.14	1.06	1.60	-0.94	-6.11	2.00	2.38	-1.86	-2.81	-0.05	0.19	-1.03	2.56	17.57	-9.24	10.1979
4368	5884	-0.86	12.79	-3.06	0.01	0.71	-0.52	-0.94	15.41	-6.04	2.38	2.79	-1.14	-9.10	3.54	-2.14	0.09	-17.50	13.76	10.2015
4369	3867	0.34	12.19	-1.58	11.14	-1.02	1.07	1.56	-4.16	-2.42	-3.80	1.03	-2.49	-5.01	-2.63	1.75	1.20	-7.48	10.54	10.2340
4370	4613	1.01	-13.10	2.78	-5.55	1.75	-1.58	-0.34	6.24	3.47	2.75	1.31	2.21	1.64	7.95	-0.47	1.37	5.04	-6.23	10.2575
4371	5042	0.40	-0.60	1.89	0.01	-0.33	2.13	-0.80	0.26	3.40	0.57	-2.62	4.80	1.54	4.02	-1.03	5.58	-2.47	-6.45	10.3009
4372	4383	0.93	-0.09	-0.16	5.58	-1.02	4.25	1.09	-6.05	1.90	-1.25	-1.76	0.10	-0.16	-0.49	2.86	6.46	0.03	-1.92	10.3086
4373	6021	-0.17	4.62	0.49	0.01	1.40	-0.52	-0.94	7.90	1.93	2.38	-1.50	2.65	-0.11	2.98	-1.03	2.09	-9.99	-1.90	10.3133
4374	6007	-0.56	6.52	-0.16	5.58	1.06	0.54	-0.94	6.07	0.42	0.57	-1.33	2.65	-1.81	1.48	-2.69	5.35	-15.00	2.57	10.3143
4375	5669	-0.52	10.46	-3.64	0.01	1.06	-1.05	-0.94	17.26	-5.45	3.11	1.29	-1.14	-8.43	4.97	-1.03	-2.60	-15.00	11.93	10.3167
4376	5186	-0.15	16.91	-3.84	0.01	0.71	-2.11	-0.94	11.46	-5.78	1.66	0.02	2.09	-8.80	1.13	-1.58	-3.07	-9.99	12.59	10.3174
4377	5736	-0.27	13.27	-4.39	0.01	0.36	-1.05	-0.94	9.20	-5.99	3.11	1.47	-1.14	-9.04	4.57	-1.03	-1.36	-9.99	13.51	10.3276
4378	5924	-0.33	8.96	-4.19	0.01	0.71	0.01	-0.94	14.86	-5.67	3.48	2.43	-1.14	-8.67	4.70	-1.03	-0.72	-15.00	12.86	10.3413
4379	5776	-0.80	18.09	-3.84	0.01	0.36	-0.52	-0.94	9.76	-7.06	1.66	1.02	-1.14	-10.24	3.26	-2.14	-1.15	-12.49	16.53	10.3630
4380	5228	1.14	-5.71	0.54	-5.55	2.45	-1.58	-0.94	13.94	-1.43	3.11	0.31	2.09	-3.89	4.31	-2.14	-2.24	5.04	0.91	10.3656
4381	4323	1.51	-3.14	2.82	0.01	-0.68	4.25	1.09	-4.78	4.22	-0.53	-1.00	0.10	2.46	-1.00	1.75	9.30	2.54	-8.56	10.3727
4382	2189	-0.29	-13.06	3.95	0.01	0.71	1.07	-0.80	1.41	5.68	1.66	-1.43	0.10	4.12	1.63	-0.47	6.40	12.56	-12.87	10.3737
4383	1059	-0.66	5.16	0.39	-5.55	-0.33	1.07	1.56	1.56	0.45	-1.98	2.80	-2.49	-1.78	-3.94	1.75	4.71	5.04	2.63	10.3814
4384	4317	1.56	-8.82	2.32	11.14	0.36	2.13	1.09	-3.15	3.15	1.66	-1.37	0.10	1.23	0.56	3.41	2.71	5.04	-12.75	10.3890
4385	1053	-0.62	-0.51	-0.12	5.58	0.71	-1.05	1.56	3.19	-0.63	0.20	2.43	-2.49	-3.01	-2.37	3.41	-1.88	7.55	-1.57	10.3978
4386	5402	-0.17	15.81	-3.27	0.01	0.71	-2.11	-0.94	11.82	-5.09	2.02	0.83	-1.14	-8.01	3.80	-1.58	-2.78	-9.99	10.48	10.4203
4387	505	-0.49	-10.58	1.79	-5.55	0.02	-2.64	-0.34	-4.93	2.08	0.20	1.18	1.30	26.35	-2.61	-0.47	-4.11	20.07	-10.86	10.4241
4388	710	0.03	-6.79	2.30	11.14	0.02	1.07	-0.80	-2.30	3.09	0.93	-1.69	0.10	1.17	-2.27	-1.03	3.13	15.06	-12.75	10.4257
4389	5590	-0.23	11.50	-3.06	0.01	1.06	-1.05	-0.94	17.48	-4.76	2.38	1.79	-1.14	-7.65	3.93	-1.58	-2.14	-15.00	9.82	10.4327
4390	4477	-0.83	3.97	0.29	11.14	0.02	-1.58	-0.34	2.76	0.22	-0.16	0.76	2.21	-2.03	4.20	-0.47	0.23	-12.49	2.54	10.4381
4391	1006	0.40	-11.07	2.77	-5.55	1.06	-1.58	1.56	1.17	3.47	-0.53	1.00	-2.49	1.63	-0.17	2.86	-0.44	22.57	-6.23	10.4463
4392	5957	-0.76	15.97	-4.75	0.01	0.71	-1.58	-0.94	16.19	-6.86	2.38	1.55	-1.14	-10.01	3.38	-1.03	-3.63	-15.00	15.94	10.4514
4393	5617	-0.76	17.22	-5.28	0.01	0.36	-2.64	-0.94	15.17	-7.52	2.38	1.87	-1.14	-10.75	4.64	-1.03	-3.98	-15.00	17.82	10.4611
4394	6101	-0.17	5.61	-0.08	0.01	1.40	0.54	-0.94	7.90	1.23	2.02	-2.31	2.65	-0.89	2.83	-1.03	1.48	-9.99	0.22	10.4871
4395	6087	-0.56	7.51	-0.73	5.58	1.06	1.60	-0.94	6.07	-0.27	0.20	-2.14	2.65	-2.59	1.33	-2.69	4.74	-15.00	4.68	10.4882
4396	489	-1.27	-3.77	0.94	-5.55	1.40	-2.11	-0.34	8.81	1.22	-0.53	1.57	-2.49	-0.90	-0.03	-0.47	1.00	12.56	0.44	10.4924
4397	5822	1.87	1.42	-0.67	5.58	1.75	1.07	-0.94	12.53	-1.23	2.75	-0.76	-1.14	-3.70	2.35	-1.58	-6.85	-2.47	0.54	10.5160
4398	5372	-0.84	14.49	-3.77	0.01	0.71	-2.11	-0.94	15.04	-6.90	2.02	1.98	2.09	-10.07	2.06	-2.14	0.04	-17.50	16.35	10.5210
4399	2347	-0.87	10.56	-0.61	11.14	-1.02	0.54	1.56	-4.21	-1.24	-3.07	1.51	-2.49	-3.68	-3.98	1.75	2.60	-4.98	7.03	10.5368
4400	367	0.59	-12.62	3.11	-5.55	1.06	0.54	-0.34	2.04	3.55	0.57	1.81	-2.49	1.72	-0.05	-2.14	4.90	20.07	-6.23	10.5399
4401	4403	1.51	-2.16	2.24	0.01	-0.68	5.31	1.09	-4.78	3.53	-0.89	-1.81	0.10	1.68	-1.15	1.75	8.69	2.54	-6.45	10.5465
4402	2269	-0.29	-12.07	3.37	0.01	0.71	2.13	-0.80	1.41	4.99	1.29	-2.24	0.10	3.33	1.48	-0.47	5.79	12.56	-10.75	10.5475
4403	1389	-0.80	-1.99	1.50	0.01	-1.37	1.60	1.09	-6.26	2.91	-0.53	-1.98	0.10	0.99	-1.66	3.41	3.48	15.06	-5.04	10.5550
4404	1375	-1.19	-0.09	0.85	5.58	-1.72	2.66	1.09	-8.09	1.40	-2.34	-1.82	0.10	-0.71	-3.16	1.75	6.75	10.05	-0.57	10.5561
4405	4397	1.56	-7.83	1.74	11.14	0.36	3.19	1.09	-3.15	2.45	1.29	-2.18	0.10	0.45	0.41	3.41	2.10	5.04	-10.64	10.5629
4406	2066	-0.10	-2.09	1.38	-5.55	-0.33	-1.58	-0.34	-4.62	2.54	-1.98	-0.07	1.30	26.87	-3.72	-1.03	-3.34	7.55	-4.33	10.5641
4407	5878	-0.46	17.02	-4.18	0.01	0.71	-1.58	-0.94	16.41	-6.17	1.66	2.04	-1.14	-9.24	2.34	-1.58	-3.17	-15.00	13.82	10.5673
4408	5264	1.41	3.73	-0.95	-5.55	0.71	-0.52	-0.94	10.10	-3.07	4.93	2.05	2.09	-5.74	3.54	-2.14	0.68	-4.98	5.22	10.5674
4409	4017	0.56	-4.75	1.53	-5.55	1.75	-1.05	1.56	8.19	1.96	-0.53	2.38	-2.49	-0.07	1.77	3.41	1.04	2.54	-1.68	10.5717
4410	5482	-0.17	16.80	-3.84	0.01	0.71	-1.05	-0.94	11.82	-5.78	1.66	0.02	-1.14	-8.80	3.65	-1.58	-3.39	-9.99	12.59	10.5942
4411	790	0.03	-5.80	1.73	11.14	0.02	2.13	-0.80	-2.30	2.40	0.57	-2.50	0.10	0.39	-2.42	-1.03	2.52	15.06	-10.64	10.5996
4412	3674	1.21																		

4415	3033	0.72	-13.06	3.97	0.01	2.45	0.01	-0.94	-0.09	5.78	2.02	-1.43	-2.81	4.23	4.41	-1.03	6.67	12.56	-12.87	10.6131
4416	870	-1.44	6.00	0.29	11.14	-0.68	-1.58	1.56	-2.31	0.21	-3.43	0.45	-2.49	-2.04	-3.92	2.86	-1.58	5.04	2.54	10.6269
4417	6035	-0.80	14.27	-2.37	5.58	0.36	0.01	-0.94	3.98	-2.34	-0.53	-1.56	2.65	-4.92	1.00	-2.69	3.36	-15.00	10.57	10.6325
4418	5524	1.12	-5.82	0.54	-5.55	2.45	-0.52	-0.94	14.30	-1.43	3.11	0.31	-1.14	-3.89	6.83	-2.14	-2.56	5.04	0.91	10.6424
4419	5320	-1.08	21.25	-5.41	0.01	0.02	-3.70	-0.94	12.95	-8.97	1.29	2.56	2.09	-12.39	1.74	-2.14	-1.34	-17.50	22.24	10.6654
4420	1549	-0.48	-13.06	3.97	0.01	2.10	1.07	-0.94	-1.16	5.77	2.38	-1.43	-2.81	4.22	2.98	-1.03	6.87	15.06	-12.87	10.6746
4421	2427	-0.87	11.55	-1.19	11.14	-1.02	1.60	1.56	-4.21	-1.93	-3.43	0.70	-2.49	-4.47	-4.13	1.75	1.99	-4.98	9.14	10.7106
4422	245	-0.85	2.55	1.28	5.58	-0.33	-0.52	-0.34	0.39	1.80	-0.53	1.09	-2.49	-0.25	-2.31	-0.47	0.49	7.55	-1.92	10.7193
4423	231	-1.25	4.45	0.63	11.14	-0.68	0.54	-0.34	-1.44	0.29	-2.34	1.26	-2.49	-1.95	-3.80	-2.14	3.76	2.54	2.54	10.7204
4424	2712	0.33	-11.14	0.93	-5.55	0.02	-0.52	1.56	-8.01	1.54	0.20	1.18	1.30	25.74	-1.69	3.41	-2.39	12.56	-8.75	10.7260
4425	70	-0.16	-6.79	2.33	11.14	1.40	1.07	-0.94	-4.87	3.18	1.66	-1.69	-2.81	1.28	-0.92	-1.58	3.60	17.57	-12.75	10.7267
4426	5311	-0.78	23.62	-4.97	-11.11	0.02	-3.17	-0.94	13.17	-6.50	0.57	2.24	2.09	-9.61	0.76	-2.69	2.61	-17.50	22.96	10.7415
4427	4505	-1.07	11.71	-1.93	11.14	-0.68	-2.11	-0.34	0.67	-2.55	-1.25	0.53	2.21	-5.14	3.73	-0.47	-1.76	-12.49	10.54	10.7563
4428	3754	1.21	-10.04	3.37	0.01	1.06	2.13	-0.80	2.69	4.99	-0.16	-2.55	0.10	3.33	1.73	-1.03	5.44	10.05	-10.75	10.7735
4429	3113	0.72	-12.07	3.39	0.01	2.45	1.07	-0.94	-0.09	5.09	1.66	-2.24	-2.81	3.45	4.26	-1.03	6.06	12.56	-10.75	10.7869
4430	5668	-0.86	14.38	-3.77	0.01	0.71	-1.05	-0.94	15.41	-6.91	2.02	1.98	-1.14	-10.07	4.58	-2.14	-0.28	-17.50	16.35	10.7978
4431	950	-1.44	6.99	-0.29	11.14	-0.68	-0.52	1.56	-2.31	-0.48	-3.80	-0.36	-2.49	-2.82	-4.07	2.86	-2.19	5.04	4.66	10.8007
4432	5560	1.39	3.62	-0.95	-5.55	0.71	0.54	-0.94	10.47	-3.07	4.93	2.05	-1.14	-5.74	6.06	-2.14	0.36	-4.98	5.22	10.8441
4433	1629	-0.48	-12.07	3.39	0.01	2.10	2.13	-0.94	-1.16	5.08	2.02	-2.24	-2.81	3.44	2.83	-1.03	6.26	15.06	-10.75	10.8485
4434	3884	1.04	-6.81	1.51	5.58	1.40	0.01	1.56	1.19	-0.33	-0.53	1.49	-2.49	-2.66	1.62	2.30	1.12	7.55	-2.71	10.8607
4435	5366	-0.45	18.71	-4.89	0.01	0.71	-3.17	-0.94	16.04	-7.03	1.29	1.23	2.09	-10.21	0.87	-1.58	-3.23	-15.00	16.41	10.8869
4436	325	-0.85	3.53	0.70	5.58	-0.33	0.54	-0.34	0.39	1.10	-0.89	0.28	-2.49	-1.04	-2.45	-0.47	-0.11	7.55	0.19	10.8931
4437	311	-1.25	5.43	0.05	11.14	-0.68	1.60	-0.34	-1.44	-0.40	-2.71	0.45	-2.49	-2.74	-3.95	-2.14	3.15	2.54	4.66	10.8942
4438	4961	0.11	-3.62	2.47	0.01	-0.33	1.07	-0.80	0.05	4.10	2.02	-1.50	4.80	2.33	5.36	-0.47	6.34	-2.47	-8.56	10.8950
4439	4947	-0.29	-1.72	1.82	5.58	-0.68	2.13	-0.80	-1.78	2.59	0.20	-1.33	4.80	0.63	3.86	-2.14	9.60	-7.48	-4.09	10.8961
4440	150	-0.16	-5.80	1.75	11.14	1.40	2.13	-0.94	-4.87	2.49	1.29	-2.50	-2.81	0.50	-1.07	-1.58	2.99	17.57	-10.64	10.9005
4441	504	-0.83	-6.67	1.66	-5.55	-0.33	-2.64	-0.34	-6.78	0.63	-0.89	1.87	1.30	24.71	-2.99	-1.58	-1.80	17.57	-6.44	10.9051
4442	5105	-0.45	13.89	-3.26	0.01	0.71	-3.17	-0.94	11.24	-5.08	3.11	1.14	2.09	-8.00	2.47	-1.03	-2.31	-9.99	10.47	10.9115
4443	5293	-0.50	9.58	-3.06	0.01	1.06	-2.11	-0.94	16.89	-4.76	3.48	2.10	2.09	-7.64	2.60	-1.03	-1.67	-15.00	9.82	10.9238
4444	5956	-1.10	19.89	-4.89	0.01	0.36	-1.58	-0.94	14.34	-8.31	1.29	2.23	-1.14	-11.65	2.99	-2.14	-1.31	-17.50	20.36	10.9325
4445	3248	1.69	-2.56	-0.14	16.71	0.71	2.13	-0.34	0.07	-0.23	1.29	1.54	-2.49	-2.57	0.62	-0.47	0.03	-2.47	-2.60	10.9352
4446	695	-0.90	-1.08	0.41	5.58	-1.37	2.13	-0.80	-5.42	2.54	-0.53	-0.95	0.10	0.58	-1.99	-1.03	7.64	10.05	-4.03	10.9393
4447	5616	-1.10	21.13	-5.41	0.01	0.02	-2.64	-0.94	13.32	-8.97	1.29	2.56	-1.14	-12.40	4.26	-2.14	-1.66	-17.50	22.24	10.9421
4448	898	-1.68	13.75	-1.93	11.14	-1.37	-2.11	1.56	-4.40	-2.55	-4.53	0.22	-2.49	-5.15	-4.39	2.86	-3.57	5.04	10.54	10.9450
4449	2963	1.92	-14.55	2.67	0.01	-0.33	6.37	1.09	-6.41	6.00	2.75	-0.73	0.10	4.43	-0.12	2.86	7.62	10.05	-12.75	10.9984
4450	5607	-0.80	23.50	-4.97	-11.11	0.02	-2.11	-0.94	13.54	-6.50	0.57	2.24	-1.14	-9.61	3.28	-2.69	2.29	-17.50	22.97	11.0182
4451	1092	-0.43	-0.42	-1.38	5.58	0.36	-0.52	1.56	0.78	-1.71	0.20	2.75	-2.49	-4.23	-1.60	3.41	-0.38	7.55	1.95	11.0186
4452	259	-1.49	12.19	-1.59	11.14	-1.37	0.01	-0.34	-3.53	-2.47	-3.43	1.03	-2.49	-5.07	-4.28	-2.14	1.77	2.54	10.54	11.0386
4453	5041	0.11	-2.64	1.89	0.01	-0.33	2.13	-0.80	0.05	3.40	1.66	-2.31	4.80	1.55	5.21	-0.47	5.73	-2.47	-6.45	11.0688
4454	5027	-0.29	-0.74	1.24	5.58	-0.68	3.19	-0.80	-1.78	1.90	-0.16	-2.14	4.80	-0.15	3.71	-2.14	8.99	-7.48	-1.98	11.0699
4455	2872	0.55	-8.73	1.05	11.14	-0.33	3.72	1.09	-6.62	2.06	2.02	-1.05	0.10	0.01	-0.09	3.41	4.42	7.55	-9.24	11.0737
4456	1354	-0.50	-1.59	2.47	0.01	-1.02	1.07	1.09	-5.02	4.09	-1.25	-1.81	0.10	2.32	-2.77	2.86	4.53	15.06	-8.56	11.0837
4457	5185	-0.45	14.88	-3.84	0.01	0.71	-2.11	-0.94	11.24	-5.77	2.75	0.33	2.09	-8.79	2.32	-1.03	-2.92	-9.99	12.59	11.0853
4458	775	-0.90	-0.09	-0.17	5.58	-1.37	3.19	-0.80	-5.42	1.85	-0.89	-1.76	0.10	-0.21	-2.14	-1.03	7.03	10.05	-1.92	11.1132
4459	3879	1.11	0.62	-0.49	11.14	-0.33	3.19	1.56	-2.62	0.72	-1.62	0.90	-2.49	-1.48	-1.00	2.86	2.37	-4.98	1.64	11.1133
4460	2364	-0.16	-8.44	2.48	5.58	1.40	-0.52	1.56	1.15	0.85	0.20	1.97	-2.49	-1.33	0.27	2.30	2.52	10.05	-6.23	11.1635
4461	5662	-0.46	18.60	-4.89	0.01	0.71	-2.11	-0.94	16.41	-7.03	1.29	1.23	-1.14	-10.21	3.39	-1.58	-3.55	-15.00	16.42	11.1636
4462	715	-0.31	-3.14	2.81	0.01	-1.02	3.19	-0.80	-4.16	4.17	-0.16	-1.00	0.10	2.41	-2.65	-2.14	9.87	12.56	-8.56	11.1773
4463	6143	1.28	-10.55	2.33	-11.11	2.79	1.60	-0.94	9.55	3.68	3.48	-0.78	2.65	1.86	5.23	-2.69	6.49	2.54	-6.20	11.1840
4464	5401	-0.46	13.78	-3.26	0.01	0.71	-2.11	-0.94	11.61	-5.08	3.11	1.14	-1.14	-8.01	4.99	-1.03	-2.63	-9.99	10.48	11.1882
4465	709	-0.26	-8.82	2.31	11.14	0.02	1.07	-0.80	-2.52	3.10	2.02	-1.37	0.10	1.18	-1.08	-0.47	3.28	15.06	-12.75	11.1936
4466	5589	-0.52	9.47	-3.06	0.01	1.06	-1.05	-0.94	17.26	-4.76	3.48	2.10	-1.14	-7.64	5.12	-1.03	-1.99	-15.00	9.82	11.2006
4467	4975	-0.53	6.02	-0.40	5.58	-1.37	1.60	-0.80	-3.87	-0.17	-0.89	-1.56	4.80	-2.48	3.38	-2.14	7.61	-7.48	3.91	11.2142
4468	1005	0.10	-13.10	2.78	-5.55	1.06	-1.58	1.56	0.95	3.47	0.57	1.31	-2.49	1.64	1.02	3.41	-0.29	22.57	-6.23	11.2142
4469	2402	0.59	1.02	0.16	16.71	0.36	1.07	1.56	-1.64	-0.31	-0.53	0.42	-2.49	-2.66	-3.10	2.86	-2.73	2.54	-2.60	11.2206
4470	1728	0.49	-4.20	0.83	16.71	0.71	1.60	-0.34	0.03	0.95	2.02	2.03	-2.49	-1.24	-0.74	-0.47	1.43	0.03	-6.12	11.2380
4471	55	-1.09	-1.08	0.43	5.58	0.02	2.13	-0.94	-7.98	2.64	0.20	-0.95	-2.81	0.68	-0.64	-1.58	8.11	12.56	-4.03	11.2403
4472	1434	-0.50	-0.60	1.89	0.01	-1.02	2.13	1.09	-5.02	3.40	-1.62	-2.62	0.10	1.54	-2.91	2.86	3.92	15.06	-6.45	11.2576
4473	6052	-0.09	-4.73	0.71	0.01	2.79	-1.05	-0.94	9.33	-0.26	2.75	-1.10	2.65	-2.56	5.26	-2.14	3.29	0.03	-2.69	11.2593
4474	5827	1.53	5.06	-0.17	-5.55	0.71	3.19	-0.94	10.68	-0.15	1.66	-0.07	-1.14	-2.46	1.97	-2.69	-0.11	-4.98	4.74	11.2675
4475	5821	1.57	-0.62	-0.67	5.58	1.75	1.07	-0.94	12.32	-1.23	3.84	-0.44	-1.14	-3.69	3.53	-1.03	-6.70	-2.47	0.54	11.2839
4476	4470	-0.77	12.11	-0.96	11.14	-0.33	-2.64	-0.34	1.91	-1.37	-1.98	0.70	2.21	-3.81	2.62	-1.03	-0.72	-12.49	7.03	11.2850
4477	2065	-0.40																		

4480	795	-0.31	-2.16	2.23	0.01	-1.02	2.16	4.25	-0.80	-4.16	3.48	-0.53	-1.81	0.10	1.62	-2.80	-2.14	9.26	12.56	6.45	11.3511
4481	5481	-0.46	14.77	-3.84	0.01	0.71	-1.05	-0.94	11.61	-5.78	2.75	0.33	-1.14	-8.79	4.84	-1.03	-3.24	-9.99	12.59	11.3621	Exhibit JP-2
4482	789	-0.26	-7.83	1.73	11.14	0.02	2.13	-0.80	-2.52	2.40	1.66	-2.18	0.10	0.40	-1.23	-0.47	2.67	15.06	-10.64	11.3675	
4483	3673	0.91	-13.06	3.95	0.01	1.06	1.07	-0.80	2.47	5.69	1.29	-1.43	0.10	4.12	3.06	-0.47	6.20	10.05	-12.87	11.3675	
4484	409	-1.27	-4.75	1.52	-5.55	1.40	-2.11	-0.34	8.81	1.91	-0.16	2.38	-2.49	-0.12	0.12	-0.47	1.61	12.56	-1.68	11.3762	
4485	5104	-0.78	17.81	-3.40	0.01	0.36	-3.17	-0.94	9.39	-6.54	2.02	1.83	2.09	-9.65	2.08	-2.14	0.01	-12.49	14.89	11.3925	
4486	869	-1.74	3.97	0.29	11.14	-0.68	-1.58	1.56	-2.53	0.22	-2.34	0.76	-2.49	-2.03	-2.74	3.41	-1.43	5.04	2.54	11.3948	
4487	5292	-0.84	13.50	-3.19	0.01	0.71	-2.11	-0.94	15.04	-6.21	2.38	2.79	2.09	-9.28	2.21	-2.14	0.64	-17.50	14.24	11.4049	
4488	1808	0.49	-3.21	0.25	16.71	0.71	2.66	-0.34	0.03	0.26	1.66	1.22	-2.49	-2.02	-0.89	-0.47	0.82	0.03	-4.01	11.4118	
4489	135	-1.09	-0.09	-0.15	5.58	0.02	3.19	-0.94	-7.98	1.94	-0.16	-1.76	-2.81	-0.10	-0.79	-1.58	7.50	12.56	-1.92	11.4141	
4490	2359	-0.10	-1.02	0.48	11.14	-0.33	2.66	1.56	-2.67	1.90	-0.89	1.38	-2.49	-0.15	-2.35	2.86	3.77	-2.47	-1.88	11.4161	
4491	1986	-0.10	-3.08	1.95	-5.55	-0.33	-1.58	-0.34	-4.62	3.23	-1.62	0.74	1.30	27.65	-3.57	-1.03	-2.73	7.55	-6.44	11.4389	
4492	4550	-0.77	13.10	-1.54	11.14	-0.33	-1.58	-0.34	11.14	1.91	-2.06	-2.34	-0.11	2.21	2.47	-1.03	-1.33	-12.49	9.14	11.4588	
4493	75	-0.50	-3.14	2.83	0.01	0.36	3.19	-0.94	-6.72	4.26	0.57	-1.00	-2.81	2.51	-1.30	-2.69	10.34	15.06	-8.56	11.4782	
4494	69	-0.45	-8.82	2.33	11.14	1.40	1.07	-0.94	-5.09	3.19	2.75	-1.37	-2.81	1.29	0.26	-1.03	3.75	17.57	-12.75	11.4946	
4495	6047	-0.03	2.69	-1.28	5.58	1.06	2.13	-0.94	5.51	0.80	1.66	-1.69	2.65	-1.39	2.64	-1.58	4.54	-12.49	1.67	11.5118	
4496	3831	0.34	10.56	-0.61	11.14	-0.68	0.54	1.56	-3.14	-1.23	-3.43	1.51	-2.49	-3.68	-2.55	1.75	2.39	-7.48	7.03	11.5306	
4497	5144	-0.25	13.98	-4.52	0.01	0.36	-2.64	-0.94	8.83	-6.16	3.11	1.47	2.09	-9.22	3.24	-1.03	-0.81	-9.99	13.99	11.5310	
4498	4744	0.48	-1.07	-0.99	5.58	1.40	0.01	-0.34	7.09	-1.21	2.38	2.43	2.21	-3.67	5.27	-0.47	1.87	-9.99	0.55	11.5324	
4499	3753	0.91	-12.07	3.37	0.01	1.06	2.13	-0.80	2.47	4.99	0.93	-2.24	0.10	3.34	2.91	-0.47	5.59	10.05	-10.75	11.5414	
4500	5332	-0.31	9.67	-4.32	0.01	0.71	-1.58	-0.94	14.49	-5.83	3.48	2.43	2.09	-8.86	3.37	-1.03	-0.17	-15.00	13.33	11.5447	
4501	3550	1.10	-2.09	1.38	-5.55	0.02	-1.58	-0.34	-3.55	2.55	-2.34	-0.07	1.30	26.87	-2.29	-1.03	-3.54	5.04	-4.33	11.5579	
4502	5184	-0.78	18.80	-3.98	0.01	0.36	-2.11	-0.94	9.39	-7.23	1.66	1.02	2.09	-10.43	1.93	-2.14	-0.60	-12.49	17.01	11.5664	
4503	949	-1.74	4.96	-0.29	11.14	-0.68	-0.52	1.56	-2.53	-0.48	-2.71	-0.05	-2.49	-2.82	-2.89	3.41	-2.04	5.04	4.66	11.5686	
4504	2571	-0.16	-2.64	0.90	-5.55	1.06	0.54	1.56	4.93	0.88	-1.25	2.39	4.93	-2.49	-1.29	-1.06	1.75	5.12	5.04	11.5715	
4505	2439	-0.10	-0.03	-0.10	11.14	-0.33	3.72	1.56	-2.67	1.21	-1.25	0.57	-2.49	-0.93	-2.50	2.86	3.16	-2.47	0.24	11.5899	
4506	2632	0.33	-12.13	1.51	-5.55	0.02	-0.52	1.56	-8.01	2.23	0.57	1.99	1.30	26.51	-1.54	3.41	-1.79	12.56	-10.86	11.6008	
4507	1935	0.49	1.61	-0.75	5.58	0.36	2.66	-0.34	3.81	0.98	0.57	2.44	-2.49	-1.20	-2.06	-1.03	4.03	-4.98	1.95	11.6459	
4508	155	-0.50	-2.16	2.25	0.01	0.36	4.25	-0.94	-6.72	3.57	0.20	-1.81	-2.81	1.73	-1.45	-2.69	9.73	15.06	-6.45	11.6520	
4509	5365	-0.74	16.68	-4.88	0.01	0.71	-3.17	-0.94	15.82	-7.02	2.38	1.55	2.09	-10.20	2.05	-1.03	-3.08	-15.00	16.41	11.6548	
4510	276	-0.78	-6.81	1.50	5.58	1.06	-1.05	-0.34	1.82	-0.38	-0.16	1.49	-2.49	-2.71	-0.03	-1.58	1.69	17.57	-2.71	11.6653	
4511	149	-0.45	-7.83	1.75	11.14	1.40	2.13	-0.94	-5.09	2.50	2.38	-2.18	-2.81	0.50	0.11	-1.03	3.14	17.57	-10.64	11.6684	
4512	5400	-0.80	17.70	-3.40	0.01	0.36	-2.11	-0.94	9.76	-6.54	2.02	1.83	-1.14	-9.65	4.60	-2.14	-0.31	-12.49	14.90	11.6693	
4513	5588	-0.86	13.39	-3.19	0.01	0.71	-1.05	-0.94	15.41	-6.21	2.38	2.79	-1.14	-9.29	4.73	-2.14	0.33	-17.50	14.24	11.6816	
4514	3911	0.34	11.55	-1.19	11.14	-0.68	1.60	1.56	-3.14	-1.93	-3.80	0.70	-2.49	-4.46	-2.70	1.75	1.78	-7.48	9.14	11.7045	
4515	897	-1.97	11.71	-1.93	11.14	-1.37	-2.11	1.56	-4.62	-2.55	-3.43	0.53	-2.49	-5.14	-3.21	3.41	-3.42	5.04	10.54	11.7130	
4516	5230	1.89	2.12	-0.81	5.58	1.75	-0.52	-0.94	12.17	-1.40	2.75	-0.76	2.09	-3.89	1.02	-1.58	-6.30	-2.47	1.02	11.7194	
4517	4196	1.53	-11.14	0.94	-5.55	0.36	-0.52	1.56	-6.94	1.55	-0.16	1.18	1.30	25.74	-0.25	3.41	-2.59	10.05	-8.75	11.7198	
4518	2387	-0.34	6.73	-1.74	11.14	-1.02	2.13	1.56	-4.76	-0.86	-1.98	1.15	-2.49	-3.26	-2.82	2.86	1.78	-2.47	6.12	11.7342	
4519	5083	1.55	-18.79	4.31	-11.11	1.06	3.19	-0.80	1.70	5.85	3.11	-0.78	4.80	4.30	7.61	-2.14	10.74	10.05	-12.87	11.7657	
4520	5286	-0.45	17.72	-4.31	0.01	0.71	-3.17	-0.94	16.04	-6.34	1.66	2.04	2.09	-9.42	1.01	-1.58	-2.62	-15.00	14.30	11.7707	
4521	5440	-0.27	13.87	-4.53	0.01	0.36	-1.58	-0.94	9.20	-6.16	3.11	1.47	-1.14	-9.22	5.76	-1.03	-1.13	-9.99	13.99	11.8078	
4522	5968	-0.33	8.31	-3.79	0.01	1.06	0.54	-0.94	15.88	-5.17	3.48	2.10	-1.14	-8.12	4.63	-1.03	-0.13	-15.00	11.45	11.8118	
4523	5876	-1.10	18.90	-4.31	0.01	0.36	-1.58	-0.94	14.34	-7.62	1.66	3.04	-1.14	-10.87	3.14	-2.14	-0.70	-17.50	18.24	11.8163	
4524	5628	-0.33	9.56	-4.32	0.01	0.71	-0.52	-0.94	14.86	-5.83	3.48	2.43	-1.14	-8.86	5.89	-1.03	-0.49	-15.00	13.34	11.8214	
4525	4992	0.18	-12.98	2.69	0.01	1.06	0.54	-0.80	1.48	1.91	2.38	-1.10	4.80	-0.13	7.64	-1.58	7.54	7.55	-9.35	11.8410	
4526	5480	-0.80	18.69	-3.98	0.01	0.36	-1.05	-0.94	9.76	-7.23	1.66	1.02	-1.14	-10.43	4.45	-2.14	-0.92	-12.49	17.01	11.8431	
4527	1353	-0.80	-3.62	2.47	0.01	-1.02	1.07	1.09	-5.24	4.10	-0.16	-1.50	0.10	2.33	-1.58	3.41	4.68	15.06	-8.56	11.8516	
4528	1339	-1.19	-1.72	1.82	5.58	-1.37	2.13	1.09	-7.07	2.59	-1.98	-1.33	0.10	0.63	-3.08	1.75	7.94	10.05	-4.09	11.8527	
4529	271	-0.72	0.62	-0.50	11.14	-0.68	2.13	-0.34	-2.00	0.67	-1.25	0.90	-2.49	-1.53	-2.64	-1.03	2.94	5.04	1.64	11.9178	
4530	5999	-0.80	12.63	-1.41	5.58	0.71	-0.52	-0.94	5.00	-1.15	-0.16	-1.08	2.65	-3.58	1.08	-2.69	4.56	-15.00	7.05	11.9292	
4531	5661	-0.76	16.57	-4.88	0.01	0.71	-2.11	-0.94	16.19	-7.03	2.38	1.55	-1.14	-10.20	4.57	-1.03	-3.39	-15.00	16.42	11.9315	
4532	5916	-0.57	15.07	-5.44	0.01	0.36	-1.05	-0.94	13.79	-7.24	2.75	2.68	-1.14	-10.45	4.30	-1.03	-1.51	-15.00	17.34	11.9561	
4533	2407	0.25	4.66	0.66	5.58	-0.68	3.19	1.56	-3.50	0.77	-1.62	1.10	-2.49	-1.43	-3.48	1.75	4.01	0.03	1.59	11.9722	
4534	2401	0.30	-1.01	0.16	16.71	0.36	1.07	1.56	-1.86	-0.31	0.57	0.73	-2.49	-2.65	-1.92	3.41	-2.58	2.54	-2.60	11.9885	
4535	4447	3.12	-14.55	2.67	0.01	0.02	6.37	1.09	-5.34	6.00	2.38	-0.73	0.10	4.44	1.32	2.86	7.42	7.55	-12.75	11.9922	
4536	5526	1.87	2.01	-0.81	5.58	1.75	0.54	-0.94	12.53	-1.40	2.75	-0.76	-1.14	-3.89	3.54	-1.58	-6.62	-2.47	1.02	11.9961	
4537	1433	-0.80	-2.64	1.89	0.01	-1.02	2.13	1.09	-5.24	3.40	-0.53	-2.31	0.10	1.55	-1.73	3.41	4.07	15.06	-6.45	12.0255	
4538	1419	-1.19	-0.74	1.24	5.58	-1.37	3.19	1.09	-7.07	1.90	-2.34	-2.14	0.10	-0.15	-3.23	1.75	7.33	10.05	-1.98	12.0266	
4539	5907	-0.27	17.44	-5.00	-11.11	0.36	-0.52	-0.94	14.01	-4.77	2.02	2.37	-1.14	-7.67	3.32	-1.58	2.44	-15.00	18.07	12.0322	
4540	5582	-0.46	17.61	-4.31	0.01	0.71	-2.11	-0.94	16.41	-6.34	1.66	2.04	-1.14	-9.43	3.54	-1.58	-				

4545	6079	-0.80	13.62	-1.98	5.58	0.71	0.54	-0.94	5.00	1.85	-0.53	-1.89	2.65	-4.37	0.93	-2.69	3.95	-15.00	9.17	12.1030
4546	5364	-1.08	20.60	-5.02	0.01	0.36	-3.17	-0.94	13.97	-8.48	1.29	2.23	2.09	-11.84	1.67	-2.14	-0.76	-17.50	20.83	12.1359
4547	3848	1.04	-8.44	2.48	5.58	1.75	-0.52	1.56	2.22	0.85	-0.16	1.97	-2.49	-1.32	1.70	2.30	2.32	7.55	-6.23	12.1574
4548	1367	-1.43	6.02	-0.40	5.58	-2.06	1.60	1.09	-9.16	-0.17	-3.07	-1.56	0.10	-2.48	-3.55	1.75	5.95	10.05	3.91	12.1709
4549	5936	0.02	13.01	-3.03	-5.55	0.71	0.01	-0.94	15.05	-5.61	3.11	2.63	-1.14	-8.61	3.64	-2.14	0.71	-12.49	12.81	12.1940
4550	1758	-0.05	-3.22	1.79	5.58	1.06	0.01	-0.34	3.98	2.22	-0.89	0.36	-2.49	0.23	-0.61	-1.03	0.76	7.55	-2.71	12.1991
4551	1946	0.43	0.74	-1.05	-11.11	-0.33	-2.64	-0.34	5.41	-2.36	0.20	3.86	-2.49	21.34	-2.59	-1.03	-5.84	7.55	2.44	12.2067
4552	1985	-0.40	-5.11	1.95	-5.55	-0.33	-1.58	-0.34	-4.84	3.24	-0.53	1.06	1.30	27.65	-2.39	-0.47	-2.58	7.55	-6.44	12.2068
4553	3886	1.80	1.02	0.16	16.71	0.71	1.07	1.56	-0.58	-0.31	-0.89	0.42	-2.49	-2.65	-1.67	2.86	-2.93	0.03	-2.60	12.2145
4554	4549	-1.07	11.07	-1.54	11.14	-0.33	-1.58	-0.34	1.69	-2.05	-1.25	0.21	2.21	-4.59	3.66	-0.47	-1.18	-12.49	9.14	12.2267
4555	3212	1.69	-4.20	0.83	16.71	1.06	1.60	-0.34	1.10	0.96	1.66	2.03	-2.49	-1.23	0.69	-0.47	1.23	-2.47	-6.12	12.2318
4556	862	-1.68	12.11	-0.96	11.14	-1.02	-2.64	1.56	-3.38	-1.37	-4.16	0.70	-2.49	-3.81	-4.32	2.86	-2.38	5.04	7.03	12.2417
4557	4823	0.77	-6.70	1.53	11.14	1.40	2.66	-0.34	-3.27	4.76	0.57	-1.36	6.00	3.06	3.28	-1.03	6.54	-7.48	-9.24	12.2862
4558	4694	-0.07	-1.08	0.55	-5.55	1.75	-2.64	-0.34	11.05	0.75	-0.16	1.58	2.21	-1.42	5.55	-1.03	1.81	-2.47	1.84	12.3197
4559	3549	0.81	-4.12	1.38	-5.55	0.02	-1.58	-0.34	-3.77	2.55	-1.25	0.25	1.30	26.88	-1.10	-0.47	-3.39	5.04	-4.33	12.3258
4560	3928	1.04	-7.45	1.90	5.58	1.75	0.54	1.56	2.22	0.16	-0.53	1.16	-2.49	-2.11	1.55	2.30	1.71	7.55	-4.12	12.3312
4561	223	-1.49	10.56	-0.62	11.14	-1.02	-0.52	-0.34	-2.51	-1.28	-3.07	1.51	-2.49	-3.73	-4.20	-2.14	2.96	2.54	7.03	12.3352
4562	2836	0.55	-10.37	2.02	11.14	0.02	3.19	1.09	-5.60	3.25	2.38	-0.56	0.10	1.35	-0.01	3.41	5.61	7.55	-12.75	12.3704
4563	5838	0.61	8.03	-1.52	0.01	0.36	0.01	-0.94	11.41	-1.92	2.38	0.60	-1.14	-4.44	3.64	-1.58	-2.37	-9.99	9.21	12.3717
4564	3292	1.69	-3.21	0.25	16.71	1.06	2.66	-0.34	1.10	0.26	1.29	1.22	-2.49	-2.01	0.55	-0.47	0.62	-2.47	-4.01	12.4057
4565	3843	1.11	-1.02	0.48	11.14	0.02	2.66	1.56	-1.60	1.91	-1.25	1.38	-2.49	-0.14	-0.92	2.86	3.57	-4.98	-1.88	12.4099
4566	5660	-1.10	20.49	-5.02	0.01	0.36	-2.11	-0.94	14.34	-8.48	1.29	2.23	-1.14	-11.84	4.19	-2.14	-1.08	-17.50	20.84	12.4126
4567	942	-1.68	13.10	-1.54	11.14	-1.02	-1.58	1.56	-3.38	-2.06	-4.53	-0.11	-2.49	-4.60	-4.47	2.86	-2.99	5.04	9.14	12.4155
4568	4664	0.48	-2.06	-0.41	5.58	1.40	0.01	-0.34	7.09	-0.52	2.75	3.24	2.21	-2.89	5.42	-0.47	2.48	-9.99	-1.57	12.4162
4569	3470	1.10	-3.08	1.95	-5.55	0.02	-1.58	-0.34	-3.55	3.24	-1.98	0.74	1.30	27.65	-2.14	-1.03	-2.93	5.04	-6.44	12.4328
4570	5235	1.55	5.76	-0.30	-5.55	0.71	1.60	-0.94	10.31	-0.32	1.66	-0.07	2.09	-2.65	0.64	-2.69	0.44	-4.98	5.22	12.4709
4571	5229	1.59	0.09	-0.80	5.58	1.75	-0.52	-0.94	11.95	-1.40	3.84	-0.44	2.09	-3.88	2.21	-1.03	-6.15	-2.47	1.02	12.4873
4572	1136	-0.43	-1.07	-0.99	5.58	0.71	0.01	1.56	1.81	-1.21	0.20	2.43	-2.49	-3.67	-1.67	3.41	0.21	7.55	0.55	12.4891
4573	303	-1.49	11.55	-1.20	11.14	-1.02	0.54	-0.34	-2.51	-1.98	-3.43	0.70	-2.49	-4.51	-4.35	-2.14	2.35	2.54	9.14	12.5090
4574	4939	-0.53	4.39	0.57	5.58	-1.02	1.07	-0.80	-2.85	1.02	-0.53	-1.08	4.80	-1.14	3.46	-2.14	8.81	-7.48	0.39	12.5109
4575	2366	0.59	-0.62	1.13	16.71	0.71	0.54	1.56	-0.62	0.87	-0.16	0.90	-2.49	-1.32	-3.02	2.86	-1.54	2.54	-6.12	12.5173
4576	588	-0.29	-11.14	0.92	-5.55	0.02	-1.58	-0.34	-6.31	1.50	0.20	1.18	1.30	25.69	-1.90	-0.47	-2.02	20.07	-8.75	12.5244
4577	5285	-0.74	15.69	-4.31	0.01	0.71	-3.17	-0.94	15.82	-6.33	2.75	2.36	2.09	-9.42	2.20	-1.03	-2.47	-15.00	14.30	12.5386
4578	2916	0.55	-9.38	1.45	11.14	0.02	4.25	1.09	-5.60	2.56	2.02	-1.37	0.10	0.56	-0.16	3.41	5.00	7.55	-10.64	12.5442
4579	6016	-0.09	-6.37	1.68	0.01	3.14	-1.58	-0.94	10.35	0.93	3.11	-0.62	2.65	-1.23	5.33	-2.14	4.48	0.03	-6.20	12.5559
4580	4055	1.04	-2.64	0.90	-5.55	1.40	0.54	1.56	6.00	0.89	-1.62	2.39	-2.49	-1.29	0.37	1.75	4.92	2.54	1.84	12.5653
4581	3923	1.11	-0.03	-0.10	11.14	0.02	3.72	1.56	-1.60	1.21	-1.62	0.57	-2.49	-0.93	-1.07	2.86	2.96	-4.98	0.24	12.5837
4582	4116	1.53	-12.13	1.51	-5.55	0.36	-0.52	1.56	-6.94	2.24	0.20	1.99	1.30	26.52	-0.10	3.41	-1.99	10.05	-10.86	12.5947
4583	6054	0.66	3.10	-0.63	11.14	2.10	0.01	-0.94	7.56	-0.23	2.38	-2.17	2.65	-2.56	1.96	-1.58	-0.77	-7.48	-2.57	12.6130
4584	3419	1.69	1.61	-0.74	5.58	0.71	2.66	-0.34	4.88	0.99	0.20	2.44	-2.49	-1.20	-0.63	-1.03	3.83	-7.48	1.95	12.6398
4585	5700	-0.27	11.64	-3.42	0.01	0.71	-0.52	-0.94	10.22	-4.81	3.48	1.95	-1.14	-7.70	4.65	-1.03	-0.17	-9.99	10.00	12.6832
4586	5019	-0.53	5.38	-0.01	5.58	-1.02	2.13	-0.80	-2.85	0.32	-0.89	-1.89	4.80	-1.93	3.31	-2.14	8.20	-7.48	2.50	12.6847
4587	2446	0.59	0.37	0.55	16.71	0.71	1.60	1.56	-0.62	0.18	-0.53	0.09	-2.49	-2.11	-3.17	2.86	-2.15	2.54	-4.01	12.6911
4588	5888	-0.33	7.33	-3.22	0.01	1.06	0.54	-0.94	15.88	-4.48	3.84	2.91	-1.14	-7.34	4.78	-1.03	0.47	-15.00	9.34	12.6956
4589	4530	0.35	6.22	0.32	5.58	0.02	0.01	-0.34	2.62	0.64	-0.53	0.29	2.21	-1.56	3.12	-1.03	0.69	-7.48	1.59	12.7204
4590	1475	0.65	-18.79	4.31	-11.11	0.36	3.19	1.09	-3.59	5.85	0.93	-0.78	0.10	4.30	0.67	1.75	9.08	27.58	-12.87	12.7224
4591	3871	0.87	6.73	-1.74	11.14	-0.68	2.13	1.56	-3.69	-0.86	-2.34	1.15	-2.49	-3.25	-1.39	2.86	1.58	-4.98	6.12	12.7281
4592	6096	-0.09	-5.38	1.11	0.01	3.14	-0.52	-0.94	10.35	0.24	2.75	-1.43	2.65	-2.01	5.18	-2.14	3.87	0.03	-4.09	12.7298
4593	5531	1.53	5.65	-0.30	-5.55	0.71	2.66	-0.94	10.68	-0.32	1.66	-0.07	-1.14	-2.65	3.16	-2.69	0.12	-4.98	5.22	12.7477
4594	5525	1.57	-0.02	-0.80	5.58	1.75	0.54	-0.94	12.32	-1.40	3.84	-0.44	-1.14	-3.88	4.73	-1.03	-6.47	-2.47	1.02	12.7640
4595	839	1.30	-14.55	2.66	0.01	-0.33	5.31	-0.80	-4.71	5.95	2.75	-0.73	0.10	4.39	-0.33	-1.03	7.99	17.57	-12.75	12.7968
4596	1384	-0.72	-12.98	2.69	0.01	0.36	0.54	1.09	-3.81	1.91	0.20	-1.10	0.10	-0.13	0.70	2.30	5.88	25.08	-9.35	12.7977
4597	6011	-0.03	1.05	-0.31	5.58	1.40	1.60	-0.94	6.53	1.99	2.02	-1.21	2.65	-0.05	2.71	-1.58	5.73	-12.49	-1.85	12.8084
4598	5581	-0.76	15.58	-4.31	0.01	0.71	-2.11	-0.94	16.19	-6.33	2.75	2.36	-1.14	-9.42	4.72	-1.03	-2.79	-15.00	14.30	12.8154
4599	4834	0.71	-7.56	1.22	-5.55	0.71	-2.64	-0.34	-1.67	1.42	0.20	0.06	6.00	25.60	2.75	-1.03	-3.33	5.04	-8.75	12.8470
4600	5780	-0.27	12.63	-4.00	0.01	0.71	0.54	-0.94	10.22	-5.50	3.11	1.14	-1.14	-8.48	4.50	-1.03	-0.78	-9.99	12.11	12.8571
4601	748	-0.07	-8.73	1.04	11.14	-0.33	2.66	-0.80	-4.93	2.02	2.02	-1.05	0.10	-0.04	-0.31	-0.47	4.78	15.06	-9.24	12.8721
4602	5830	0.38	14.14	-2.77	0.01	0.02	-2.11	-0.94	10.34	-3.49	1.66	0.85	-1.14	-6.21	3.24	-1.58	-3.16	-9.99	13.69	12.9378
4603	5867	-0.80	21.27	-3.87	-11.11	0.36	0.01	-0.94	14.56	-5.15	0.93	2.73	-1.14	-8.09	2.16	-2.69	3.25	-17.50	18.97	12.9514
4604	240	-0.78	-8.44	2.47	5.58	1.40	-1.58	-0.34	2.84	0.80	0.20	1.97	-2.49	-1.37	0.05	-1.58	2.89	17.57	-6.23	12.9620
4605	3891	1.46	4.66	0.67	5.58	-0.33	3.19	1.56	-2.43	0.77	-1.98	1.10	-2.49	-1.42	-2.05	1.75	3.80	-2.47	1.59	12.9660
4606	1757	-0.35	-5.25	1.79	5.58	1.06	0.01	-0.34	3.76	2.23	0.20	0.68	-2.49	0.24	0.58	-0.47	0.91	7.55	-2.71	12.9670
4607	1945	0.13	-1.29	-1.																

4610	861	-1.97	10.08	-0.96	11.14	-1.02	-2.64	1.56	-3.60	1.36	-3.07	1.02	-2.49	-3.80	-3.13	3.41	-2.23	5.04	7.03	13.0096
4611	5376	-0.31	9.02	-3.93	0.01	1.06	-1.05	-0.94	15.51	-5.34	3.48	2.10	2.09	-8.31	3.30	-1.03	0.42	-15.00	11.93	13.0151
4612	278	-0.03	1.02	0.15	16.71	0.36	0.01	-0.34	0.05	-0.36	-0.53	0.42	-2.49	-2.71	-3.32	-1.03	-2.37	10.05	-2.60	13.0190
4613	5284	-1.08	19.61	-4.44	0.01	0.36	-3.17	-0.94	13.97	-7.79	1.66	3.04	2.09	-11.06	1.82	-2.14	-0.15	-17.50	18.72	13.0197
4614	2351	-0.34	5.09	-0.77	11.14	-0.68	1.60	1.56	-3.74	0.32	-1.62	1.64	-2.49	-1.92	-2.75	2.86	2.97	-2.47	2.61	13.0309
4615	2615	-0.16	-3.29	1.29	-5.55	1.40	1.07	1.56	5.95	1.37	-1.25	2.06	-2.49	-0.74	-1.13	1.75	5.71	5.04	0.44	13.0419
4616	1379	-0.66	-5.55	0.70	5.58	-1.37	3.72	1.09	-7.62	2.97	-0.89	-1.69	0.10	1.05	-1.92	2.86	7.13	12.56	-4.99	13.0502
4617	4693	-0.36	-3.12	0.56	-5.55	1.75	-2.64	-0.34	10.83	0.76	0.93	1.89	2.21	-1.42	6.73	-0.47	1.96	-2.47	1.84	13.0876
4618	199	1.11	-14.55	2.68	0.01	1.06	5.31	-0.94	-7.27	6.05	3.48	-0.73	-2.81	4.49	1.02	-1.58	8.46	20.07	-12.75	13.0978
4619	1979	0.49	0.96	-0.35	5.58	0.71	3.19	-0.34	4.83	1.48	0.57	2.12	-2.49	-0.65	-2.13	-1.03	4.61	-4.98	0.55	13.1164
4620	6039	-0.27	8.80	-2.53	5.58	0.71	1.07	-0.94	4.44	-0.78	0.93	-1.44	2.65	-3.16	2.24	-1.58	3.74	-12.49	6.15	13.1266
4621	320	-0.78	-7.45	1.89	5.58	1.40	-0.52	-0.34	2.84	0.11	-0.16	1.16	-2.49	-2.16	-0.10	-1.58	2.28	17.57	-4.12	13.1358
4622	4956	0.18	-14.61	3.66	0.01	1.40	0.01	-0.80	2.50	3.10	2.75	-0.62	4.80	1.21	7.71	-1.58	8.73	7.55	-12.87	13.1376
4623	5837	0.32	6.00	-1.52	0.01	0.36	0.01	-0.94	11.19	-1.91	3.48	0.91	-1.14	-4.44	4.82	-1.03	-2.22	-9.99	9.21	13.1396
4624	5324	-0.55	15.78	-5.57	0.01	0.36	-2.64	-0.94	13.42	-7.41	2.75	2.68	2.09	-10.63	2.97	-1.03	-0.96	-15.00	17.82	13.1595
4625	108	-0.26	-8.73	1.07	11.14	1.06	2.66	-0.94	-7.49	2.11	2.75	-1.05	-2.81	0.07	1.04	-1.03	5.25	17.57	-9.24	13.1731
4626	941	-1.97	11.07	-1.54	11.14	-1.02	-1.58	1.56	-3.60	-2.05	-3.43	0.21	-2.49	-4.59	-3.28	3.41	-2.84	5.04	9.14	13.1834
4627	3242	1.15	-3.22	1.79	5.58	1.40	0.01	-0.34	5.05	2.23	-1.25	0.36	-2.49	0.23	0.82	-1.03	0.56	5.04	-2.71	13.1929
4628	4994	0.93	-5.15	1.34	11.14	0.36	1.60	-0.80	-0.29	1.94	2.02	-2.17	4.80	-0.12	4.34	-1.03	3.48	0.03	-9.24	13.1947
4629	3430	1.63	0.74	-1.05	-11.11	0.02	-2.64	-0.34	6.48	-2.35	-0.16	3.86	-2.49	21.35	-1.16	-1.03	-6.04	5.04	2.44	13.2005
4630	3469	0.81	-5.11	1.96	-5.55	0.02	-1.58	-0.34	-3.77	3.25	-0.89	1.06	1.30	27.66	-0.95	-0.47	-2.78	5.04	-6.44	13.2007
4631	2431	-0.34	6.08	-1.35	11.14	-0.68	2.66	1.56	-3.74	-0.37	-1.98	0.83	-2.49	-2.71	-2.90	2.86	2.37	-2.47	4.72	13.2047
4632	235	-0.72	-1.02	0.47	11.14	-0.33	1.60	-0.34	-0.97	1.86	-0.89	1.38	-2.49	-0.19	-2.57	-1.03	4.14	5.04	-1.88	13.2145
4633	5315	-0.25	18.15	-5.13	-11.11	0.36	-2.11	-0.94	13.64	-4.94	2.02	2.37	2.09	-7.85	2.00	-1.58	2.99	-15.00	18.54	13.2356
4634	1215	-0.13	-6.70	1.53	11.14	0.71	2.66	1.56	-8.56	4.76	-1.62	-1.36	1.30	3.06	-3.66	2.86	4.88	10.05	-9.24	13.2429
4635	2371	0.25	3.03	1.63	5.58	-0.33	2.66	1.56	-2.47	1.95	-1.25	1.59	-2.49	-0.09	-3.41	1.75	5.20	0.03	-1.92	13.2688
4636	5355	-0.78	22.97	-4.58	-11.11	0.36	-1.58	-0.94	14.19	-6.01	0.57	1.92	2.09	-9.06	0.69	-2.69	3.19	-17.50	21.56	13.2709
4637	1086	-0.97	-1.08	0.55	-5.55	1.06	-2.64	1.56	5.76	0.75	-2.34	1.58	-2.49	-1.43	-1.39	2.86	0.15	15.06	1.84	13.2763
4638	2365	0.30	-2.65	1.13	16.71	0.71	0.54	1.56	-0.84	0.88	0.93	1.22	-2.49	-1.32	-1.84	3.41	-1.39	2.54	-6.12	13.2852
4639	5672	-0.33	8.91	-3.93	0.01	1.06	0.01	-0.94	15.88	-5.34	3.48	2.10	-1.14	-8.31	5.82	-1.03	0.10	-15.00	11.93	13.2919
4640	5580	-1.10	19.50	-4.44	0.01	0.36	-2.11	-0.94	14.34	-7.79	1.66	3.04	-1.14	-11.06	4.34	-2.14	-0.47	-17.50	18.72	13.2964
4641	5036	0.18	-13.62	3.08	0.01	1.40	1.07	-0.80	2.50	2.41	2.38	-1.43	4.80	0.43	7.56	-1.58	8.12	7.55	-10.75	13.3115
4642	2866	0.00	-9.39	2.99	0.01	0.36	1.60	1.09	-1.65	4.52	-0.53	-2.23	0.10	2.81	0.12	2.86	4.94	15.06	-9.35	13.3315
4643	4320	1.75	-10.37	2.02	11.14	0.36	3.19	1.09	-4.53	3.26	2.02	-0.56	0.10	1.35	1.42	3.41	5.41	5.04	-12.75	13.3642
4644	6059	0.32	6.74	-0.13	0.01	1.06	2.13	-0.94	5.71	0.85	1.29	-1.49	2.65	-1.33	1.58	-2.69	5.97	-9.99	1.62	13.3645
4645	447	-0.78	-2.64	0.89	-5.55	1.06	-0.52	-0.34	6.63	0.84	-1.25	2.39	-2.49	-1.34	-1.27	-2.14	5.49	12.56	1.84	13.3699
4646	1056	-0.43	-2.06	-0.41	5.58	0.71	0.01	1.56	1.81	-0.52	0.57	3.24	-2.49	-2.89	-1.52	3.41	0.82	7.55	-1.57	13.3729
4647	6053	0.36	1.06	-0.63	11.14	2.10	0.01	-0.94	7.34	-0.22	3.48	-1.86	2.65	-2.55	3.15	-1.03	-0.62	-7.48	-2.57	13.3809
4648	315	-0.72	-0.03	-0.11	11.14	-0.33	2.66	-0.34	-0.97	1.16	-1.25	0.57	-2.49	-0.98	-2.72	-1.03	3.53	5.04	0.24	13.3883
4649	4951	0.24	-7.19	1.66	5.58	-0.33	3.19	-0.80	-1.32	4.15	1.66	-1.21	4.80	2.39	5.09	-1.03	9.98	-4.98	-8.51	13.3901
4650	5344	0.04	13.72	-3.17	-5.55	0.71	-1.58	-0.94	14.68	-5.78	3.11	2.63	2.09	-8.80	2.32	-2.14	1.26	-12.49	13.29	13.3974
4651	508	-0.29	-12.13	1.50	-5.55	0.02	-1.58	-0.34	-6.31	2.19	0.57	1.99	1.30	26.47	-1.75	-0.47	-1.42	20.07	-10.86	13.3992
4652	2227	0.19	-10.94	3.32	0.01	0.36	3.72	-0.80	-0.78	4.60	0.57	-1.42	0.10	2.90	0.23	-2.14	10.28	12.56	-9.35	13.4250
4653	5960	-0.57	14.43	-5.04	0.01	0.71	-0.52	-0.94	14.81	-6.75	2.75	2.36	-1.14	-9.89	4.23	-1.03	-0.93	-15.00	15.94	13.4266
4654	5620	-0.57	15.67	-5.57	0.01	0.36	-1.58	-0.94	13.79	-7.41	2.75	2.68	-1.14	-10.64	5.50	-1.03	-1.28	-15.00	17.82	13.4362
4655	2451	0.25	4.01	1.06	5.58	-0.33	3.72	1.56	-2.47	1.26	-1.62	0.78	-2.49	-0.87	-3.56	1.75	4.59	0.03	0.19	13.4426
4656	1944	-0.21	2.63	-1.18	-11.11	-0.68	-2.64	-0.34	3.34	-3.81	0.20	4.86	-2.49	19.71	-1.79	-1.58	-3.37	5.04	6.86	13.4556
4657	2445	0.30	-1.66	0.55	16.71	0.71	1.60	1.56	-0.84	0.19	0.57	0.41	-2.49	-2.10	-1.99	3.41	-2.00	2.54	-4.01	13.4590
4658	1331	-1.43	4.39	0.57	5.58	-1.72	1.07	1.09	-8.14	1.01	-2.71	-1.08	0.10	-1.14	-3.48	1.75	7.15	10.05	0.39	13.4676
4659	4529	0.05	4.18	0.32	5.58	0.02	0.01	-0.34	2.40	0.65	0.57	0.61	2.21	-1.55	4.31	-0.47	0.84	-7.48	1.59	13.4883
4660	4515	-0.35	6.08	-0.33	11.14	-0.33	1.07	-0.34	0.57	-0.86	-1.25	0.77	2.21	-3.25	2.81	-2.14	4.11	-12.49	6.06	13.4894
4661	1722	-0.05	-4.86	2.76	5.58	1.40	-0.52	-0.34	5.00	3.41	-0.53	0.85	-2.49	1.56	-0.53	-1.03	1.95	7.55	-6.23	13.4957
4662	3850	1.80	-0.62	1.13	16.71	1.06	0.54	1.56	0.45	0.88	-0.53	0.90	-2.49	-1.32	-1.59	2.86	-1.74	0.03	-6.12	13.5111
4663	5611	-0.27	18.04	-5.13	-11.11	0.36	-1.05	-0.94	14.01	-4.94	2.02	2.37	-1.14	-7.85	4.52	-1.58	2.67	-15.00	18.55	13.5123
4664	263	-0.95	6.73	-1.75	11.14	-1.02	1.07	-0.34	-3.06	-0.91	-1.98	1.15	-2.49	-3.30	-3.04	-1.03	2.15	5.04	6.12	13.5327
4665	4400	1.75	-9.38	1.45	11.14	0.36	4.25	1.09	-4.53	2.56	1.66	-1.37	0.10	0.57	1.27	3.41	4.80	5.04	-10.64	13.5380
4666	5651	-0.80	22.85	-4.58	-11.11	0.36	-0.52	-0.94	14.56	-6.01	0.57	1.92	-1.14	-9.06	3.21	-2.69	2.88	-17.50	21.56	13.5477
4667	5031	0.24	-6.20	1.09	5.58	-0.33	4.25	-0.80	-1.32	3.46	1.29	-2.02	4.80	1.61	4.95	-1.03	9.37	-4.98	-6.40	13.5640
4668	5246	0.63	8.74	-1.65	0.01	0.36	-1.58	-0.94	11.04	-2.09	2.38	0.60	2.09	-4.63	2.31	-1.58	-1.82	-9.99	9.68	13.5750
4669	4787	0.77	-8.33	2.49	11.14	1.75	2.13	-0.34	-2.25	5.95	0.93	-0.88	6.00	4.39	3.36	-1.03	7.73	-7.48	-12.75	13.5829
4670	4833	0.42	-9.60	1.23	-5.55	0.71	-2.64	-0.34	-1.89	1.42	1.29	0.37	6.00	25.61	3.93	-0.47	-3.18	5.04	-8.75	13.6149
4671	1411	-1.43	5.38	-0.01	5.58	-1.72	2.13	1.09	-8.14	0.32	-3.07	-1.89	0.10	-1.93	-3.63	1.75	6.54	10.05	2.50	13.6414
4672	3071	1.21	-1																	

4675	5640	0.02	13.60	-3.17	-5.55	0.71	-0.52	-0.94	15.05	5.78	3.11	-0.94	2.63	-1.14	-8.80	4.84	-2.14	0.94	-12.49	13.29	13.6741
4676	922	-0.56	6.22	0.32	5.58	-0.68	0.01	1.56	-2.67	0.64	-2.71	1.56	0.29	-2.49	-1.56	-3.82	2.86	-0.97	10.05	1.59	13.6771
4677	3930	1.80	0.37	0.55	16.71	1.06	1.60	1.56	0.45	0.18	-0.89	0.09	0.09	-2.49	-2.10	-1.74	2.86	-2.35	0.03	-4.01	13.6849
4678	5829	0.08	12.11	-2.77	0.01	0.02	-2.11	-0.94	10.12	-3.49	2.75	1.17	1.17	-1.14	-6.20	4.42	-1.03	-3.01	-9.99	13.69	13.7057
4679	4979	0.01	0.56	-0.55	5.58	-1.02	2.66	-0.80	-3.41	1.39	0.57	-1.44	4.80	-0.72	4.62	-1.03	7.99	-4.98	-0.51		13.7083
4680	4754	0.71	-8.55	1.80	-5.55	0.71	-2.64	-0.34	-1.67	2.11	0.57	0.87	6.00	26.38	2.90	-1.03	-2.72	5.04	-10.86		13.7218
4681	1587	0.00	-10.94	3.35	0.01	1.75	3.72	-0.94	-3.35	4.70	1.29	-1.42	-2.81	3.00	1.58	-2.69	10.75	15.06	-9.35		13.7259
4682	4867	0.77	-7.35	1.92	11.14	1.75	3.19	-0.34	-2.25	5.25	0.57	-1.69	6.00	3.61	3.21	-1.03	7.12	-7.48	-10.64		13.7567
4683	283	-0.37	4.66	0.65	5.58	-0.68	2.13	-0.34	-1.80	0.72	-1.62	1.10	-2.49	-1.47	-3.70	-2.14	4.37	7.55	1.59		13.7706
4684	277	-0.32	-1.01	0.15	16.71	0.36	0.01	-0.34	-0.17	-0.35	0.57	0.73	-2.49	-2.70	-2.13	-0.47	-2.21	10.05	-2.60		13.7869
4685	4738	-0.07	-1.73	0.95	-5.55	2.10	-2.11	-0.34	12.07	1.25	-0.16	1.25	2.21	-0.87	5.48	-1.03	2.39	-2.47	0.44		13.7901
4686	1226	-0.19	-7.56	1.22	-5.55	0.02	-2.64	1.56	-6.96	1.42	-1.98	0.06	1.30	25.60	-4.19	2.86	-4.99	22.57	-8.75		13.8037
4687	2495	1.86	-8.38	1.48	5.58	0.36	3.72	1.56	-3.03	3.73	1.66	1.86	-2.49	1.89	-1.09	2.86	3.33	5.04	-6.12		13.8382
4688	5542	0.61	8.62	-1.65	0.01	0.36	-0.52	-0.94	11.41	-2.09	2.38	0.60	-1.14	-4.63	4.83	-1.58	-2.14	-9.99	9.69		13.8518
4689	5108	-0.25	12.34	-3.56	0.01	0.71	-2.11	-0.94	9.85	-4.97	3.48	1.95	2.09	-7.89	3.32	-1.03	0.38	-9.99	10.47		13.8866
4690	5296	-0.31	8.03	-3.35	0.01	1.06	-1.05	-0.94	15.51	-4.65	3.84	2.91	2.09	-7.52	3.45	-1.03	1.02	-15.00	9.82		13.8990
4691	6018	0.66	1.46	0.33	11.14	2.45	-0.52	-0.94	8.58	0.96	2.75	-1.69	2.65	-1.22	2.04	-1.58	0.42	-7.48	-6.09		13.9096
4692	2535	-0.16	-4.28	1.87	-5.55	1.40	1.07	1.56	5.95	2.07	-0.89	2.87	-2.49	0.04	-0.98	1.75	6.31	5.04	-1.68		13.9258
4693	4999	0.59	-1.51	1.85	0.01	-0.68	3.72	-0.80	-2.14	3.02	0.93	-1.49	4.80	1.11	3.96	-2.14	10.22	-2.47	-5.04		13.9462
4694	3241	0.85	-5.25	1.80	5.58	1.40	0.01	-0.34	4.83	2.24	-0.16	0.68	-2.49	0.24	2.01	-0.47	0.71	5.04	-2.71		13.9608
4695	4993	0.64	-7.18	1.35	11.14	0.36	1.60	-0.80	-0.51	1.95	3.11	-1.86	4.80	-0.11	5.53	-0.47	3.63	0.03	-9.24		13.9626
4696	3429	1.34	-1.29	-1.04	-11.11	0.02	-2.64	-0.34	6.26	-2.35	0.93	4.18	-2.49	21.36	0.02	-0.47	-5.89	5.04	2.44		13.9684
4697	1899	0.49	-0.03	0.22	5.58	0.71	3.19	-0.34	4.83	2.17	0.93	2.93	-2.49	0.13	-1.98	-1.03	5.22	-4.98	-1.57		14.0002
4698	4494	0.35	4.58	1.28	5.58	0.36	-0.52	-0.34	3.64	1.83	-0.16	0.78	2.21	-0.22	3.20	-1.03	1.88	-7.48	-1.92		14.0170
4699	3835	0.87	5.09	-0.77	11.14	-0.33	1.60	1.56	-2.67	0.33	-1.98	1.64	-2.49	-1.92	-1.32	2.86	2.77	-4.98	2.61		14.0247
4700	4099	1.04	-3.29	1.30	-5.55	1.75	1.07	1.56	7.02	1.38	-1.62	2.06	-2.49	-0.73	0.30	1.75	5.50	2.54	0.44		14.0358
4701	1085	-1.27	-3.12	0.56	-5.55	1.06	-2.64	1.56	5.54	0.76	-1.25	1.89	-2.49	-1.42	-0.21	3.41	0.30	15.06	1.84		14.0443
4702	5188	-0.25	13.33	-4.13	0.01	0.71	-1.05	-0.94	9.85	-5.67	3.11	1.14	2.09	-8.67	3.17	-1.03	-0.23	-9.99	12.59		14.0605
4703	6098	0.66	2.45	-0.24	11.14	2.45	0.54	-0.94	8.58	0.26	2.38	-2.50	2.65	-2.01	1.89	-1.58	-0.19	-7.48	-3.98		14.0835
4704	1348	-0.72	-14.61	3.66	0.01	0.71	0.01	1.09	-2.79	3.10	0.57	-0.62	0.10	1.21	0.77	2.30	7.07	25.08	-12.87		14.0943
4705	4832	0.08	-5.68	1.09	-5.55	0.36	-2.64	-0.34	-3.74	-0.03	0.20	1.06	6.00	23.97	3.55	-1.58	-0.86	2.54	-4.33		14.0959
4706	2865	-0.29	-11.42	2.99	0.01	0.36	1.60	1.09	-1.87	4.53	0.57	-1.91	0.10	2.82	1.30	3.41	5.09	15.06	-9.35		14.0994
4707	3463	1.69	0.96	-0.35	5.58	1.06	3.19	-0.34	5.90	1.48	0.20	2.12	-2.49	-0.64	-0.70	-1.03	4.41	-7.48	0.55		14.1102
4708	1866	0.43	-0.25	-0.47	-11.11	-0.33	-1.58	-0.34	5.41	-1.67	0.57	4.67	-2.49	22.12	-2.44	-1.03	-5.23	7.55	0.32		14.1392
4709	5238	0.39	14.85	-2.90	0.01	0.02	-3.70	-0.94	9.97	-3.66	1.66	0.85	2.09	-6.40	1.91	-1.58	-2.61	-9.99	14.17		14.1412
4710	1386	0.03	-5.15	1.34	11.14	-0.33	1.60	1.09	-5.58	1.94	-0.16	-2.17	0.10	-0.12	-2.59	2.86	1.82	17.57	-9.24		14.1514
4711	5275	-0.78	21.98	-4.01	-11.11	0.36	-1.58	-0.94	14.19	-5.32	0.93	2.73	2.09	-8.28	0.84	-2.69	3.80	-17.50	19.45		14.1547
4712	5404	-0.27	12.23	-3.56	0.01	0.71	-1.05	-0.94	10.22	-4.97	3.48	1.95	-1.14	-7.89	5.84	-1.03	0.07	-9.99	10.48		14.1634
4713	712	-0.07	-10.37	2.01	11.14	0.02	2.13	-0.80	-3.91	3.21	2.38	-0.56	0.10	1.30	-0.23	-0.47	5.98	15.06	-12.75		14.1688
4714	5592	-0.33	7.92	-3.35	0.01	1.06	0.01	-0.94	15.88	-4.65	3.84	2.91	-1.14	-7.52	5.97	-1.03	0.71	-15.00	9.82		14.1757
4715	4574	0.35	5.57	0.71	5.58	0.36	0.54	-0.34	3.64	1.13	-0.53	-0.03	2.21	-1.00	3.05	-1.03	1.28	-7.48	0.19		14.1908
4716	3915	0.87	6.08	-1.34	11.14	-0.33	2.66	1.56	-2.67	-0.36	-2.34	0.83	-2.49	-2.70	-1.47	2.86	2.16	-4.98	4.72		14.1986
4717	5824	1.77	-2.17	-0.96	5.58	1.75	2.13	-0.94	10.93	-1.12	4.20	0.37	-1.14	-3.57	4.39	-1.03	-4.00	-2.47	0.54		14.2590
4718	3855	1.46	3.03	1.63	5.58	0.02	2.66	1.56	-1.41	1.96	-1.62	1.59	-2.49	-0.08	-1.98	1.75	5.00	-2.47	-1.92		14.2626
4719	1721	-0.35	-6.89	2.76	5.58	1.40	-0.52	-0.34	4.78	3.42	0.57	1.16	-2.49	1.57	0.65	-0.47	2.10	7.55	-6.23		14.2636
4720	1428	-0.72	-13.62	3.08	0.01	0.71	1.07	1.09	-2.79	2.41	0.20	-1.43	0.10	0.43	0.62	2.30	6.46	25.08	-10.75		14.2681
4721	3849	1.50	-2.65	1.13	16.71	1.06	0.54	1.56	0.23	0.88	0.57	1.22	-2.49	-1.31	-0.41	3.41	-1.59	0.03	-6.12		14.2790
4722	5880	-0.57	13.44	-4.47	0.01	0.71	-0.52	-0.94	14.81	-6.06	3.11	3.17	-1.14	-9.11	4.38	-1.03	-0.32	-15.00	13.82		14.3104
4723	242	-0.03	-0.62	1.12	16.71	0.71	-0.52	-0.34	1.07	0.83	-0.16	0.90	-2.49	-1.37	-3.24	-1.03	-1.17	10.05	-6.12		14.3157
4724	4350	1.21	-9.39	2.99	0.01	0.71	1.60	1.09	-0.58	4.53	-0.89	-2.23	0.10	2.82	1.55	2.86	4.74	12.56	-9.35		14.3253
4725	5484	-0.27	13.22	-4.13	0.01	0.71	0.01	-0.94	10.22	-5.67	3.11	1.14	-1.14	-8.67	5.69	-1.03	-0.54	-9.99	12.59		14.3372
4726	792	-0.07	-9.38	1.44	11.14	0.02	3.19	-0.80	-3.91	2.51	2.02	-1.37	0.10	0.52	-0.38	-0.47	5.37	15.06	-10.64		14.3426
4727	5245	0.34	6.70	-1.65	0.01	0.36	-1.58	-0.94	10.82	-2.08	3.48	0.91	2.09	-4.62	3.49	-1.03	-1.67	-9.99	9.68		14.3429
4728	1343	-0.66	-7.19	1.66	5.58	-1.02	3.19	1.09	-6.60	4.15	-0.53	-1.21	0.10	2.39	-1.84	2.86	8.32	12.56	-8.51		14.3468
4729	5534	0.38	14.73	-2.90	0.01	0.02	-2.64	-0.94	10.34	-3.66	1.66	0.85	-1.14	-6.40	4.43	-1.58	-2.92	-9.99	14.17		14.4179
4730	3711	1.40	-10.94	3.33	0.01	0.71	3.72	-0.80	0.29	4.61	0.20	-1.42	0.10	2.90	1.66	-2.14	10.08	10.05	-9.35		14.4188
4731	6003	-0.27	7.16	-1.56	5.58	1.06	0.54	-0.94	5.46	0.41	1.29	-0.95	2.65	-1.82	2.32	-1.58	4.93	-12.49	2.63		14.4233
4732	5571	-0.80	21.87	-4.01	-11.11	0.36	-0.52	-0.94	14.56	-5.32	0.93	2.73	-1.14	-8.28	3.36	-2.69	3.48	-17.50	19.45		14.4315
4733	3935	1.46	4.01	1.06	5.58	0.02	3.72	1.56	-1.41	1.27	-1.98	0.78	-2.49	-0.87	-2.13	1.75	4.39	-2.47	0.19		14.4365
4734	1801	-0.35	-5.90	2.19	5.58	1.40	0.54	-0.34	4.78	2.72	0.20	0.35	-2.49	0.79	0.50	-0.47	1.49	7.55	-4.12		14.4375
4735	921	-0.85	4.18	0.32	5.58	-0.68	0.01	1.56	-2.89	0.65	-1.62	0.61	-2.49	-1.55	-2.63	3.41	-0.82	10.05	1.59</		

4740	322	-0.03	0.37	0.54	16.71	0.71	0.54	-0.34	1.07	0.18	-0.53	0.09	-2.49	-2.15	-3.39	-1.03	-1.78	10.05	4.01	14.4895
4741	3206	1.15	-4.86	2.76	5.58	1.75	-0.52	-0.34	6.07	3.41	-0.89	0.85	-2.49	1.57	0.90	-1.03	1.75	5.04	-6.23	14.4896
4742	4753	0.42	-10.58	1.80	-5.55	0.71	-2.64	-0.34	-1.89	2.12	1.66	1.18	6.00	26.39	4.08	-0.47	-2.57	5.04	-10.86	14.4897
4743	4958	0.93	-6.79	2.31	11.14	0.71	1.07	-0.80	0.73	3.13	2.38	-1.69	4.80	1.22	4.42	-1.03	4.67	0.03	-12.75	14.4913
4744	1423	-0.66	-6.20	1.09	5.58	-1.02	4.25	1.09	-6.60	3.46	-0.89	-2.02	0.10	1.61	-1.99	2.86	7.71	12.56	-6.40	14.5207
4745	1179	-0.13	-8.33	2.49	11.14	1.06	2.13	1.56	-7.54	5.95	-1.25	-0.88	1.30	4.39	-3.58	2.86	6.07	10.05	-12.75	14.5395
4746	5900	0.02	11.37	-2.07	-5.55	1.06	0.54	-0.94	16.07	-4.43	3.48	3.12	-1.14	-7.28	3.72	-2.14	1.90	-12.49	9.29	14.5483
4747	4737	-0.36	-3.77	0.95	-5.55	2.10	-2.11	-0.34	11.85	1.25	0.93	1.57	2.21	-0.86	6.66	-0.47	2.54	-2.47	0.44	14.5580
4748	5951	-0.27	16.79	-4.61	-11.11	0.71	1.07	-0.94	15.03	-4.28	2.02	2.04	-1.14	-7.11	3.25	-1.58	3.02	-15.00	16.66	14.5616
4749	1225	-0.49	-9.60	1.23	-5.55	0.02	-2.64	1.56	-7.18	1.42	-0.89	0.37	1.30	25.61	-3.01	3.41	-4.84	22.57	-8.75	14.5716
4750	6083	-0.27	8.15	-2.14	5.58	1.06	1.60	-0.94	5.46	-0.28	0.93	-1.76	2.65	-2.61	2.17	-1.58	4.32	-12.49	4.75	14.5971
4751	4615	1.49	-12.62	3.12	-5.55	1.75	0.54	-0.34	5.07	3.58	2.02	1.81	2.21	1.76	6.64	-2.14	6.45	5.04	-6.23	14.6055
4752	5541	0.32	6.59	-1.65	0.01	0.36	-0.52	-0.94	11.19	-2.08	3.48	0.91	-1.14	-4.62	6.01	-1.03	-1.98	-9.99	9.69	14.6197
4753	2830	0.00	-11.03	3.95	0.01	0.71	1.07	1.09	-0.63	5.71	-0.16	-1.74	0.10	4.15	0.19	2.86	6.13	15.06	-12.87	14.6281
4754	5368	-0.55	15.13	-5.18	0.01	0.71	-2.11	-0.94	14.44	-6.92	2.75	2.36	2.09	-10.08	2.90	-1.03	-0.38	-15.00	16.41	14.6299
4755	152	-0.26	-9.38	1.46	11.14	1.40	3.19	-0.94	-6.47	2.61	2.75	-1.37	-2.81	0.62	0.97	-1.03	5.84	17.57	-10.64	14.6436
4756	6023	0.32	5.10	0.84	0.01	1.40	1.60	-0.94	6.73	2.04	1.66	-1.00	2.65	0.01	1.66	-2.69	7.16	-9.99	-1.90	14.6612
4757	3286	1.15	-3.87	2.19	5.58	1.75	0.54	-0.34	6.07	2.72	-1.25	0.04	-2.49	0.79	0.75	-1.03	1.14	5.04	-4.12	14.6634
4758	1371	-0.90	0.56	-0.55	5.58	-1.72	2.66	1.09	-8.69	1.39	-1.62	-1.44	0.10	-0.72	-2.32	2.86	6.33	12.56	-0.51	14.6650
4759	5038	0.93	-5.80	1.74	11.14	0.71	2.13	-0.80	0.73	2.43	2.02	-2.50	4.80	0.43	4.27	-1.03	4.06	0.03	-10.64	14.6652
4760	4658	-0.07	-2.72	1.52	-5.55	2.10	-2.11	-0.34	12.07	1.94	0.20	2.06	2.21	-0.09	5.63	-1.03	3.00	-2.47	-1.68	14.6740
4761	6017	0.36	-0.57	0.34	11.14	2.45	-0.52	-0.94	8.36	0.96	3.84	-1.37	2.65	-1.21	3.22	-1.03	0.57	-7.48	-6.09	14.6775
4762	1146	-0.19	-8.55	1.80	-5.55	0.02	-2.64	1.56	-6.96	2.11	-1.62	0.87	1.30	26.38	-4.04	2.86	-4.39	22.57	-10.86	14.6785
4763	1259	-0.13	-7.35	1.92	11.14	1.06	3.19	1.56	-7.54	5.25	-1.62	-1.69	1.30	3.61	-3.73	2.86	5.46	10.05	-10.64	14.7134
4764	2191	0.19	-12.58	4.29	0.01	0.71	3.19	-0.80	0.24	5.79	0.93	-0.93	0.10	4.23	0.31	-2.14	11.48	12.56	-12.87	14.7216
4765	1130	-0.97	-1.73	0.95	-5.55	1.40	-2.11	1.56	6.78	1.25	-2.34	1.25	-2.49	-0.87	-1.46	2.86	0.73	15.06	0.44	14.7468
4766	4493	0.05	2.55	1.29	5.58	0.36	-0.52	-0.34	3.42	1.83	0.93	1.09	2.21	-0.21	4.38	-0.47	2.04	-7.48	-1.92	14.7849
4767	4479	-0.35	4.45	0.64	11.14	0.02	0.54	-0.34	1.59	0.33	-0.89	1.26	2.21	-1.91	2.88	-2.14	5.30	-12.49	2.54	14.7860
4768	2910	0.00	-10.04	3.38	0.01	0.71	2.13	1.09	-0.63	5.01	-0.53	-2.55	0.10	3.36	0.04	2.86	5.52	15.06	-10.75	14.8019
4769	227	-0.95	5.09	-0.78	11.14	-0.68	0.54	-0.34	-2.04	0.28	-1.62	1.64	-2.49	-1.97	-2.96	-1.03	3.34	5.04	2.61	14.8293
4770	3979	3.06	-8.38	1.48	5.58	0.71	3.72	1.56	-1.96	3.74	1.29	1.86	-2.49	1.90	0.34	2.86	3.13	2.54	-6.12	14.8320
4771	6103	0.32	6.09	0.26	0.01	1.40	2.66	-0.94	6.73	1.34	1.29	-1.81	2.65	-0.77	1.51	-2.69	6.55	-9.99	0.22	14.8350
4772	491	-0.78	-3.29	1.28	-5.55	1.40	0.01	-0.34	7.65	1.33	-1.25	2.06	-2.49	-0.79	-1.34	-2.14	6.07	12.56	0.44	14.8403
4773	6097	0.36	0.41	-0.24	11.14	2.45	0.54	-0.94	8.36	0.27	3.48	-2.18	2.65	-2.00	3.07	-1.03	-0.04	-7.48	-3.98	14.8514
4774	5388	0.04	13.07	-2.78	-5.55	1.06	-1.05	-0.94	15.70	-5.29	3.11	2.31	2.09	-8.25	2.24	-2.14	1.84	-12.49	11.88	14.8679
4775	2271	0.19	-11.59	3.72	0.01	0.71	4.25	-0.80	0.24	5.10	0.57	-1.74	0.10	3.45	0.16	-2.14	10.87	12.56	-10.75	14.8954
4776	1391	-0.31	-1.51	1.85	0.01	-1.37	3.72	1.09	-7.43	3.02	-1.25	-1.49	0.10	1.11	-2.98	1.75	8.56	15.06	-5.04	14.9029
4777	5664	-0.57	15.02	-5.18	0.01	0.71	-1.05	-0.94	14.81	-6.92	2.75	2.36	-1.14	-10.08	5.42	-1.03	-0.70	-15.00	16.42	14.9067
4778	1865	0.13	-2.28	-0.47	-11.11	-0.33	-1.58	-0.34	5.19	-1.66	1.66	4.99	-2.49	22.13	-1.26	-0.47	-5.08	7.55	0.32	14.9071
4779	5237	0.10	12.81	-2.90	0.01	0.02	-3.70	-0.94	9.75	-3.66	2.75	1.17	2.09	-6.39	3.09	-1.03	-2.46	-9.99	14.17	14.9091
4780	1385	-0.26	-7.18	1.35	11.14	-0.33	1.60	1.09	-5.80	1.95	0.93	-1.86	0.10	-0.12	-1.41	3.41	1.97	17.57	-9.24	14.9193
4781	4019	1.04	-4.28	1.87	-5.55	1.75	1.07	1.56	7.02	2.07	-1.25	2.87	-2.49	0.05	0.45	1.75	6.11	2.54	-1.68	14.9196
4782	4573	0.05	3.53	0.71	5.58	0.36	0.54	-0.34	3.42	1.14	0.57	0.28	2.21	-0.99	4.23	-0.47	1.43	-7.48	0.19	14.9587
4783	4559	-0.35	5.43	0.06	11.14	0.02	1.60	-0.34	1.59	-0.37	-1.25	0.45	2.21	-2.70	2.73	-2.14	4.69	-12.49	4.66	14.9598
4784	3035	1.21	-12.58	4.32	0.01	2.45	2.13	-0.94	-1.26	5.89	1.29	-0.93	-2.81	4.35	3.09	-2.69	11.74	12.56	-12.87	14.9610
4785	2404	0.49	-2.56	-0.13	16.71	0.36	2.13	1.56	-3.25	-0.20	0.93	1.54	-2.49	-2.53	-1.06	3.41	0.12	2.54	-2.60	14.9637
4786	4752	0.08	-6.67	1.67	-5.55	0.36	-2.64	-0.34	-3.74	0.66	0.57	1.87	6.00	24.75	3.70	-1.58	-0.25	2.54	-6.44	14.9708
4787	886	-0.56	4.58	1.28	5.58	-0.33	-0.52	1.56	-1.65	1.83	-2.34	0.78	-2.49	-0.22	-3.74	2.86	0.22	10.05	-1.92	14.9737
4788	3383	1.69	-0.03	0.22	5.58	1.06	3.19	-0.34	5.90	2.18	0.57	2.93	-2.49	0.14	-0.55	-1.03	5.02	-7.48	-1.57	14.9941
4789	307	-0.95	6.08	-1.36	11.14	-0.68	1.60	-0.34	-2.04	-0.41	-1.98	0.83	-2.49	-2.75	-3.11	-1.03	2.73	5.04	4.72	15.0031
4790	4943	0.01	-1.08	0.41	5.58	-0.68	2.13	-0.80	-2.39	2.58	0.93	-0.95	4.80	0.62	4.70	-1.03	9.19	-4.98	-4.03	15.0050
4791	1551	0.00	-12.58	4.31	0.01	2.10	3.19	-0.94	-2.32	5.88	1.66	-0.93	-2.81	4.34	1.66	-2.69	11.94	15.06	-12.87	15.0226
4792	1224	-0.83	-5.68	1.09	-5.55	-0.33	-2.64	1.56	-9.03	-0.03	-1.98	1.06	1.30	23.97	-3.39	2.30	-2.52	20.07	-4.33	15.0526
4793	247	-0.37	3.03	1.62	5.58	-0.33	1.60	-0.34	-0.78	1.91	-1.25	1.59	-2.49	-0.13	-3.62	-2.14	5.57	7.55	-1.92	15.0672
4794	241	-0.32	-2.65	1.12	16.71	0.71	-0.52	-0.34	0.86	0.83	0.93	1.22	-2.49	-1.36	-2.06	-0.47	-1.02	10.05	-6.12	15.0836
4795	4349	0.91	-11.42	2.99	0.01	0.71	1.60	1.09	-0.80	4.53	0.20	-1.91	0.10	2.82	2.73	3.41	4.89	12.56	-9.35	15.0932
4796	4507	-0.58	12.19	-1.58	11.14	-0.68	0.01	-0.34	-0.50	-2.43	-1.98	1.03	2.21	-5.02	2.41	-2.14	3.31	-12.49	10.54	15.1042
4797	742	-0.62	-9.39	2.98	0.01	0.36	0.54	-0.80	0.05	4.48	-0.53	-2.23	0.10	2.76	-0.10	-1.03	5.31	22.57	-9.35	15.1299
4798	3350	1.63	-0.25	-0.47	-11.11	0.02	-1.58	-0.34	6.48	-1.66	0.20	4.67	-2.49	22.13	-1.01	-1.03	-5.44	5.04	0.32	15.1330
4799	3115	1.21	-11.59	3.74	0.01	2.45	3.19	-0.94	-1.26	5.20	0.93	-1.74	-2.81	3.56	2.94	-2.69	11.13	12.56	-10.75	15.1349
4800	5684	0.02	12.95	-2.78	-5.55	1.06	0.01	-0.94	16.07	-5.29	3.11	2.31	-1.14	-8.25	4.76	-2.14	1.53	-12.49	11.89	15.1446
4801	966	-0.56	5.57	0.71	5.58	-0.33	0.54	1.56	-1.65	1.13	-2.71	-0.03	-2.49	-1.00	-3.89	2.86	-0.39	10.05	0.19	15.1475
4802	5023	0.01																		

4805	1631	0.00	-11.59	3.74	0.01	2.10	4.25	-0.94	-2.32	5.19	1.29	-1.74	-2.81	3.55	1.51	-2.69	11.34	15.06	-10.75	15.1964
4806	5918	-0.76	18.02	-3.74	0.01	0.36	-1.05	-0.94	15.99	-4.63	0.57	1.18	-1.14	-7.50	2.42	-1.58	-1.78	-17.50	17.28	15.2017
4807	327	-0.37	4.01	1.04	5.58	-0.33	2.66	-0.34	-0.78	1.21	-1.62	0.78	-2.49	-0.92	-3.77	-2.14	4.96	7.55	0.19	15.2411
4808	4963	0.59	-3.14	2.82	0.01	-0.33	3.19	-0.80	-1.12	4.21	1.29	-1.00	4.80	2.45	4.04	-2.14	11.41	-2.47	-8.56	15.2429
4809	321	-0.32	-1.66	0.54	16.71	0.71	0.54	-0.34	0.86	0.14	0.57	0.41	-2.49	-2.14	-2.21	-0.47	-1.63	10.05	-4.01	15.2574
4810	3205	0.85	-6.89	2.76	5.58	1.75	-0.52	-0.34	5.85	3.42	0.20	1.16	-2.49	1.58	2.08	-0.47	1.90	5.04	-6.23	15.2575
4811	4957	0.64	-8.82	2.31	11.14	0.71	1.07	-0.80	0.51	3.13	3.48	-1.37	4.80	1.22	5.60	-0.47	4.82	0.03	-12.75	15.2592
4812	1864	-0.21	1.64	-0.61	-11.11	-0.68	-1.58	-0.34	3.34	-3.11	0.57	5.67	-2.49	20.49	-1.64	-1.58	-2.76	5.04	4.74	15.3881
4813	2829	-0.29	-13.06	3.96	0.01	0.71	1.07	1.09	-0.85	5.71	0.93	-1.43	0.10	4.16	1.38	3.41	6.29	15.06	-12.87	15.3960
4814	5043	0.59	-2.16	2.24	0.01	-0.33	4.25	-0.80	-1.12	3.51	0.93	-1.81	4.80	1.67	3.89	-2.14	10.80	-2.47	-6.45	15.4167
4815	102	-0.81	-9.39	3.00	0.01	1.75	0.54	-0.94	-2.52	4.57	0.20	-2.23	-2.81	2.87	1.25	-1.58	5.78	25.08	-9.35	15.4308
4816	3285	0.85	-5.90	2.19	5.58	1.75	0.54	-0.34	5.85	2.73	-0.16	0.35	-2.49	0.80	1.94	-0.47	1.29	5.04	-4.12	15.4313
4817	5037	0.64	-7.83	1.74	11.14	0.71	2.13	-0.80	0.51	2.44	3.11	-2.18	4.80	0.44	5.45	-0.47	4.21	0.03	-10.64	15.4331
4818	4657	-0.36	-4.75	1.52	-5.55	2.10	-2.11	-0.34	11.85	1.95	1.29	2.38	2.21	-0.08	6.81	-0.47	3.15	-2.47	-1.68	15.4419
4819	5871	-0.27	15.80	-4.03	-11.11	0.71	1.07	-0.94	15.03	-3.59	2.38	2.85	-1.14	-6.33	3.40	-1.58	3.63	-15.00	14.55	15.4455
4820	1145	-0.49	-10.58	1.80	-5.55	0.02	-2.64	1.56	-7.18	2.12	-0.53	1.18	1.30	26.39	-2.86	3.41	-4.23	22.57	-10.86	15.4464
4821	1350	0.03	-6.79	2.31	11.14	0.02	1.07	1.09	-4.56	3.13	0.20	-1.69	0.10	1.21	-2.52	2.86	3.01	17.57	-12.75	15.4480
4822	5232	1.78	-1.46	-1.10	5.58	1.75	0.54	-0.94	10.56	-1.29	4.20	0.37	2.09	-3.76	3.06	-1.03	-3.45	-2.47	1.02	15.4624
4823	5288	-0.55	14.14	-4.60	0.01	0.71	-2.11	-0.94	14.44	-6.22	3.11	3.17	2.09	-9.30	3.05	-1.03	0.23	-15.00	14.30	15.5138
4824	1129	-1.27	-3.77	0.95	-5.55	1.40	-2.11	1.56	6.56	1.25	-1.25	1.57	-2.49	-0.86	-0.28	3.41	0.88	15.06	0.44	15.5147
4825	1007	0.59	-12.62	3.12	-5.55	1.06	0.54	1.56	-0.21	3.58	-0.16	1.81	-2.49	1.76	-0.30	1.75	4.79	22.57	-6.23	15.5622
4826	2909	-0.29	-12.07	3.38	0.01	0.71	2.13	1.09	-0.85	5.02	0.57	-2.24	0.10	3.37	1.23	3.41	5.68	15.06	-10.75	15.5698
4827	2706	-0.10	-2.09	1.38	-5.55	-0.33	-1.58	1.56	-6.87	2.58	-2.71	-0.07	1.30	26.91	-3.97	2.86	-3.45	10.05	-4.33	15.5864
4828	1430	0.03	-5.80	1.74	11.14	0.02	2.13	1.09	-4.56	2.43	-0.16	-2.50	0.10	0.43	-2.67	2.86	2.40	17.57	-10.64	15.6219
4829	4314	1.21	-11.03	3.96	0.01	1.06	1.07	1.09	0.44	5.71	-0.53	-1.74	0.10	4.15	1.62	2.86	5.93	12.56	-12.87	15.6219
4830	1050	-0.97	-2.72	1.52	-5.55	1.40	-2.11	1.56	6.78	1.94	-1.98	2.06	-2.49	-0.09	-1.31	2.86	1.34	15.06	-1.68	15.6306
4831	371	1.24	-8.38	1.47	5.58	0.36	2.66	-0.34	-1.33	3.69	1.66	1.86	-2.49	1.85	-1.31	-1.03	3.70	12.56	-6.12	15.6366
4832	2067	0.09	-3.65	1.72	-5.55	-0.33	0.54	-0.34	-6.00	2.66	-1.62	0.74	1.30	26.99	-3.85	-2.14	1.89	7.55	-4.33	15.6799
4833	3675	1.40	-12.58	4.29	0.01	1.06	3.19	-0.80	1.31	5.80	0.57	-0.93	0.10	4.24	1.74	-2.14	11.27	10.05	-12.87	15.7154
4834	411	-0.78	-4.28	1.86	-5.55	1.40	0.01	-0.34	7.65	2.02	-0.89	2.87	-2.49	0.00	-1.20	-2.14	6.68	12.56	-1.68	15.7242
4835	4524	0.12	-6.81	1.51	5.58	1.75	-1.05	-0.34	4.86	-0.35	1.29	1.49	2.21	-2.67	6.66	-1.58	3.24	2.54	-2.71	15.7309
4836	5528	1.77	-1.57	-1.10	5.58	1.75	1.60	-0.94	10.93	-1.29	4.20	0.37	-1.14	-3.76	5.58	-1.03	-3.77	-2.47	1.02	15.7392
4837	885	-0.85	2.55	1.29	5.58	-0.33	-0.52	1.56	-1.86	1.83	-1.25	1.09	-2.49	-0.21	-2.56	3.41	0.38	10.05	-1.92	15.7416
4838	871	-1.25	4.45	0.64	11.14	-0.68	0.54	1.56	-3.69	0.33	-3.07	1.26	-2.49	-1.91	-4.05	1.75	3.64	5.04	2.54	15.7427
4839	5308	0.04	12.08	-2.20	-5.55	1.06	-1.05	-0.94	15.70	-4.60	3.48	3.12	2.09	-7.46	2.39	-2.14	2.45	-12.49	9.77	15.7517
4840	5359	-0.25	17.50	-4.74	-11.11	0.71	-0.52	-0.94	14.66	-4.45	2.02	2.04	2.09	-7.30	1.92	-1.58	3.57	-15.00	17.14	15.7650
4841	5584	-0.57	14.03	-4.60	0.01	0.71	-1.05	-0.94	14.81	-6.22	3.11	3.17	-1.14	-9.30	5.57	-1.03	-0.09	-15.00	14.30	15.7905
4842	4394	1.21	-10.04	3.38	0.01	1.06	2.13	1.09	0.44	5.02	-0.89	-2.55	0.10	3.37	1.48	2.86	5.32	12.56	-10.75	15.7958
4843	3755	1.40	-11.59	3.72	0.01	1.06	4.25	-0.80	1.31	5.10	0.20	-1.74	0.10	3.46	1.59	-2.14	10.66	10.05	-10.75	15.8893
4844	741	-0.91	-11.42	2.98	0.01	0.36	0.54	-0.80	-0.17	4.48	0.57	-1.91	0.10	2.77	1.08	-0.47	5.46	22.57	-9.35	15.8978
4845	3349	1.34	-2.28	-0.47	-11.11	0.02	-1.58	-0.34	6.26	-1.65	1.29	4.99	-2.49	22.14	0.17	-0.47	-5.28	5.04	0.32	15.9009
4846	965	-0.85	3.53	0.71	5.58	-0.33	0.54	1.56	-1.86	1.14	-1.62	0.28	-2.49	-1.00	-2.71	3.41	-0.23	10.05	0.19	15.9154
4847	951	-1.25	5.43	0.06	11.14	-0.68	1.60	1.56	-3.69	-0.37	-3.43	0.45	-2.49	-2.70	-4.20	1.75	3.03	5.04	4.66	15.9165
4848	1144	-0.83	-6.67	1.67	-5.55	-0.33	-2.64	1.56	-9.03	0.66	-1.62	1.87	1.30	24.75	-3.24	2.30	-1.91	20.07	-6.44	15.9275
4849	1948	0.33	-2.84	-1.34	-11.11	-0.33	-1.58	-0.34	3.81	-2.24	1.66	4.99	-2.49	21.47	-0.55	-0.47	-2.99	7.55	2.44	15.9497
4850	5729	-0.99	20.29	-3.94	0.01	0.02	-2.11	-0.94	10.12	-4.95	1.29	0.53	-1.14	-7.86	3.47	-1.03	-2.27	-12.49	17.93	15.9560
4851	3888	1.69	-2.56	-0.13	16.71	0.71	2.13	1.56	-2.18	-0.19	0.57	1.54	-2.49	-2.53	0.37	3.41	-0.09	0.03	-2.60	15.9575
4852	1335	-0.90	-1.08	0.41	5.58	-1.37	2.13	1.09	-7.67	2.58	-1.25	-0.95	0.10	0.62	-2.24	2.86	7.52	12.56	-4.03	15.9616
4853	5917	-1.05	15.98	-3.74	0.01	0.36	-1.05	-0.94	15.77	-4.62	1.66	1.49	-1.14	-7.49	3.60	-1.03	-1.63	-17.50	17.28	15.9696
4854	4519	0.19	0.62	-0.49	11.14	0.02	2.13	-0.34	1.04	0.71	0.20	0.90	2.21	-1.49	4.04	-1.03	4.49	-9.99	1.64	15.9835
4855	5604	0.02	11.97	-2.20	-5.55	1.06	0.01	-0.94	16.07	-4.60	3.48	3.12	-1.14	-7.47	4.91	-2.14	2.14	-12.49	9.77	16.0284
4856	5655	-0.27	17.39	-4.74	-11.11	0.71	0.54	-0.94	15.03	-4.45	2.02	2.04	-1.14	-7.30	4.45	-1.58	3.25	-15.00	17.14	16.0418
4857	899	-1.49	12.19	-1.58	11.14	-1.37	0.01	1.56	-5.78	-2.43	-4.16	1.03	-2.49	-5.03	-4.53	1.75	1.65	5.04	10.54	16.0609
4858	1415	-0.90	-0.09	-0.16	5.58	-1.37	3.19	1.09	-7.67	1.89	-1.62	-1.76	0.10	-0.17	-2.39	2.86	6.92	12.56	-1.92	16.1355
4859	101	-1.10	-11.42	3.00	0.01	1.75	0.54	-0.94	-2.73	4.58	1.29	-1.91	-2.81	2.88	2.43	-1.03	5.93	25.08	-9.35	16.1987
4860	1355	-0.31	-3.14	2.82	0.01	-1.02	3.19	1.09	-6.41	4.21	-0.89	-1.00	0.10	2.45	-2.90	1.75	9.75	15.06	-8.56	16.1996
4861	1349	-0.26	-8.82	2.31	11.14	0.02	1.07	1.09	-4.77	3.13	1.29	-1.37	0.10	1.22	-1.33	3.41	3.16	17.57	-12.75	16.2159
4862	2368	0.49	-4.20	0.84	16.71	0.71	1.60	1.56	-2.23	0.99	1.29	2.03	-2.49	-1.20	-0.99	3.41	1.31	2.54	-6.12	16.2603
4863	6147	1.92	-6.30	0.69	0.01	2.10	3.72	-0.94	6.17	3.82	4.57	-0.73	2.65	1.99	3.98	-1.58	5.28	-4.98	-6.09	16.2807
4864	2705	-0.40	-4.12	1.39	-5.55	-0.33	-1.58	1.56	-7.09	2.58	-1.62	0.25	1.30	26.91	-2.79	3.41	-3.30	10.05	-4.33	16.3543
4865	6056	0.55	-0.49	-0.93	11.14	2.10	1.07	-0.94	5.96	-0.12	3.84	-1.05	2.65	-2.43	4.00	-1.03	2.08	-7.48	-2.57	16.3561
4866	1435	-0.31	-2.16	2.24	0.01	-1.02	4.25	1.09	-6.41	3.51	-1.25	-1.81	0.10	1.66	-3.05	1.75	9.14	15.06	-6.45	16.3734
4867	3348																			

4870	5138	-0.68	23.03	-4.08	0.01	0.02	-3.70	-0.94	9.97	5.18	0.20	0.22	2.09	-8.05	0.96	-1.58	-1.87	-12.49	18.41	16.3914
4871	1049	-1.27	-4.75	1.52	-5.55	1.40	-2.11	1.56	6.56	1.95	-0.89	2.38	-2.49	-0.08	-0.13	3.41	1.49	15.06	-1.68	16.3986
4872	4471	-0.58	10.56	-0.61	11.14	-0.33	-0.52	-0.34	0.52	-1.25	-1.62	1.51	2.21	-3.69	2.49	-2.14	4.51	-12.49	7.03	16.4008
4873	5326	-0.74	18.72	-3.87	0.01	0.36	-2.64	-0.94	15.62	-4.80	0.57	1.18	2.09	-7.69	1.09	-1.58	-1.23	-17.50	17.75	16.4051
4874	706	-0.62	-11.03	3.94	0.01	0.71	0.01	-0.80	1.07	5.66	-0.16	-1.74	0.10	4.10	-0.02	-1.03	6.50	22.57	-12.87	16.4265
4875	2448	0.49	-3.21	0.26	16.71	0.71	2.66	1.56	-2.23	0.29	0.93	1.22	-2.49	-1.98	-1.14	3.41	0.70	2.54	-4.01	16.4342
4876	2626	-0.10	-3.08	1.96	-5.55	-0.33	-1.58	1.56	-6.87	3.27	-2.34	0.74	1.30	27.69	-3.82	2.86	-2.85	10.05	-6.44	16.4612
4877	5818	1.22	-2.83	0.97	-5.55	2.45	0.01	-0.94	15.91	1.34	1.66	-0.81	-1.14	-0.77	4.59	-1.58	-3.48	5.04	0.43	16.5168
4878	1987	0.09	-4.63	2.30	-5.55	-0.33	0.54	-0.34	-6.00	3.35	-1.25	1.55	1.30	27.77	-3.70	-2.14	2.49	7.55	-6.44	16.5548
4879	4393	0.91	-12.07	3.38	0.01	1.06	2.13	1.09	0.22	5.03	0.20	-2.24	0.10	3.38	2.66	3.41	5.47	12.56	-10.75	16.5637
4880	4551	-0.58	11.55	-1.19	11.14	-0.33	0.54	-0.34	0.52	-1.94	-1.98	0.70	2.21	-4.47	2.34	-2.14	3.90	-12.49	9.14	16.5747
4881	4190	1.10	-2.09	1.39	-5.55	0.02	-1.58	1.56	-5.80	2.58	-3.07	-0.07	1.30	26.91	-2.54	2.86	-3.66	7.55	-4.33	16.5802
4882	4836	0.61	-11.14	0.93	-5.55	0.71	-1.58	-0.34	-3.27	1.53	1.66	1.18	6.00	25.73	4.79	-0.47	-0.48	5.04	-8.75	16.5900
4883	786	-0.62	-10.04	3.37	0.01	0.71	1.07	-0.80	1.07	4.97	-0.53	-2.55	0.10	3.32	-0.17	-1.03	5.89	22.57	-10.75	16.6003
4884	5279	-0.25	16.51	-4.16	-11.11	0.71	-0.52	-0.94	14.66	-3.75	2.38	2.85	2.09	-6.52	2.07	-1.58	4.18	-15.00	15.03	16.6488
4885	5434	-0.70	22.92	-4.08	0.01	0.02	-2.64	-0.94	10.34	-5.13	0.20	0.22	-1.14	-8.05	3.48	-1.58	-2.19	-12.49	18.41	16.6682
4886	2575	0.49	1.61	-0.74	5.58	0.36	2.66	1.56	1.56	1.02	-0.16	2.44	-2.49	-1.16	-2.31	2.86	3.91	-2.47	1.95	16.6682
4887	5962	-0.76	17.37	-3.35	0.01	0.71	-0.52	-0.94	17.01	-4.14	0.57	0.85	-1.14	-6.95	2.34	-1.58	-1.20	-17.50	15.87	16.6722
4888	3551	1.29	-3.65	1.72	-5.55	0.02	0.54	-0.34	-4.93	2.66	-1.98	0.74	1.30	27.00	-2.42	-2.14	1.69	5.04	-4.33	16.6738
4889	5622	-0.76	18.61	-3.87	0.01	0.36	-1.58	-0.94	15.99	-4.80	0.57	1.18	-1.14	-7.69	3.61	-1.58	-1.55	-17.50	17.76	16.6818
4890	916	-0.78	-6.81	1.51	5.58	1.06	-1.05	1.56	-0.43	-0.35	-0.89	1.49	-2.49	-2.67	-0.28	2.30	1.57	20.07	-2.71	16.6876
4891	5854	1.50	6.61	-0.52	-5.55	0.71	1.07	-0.94	12.07	-0.30	3.48	0.93	-1.14	-2.62	3.82	-1.58	-0.56	-4.98	4.74	16.7185
4892	66	-0.81	-11.03	3.97	0.01	2.10	0.01	-0.94	-1.50	5.76	0.57	-1.74	-2.81	4.21	1.32	-1.58	6.97	25.08	-12.87	16.7274
4893	280	-0.13	-2.56	-0.14	16.71	0.36	1.07	-0.34	-1.55	-0.24	0.93	1.54	-2.49	-2.58	-1.28	-0.47	0.48	10.05	-2.60	16.7621
4894	5910	-0.99	24.13	-4.99	0.01	0.02	-2.11	-0.94	14.92	-6.21	-0.16	1.43	-1.14	-9.28	2.02	-1.58	-2.58	-17.50	21.76	16.8165
4895	5087	2.20	-14.55	2.67	0.01	0.36	5.31	-0.80	-1.68	5.99	4.20	-0.73	4.80	4.43	6.36	-1.03	9.53	2.54	-12.75	16.8624
4896	146	-0.81	-10.04	3.39	0.01	2.10	1.07	-0.94	-1.50	5.06	0.20	-2.55	-2.81	3.42	1.17	-1.58	6.36	25.08	-10.75	16.9013
4897	5575	-0.27	16.40	-4.16	-11.11	0.71	0.54	-0.94	15.03	-3.75	2.38	2.85	-1.14	-6.52	4.59	-1.58	3.86	-15.00	15.03	16.9256
4898	4996	0.83	-8.73	1.05	11.14	0.36	2.66	-0.80	-1.89	2.05	3.48	-1.05	4.80	0.00	6.38	-0.47	6.33	0.03	-9.24	16.9378
4899	911	-0.72	0.62	-0.49	11.14	-0.68	2.13	1.56	-4.25	0.70	-1.98	0.90	-2.49	-1.49	-2.90	2.86	2.83	7.55	1.64	16.9401
4900	3432	1.53	-2.84	-1.34	-11.11	0.02	-1.58	-0.34	4.88	-2.24	1.29	4.99	-2.49	21.48	0.88	-0.47	-3.19	5.04	2.44	16.9436
4901	4488	0.12	-8.44	2.48	5.58	2.10	-1.58	-0.34	5.88	0.84	1.66	1.97	2.21	-1.33	6.74	-1.58	4.43	2.54	-6.23	17.0276
4902	4526	0.88	1.02	0.16	16.71	1.06	0.01	-0.34	3.09	-0.32	0.93	0.42	2.21	-2.67	3.37	-1.03	-0.82	-4.98	-2.60	17.0847
4903	5137	-0.98	21.00	-4.07	0.01	0.02	-3.70	-0.94	9.75	-5.12	1.29	0.53	2.09	-8.04	2.14	-1.03	-1.72	-12.49	18.41	17.1593
4904	5325	-1.03	16.69	-3.87	0.01	0.36	-2.64	-0.94	15.41	-4.79	1.66	1.49	2.09	-7.68	2.27	-1.03	-1.08	-17.50	17.75	17.1730
4905	705	-0.91	-13.06	3.95	0.01	0.71	0.01	-0.80	0.85	5.67	0.93	-1.43	0.10	4.11	1.16	-0.47	6.65	22.57	-12.87	17.1944
4906	4568	0.12	-7.45	1.90	5.58	2.10	-0.52	-0.34	5.88	0.14	1.29	1.16	2.21	-2.12	6.59	-1.58	3.82	2.54	-4.12	17.2014
4907	2398	-0.05	-3.22	1.80	5.58	1.06	0.01	1.56	1.73	2.26	-1.62	0.36	-2.49	0.27	-0.86	2.86	0.64	10.05	-2.71	17.2214
4908	2586	0.43	0.74	-1.04	-11.11	-0.33	-2.64	1.56	3.16	-2.32	-0.53	3.86	-2.49	21.38	-2.84	2.86	-5.96	10.05	2.44	17.2290
4909	2625	-0.40	-5.11	1.96	-5.55	-0.33	-1.58	1.56	-7.09	3.28	-1.25	1.06	1.30	27.69	-2.64	3.41	-2.70	10.05	-6.44	17.2291
4910	3852	1.69	-4.20	0.84	16.71	1.06	1.60	1.56	-1.16	0.99	0.93	2.03	-2.49	-1.19	0.44	3.41	1.11	0.03	-6.12	17.2541
4911	4483	0.19	-1.02	0.48	11.14	0.36	1.60	-0.34	2.06	1.89	0.57	1.38	2.21	-0.15	4.12	-1.03	5.68	-9.99	-1.88	17.2801
4912	5817	0.93	-4.86	0.97	-5.55	2.45	0.01	-0.94	15.69	1.35	2.75	-0.50	-1.14	-0.76	5.78	-1.03	-3.33	5.04	0.43	17.2847
4913	1759	0.14	-4.77	2.14	5.58	1.06	2.13	-0.34	2.60	2.34	-0.53	1.17	-2.49	0.35	-0.74	-2.14	5.98	7.55	-2.71	17.3149
4914	4189	0.81	-4.12	1.39	-5.55	0.02	-1.58	1.56	-6.02	2.59	-1.98	0.25	1.30	26.92	-1.36	3.41	-3.50	7.55	-4.33	17.3481
4915	863	-1.49	10.56	-0.61	11.14	-1.02	-0.52	1.56	-4.76	-1.25	-3.80	1.51	-2.49	-3.69	-4.45	1.75	2.85	5.04	7.03	17.3575
4916	5750	0.07	10.41	-2.65	11.14	0.71	0.54	-0.94	11.87	-4.28	2.02	0.09	-1.14	-7.11	2.73	-1.58	-2.83	-9.99	8.30	17.3640
4917	785	-0.91	-12.07	3.37	0.01	0.71	1.07	-0.80	0.85	4.98	0.57	-2.24	0.10	3.33	1.01	-0.47	6.04	22.57	-10.75	17.3682
4918	582	-0.72	-2.09	1.37	-5.55	-0.33	-2.64	-0.34	-5.17	2.53	-2.71	-0.07	1.30	26.86	-4.19	-1.03	-3.09	17.57	-4.33	17.3848
4919	3932	1.69	-3.21	0.26	16.71	1.06	2.66	1.56	-1.16	0.30	0.57	1.22	-2.49	-1.97	0.29	3.41	0.50	0.03	-4.01	17.4280
4920	4695	0.12	-2.64	0.90	-5.55	1.75	-0.52	-0.34	9.66	0.87	0.20	2.39	2.21	-1.30	5.41	-2.14	7.03	-2.47	1.84	17.4355
4921	5433	-0.99	20.89	-4.07	0.01	0.02	-2.64	-0.94	10.12	-5.12	1.29	0.53	-1.14	-8.04	4.66	-1.03	-2.04	-12.49	18.41	17.4361
4922	5961	-1.05	15.33	-3.34	0.01	0.71	-0.52	-0.94	16.80	-4.13	1.66	1.17	-1.14	-6.94	3.53	-1.03	-1.05	-17.50	15.87	17.4401
4923	5621	-1.05	16.58	-3.87	0.01	0.36	-1.58	-0.94	15.77	-4.79	1.66	1.49	-1.14	-7.68	4.79	-1.03	-1.40	-17.50	17.76	17.4497
4924	4563	0.19	-0.03	-0.10	11.14	0.36	2.66	-0.34	2.06	1.20	0.20	0.57	2.21	-0.94	3.97	-1.03	5.07	-9.99	0.24	17.4539
4925	4110	1.10	-3.08	1.96	-5.55	0.02	-1.58	1.56	-5.80	3.27	-2.71	0.74	1.30	27.69	-2.39	2.86	-3.05	7.55	-6.44	17.4551
4926	4756	0.61	-12.13	1.51	-5.55	0.71	-1.58	-0.34	-3.27	2.22	2.02	1.99	6.00	26.51	4.94	-0.47	0.12	5.04	-10.86	17.4648
4927	5853	1.20	4.58	-0.52	-5.55	0.71	1.07	-0.94	11.85	-0.30	4.57	1.24	-1.14	-2.62	5.00	-1.03	-0.41	-4.98	4.74	17.4864
4928	5839	0.81	6.48	-1.17	0.01	0.36	2.13	-0.94	10.02	-1.80	2.75	1.41	-1.14	-4.32	3.50	-2.69	2.86	-9.99	9.21	17.4875
4929	65	-1.10	-13.06	3.97	0.01	2.10	0.01	-0.94	-1.71	5.76	1.66	-1.43	-2.81	4.22	2.51	-1.03	7.12	25.08	-12.87	17.4953
4930	943	-1.49	11.55	-1.19	11.14	-1.02	0.54	1.56	-4.76	-1.94	-4.16	0.70	-2.49	-4.47	-4.60	1.75	2.24	5.04	9.14	17.5313
4931	5694	-0.70	20.69	-2.97	0.01	0.36	-1.58	-0.94	11.36	-3.77	0.57	0.70	-1.14	-6.53	2.36	-1.58	-1.23	-12.49	14.42	17.5437
4932	122																			

4935	5909	-1.29	22.09	-4.99	0.01	0.02	-2.11	-0.94	14.71	6.29	0.93	1.75	-1.14	-9.27	3.20	-1.03	-2.43	-17.50	21.76	6.12	17.5844
4936	4511	-0.05	6.73	-1.74	11.14	-0.33	1.07	-0.34	-0.03	-0.87	-0.53	1.15	2.21	-3.26	3.65	-1.03	3.69	-9.99	6.12	17.5983	
4937	6020	0.55	-2.12	0.04	11.14	2.45	0.54	-0.94	6.98	1.07	4.20	-0.56	2.65	-1.10	4.08	-1.03	3.27	-7.48	-6.09	17.6527	
4938	4059	1.69	1.61	-0.74	5.58	0.71	2.66	1.56	2.63	1.03	-0.53	2.44	-2.49	-1.16	-0.88	2.86	3.71	-4.98	1.95	17.6621	
4939	145	-1.10	-12.07	3.39	0.01	2.10	1.07	-0.94	-1.71	5.07	1.29	-2.24	-2.81	3.43	2.36	-1.03	6.51	25.08	-10.75	17.6692	
4940	5774	-0.70	21.68	-3.55	0.01	0.36	-0.52	-0.94	11.36	-4.46	0.20	-0.11	-1.14	-7.31	2.21	-1.58	-1.84	-12.49	16.53	17.7175	
4941	5226	1.24	-2.12	0.84	-5.55	2.45	-1.58	-0.94	15.54	1.17	1.66	-0.81	2.09	-0.96	3.27	-1.58	-2.93	5.04	0.91	17.7201	
4942	1479	1.30	-14.55	2.67	0.01	-0.33	5.31	1.09	-6.96	5.99	2.02	-0.73	0.10	4.43	-0.58	2.86	7.87	20.07	-12.75	17.8191	
4943	6100	0.55	-1.13	-0.53	11.14	2.45	1.60	-0.94	6.98	0.38	3.84	-1.37	2.65	-1.88	3.93	-1.03	2.66	-7.48	-3.98	17.8265	
4944	4531	0.54	4.66	0.66	5.58	0.02	2.13	-0.34	1.24	0.76	-0.16	1.10	2.21	-1.43	2.99	-2.14	5.92	-7.48	1.59	17.8362	
4945	4525	0.58	-1.01	0.16	16.71	1.06	0.01	-0.34	2.87	-0.32	2.02	0.73	2.21	-2.66	4.55	-0.47	-0.67	-4.98	-2.60	17.8526	
4946	5370	-0.74	18.07	-3.48	0.01	0.71	-2.11	-0.94	16.64	-4.31	0.57	0.85	2.09	-7.14	1.02	-1.58	-0.65	-17.50	16.35	17.8755	
4947	1868	0.33	-3.83	-0.76	-11.11	-0.33	-0.52	-0.34	3.81	-1.55	2.02	5.80	-2.49	22.25	-0.41	-0.47	-2.39	7.55	0.32	17.8822	
4948	1388	-0.07	-8.73	1.05	11.14	-0.33	2.66	1.09	-7.18	2.05	1.29	-1.05	0.10	0.00	-0.56	3.41	4.67	17.57	-9.24	17.8945	
4949	5262	1.51	7.32	-0.66	-5.55	0.71	-0.52	-0.94	11.70	-0.47	3.48	0.93	2.09	-2.81	2.49	-1.58	-0.01	-4.98	5.22	17.9219	
4950	880	-0.78	-8.44	2.48	5.58	1.40	-1.58	1.56	0.59	0.84	-0.53	1.97	-2.49	-1.33	-0.20	2.30	2.77	20.07	-6.23	17.9843	
4951	2397	-0.35	-5.25	1.80	5.58	1.06	0.01	1.56	1.51	2.27	-0.53	0.68	-2.49	0.27	0.33	3.41	0.79	10.05	-2.71	17.9893	
4952	2585	0.13	-1.29	-1.04	-11.11	-0.33	-2.64	1.56	2.94	-2.32	0.57	4.18	-2.49	21.39	-1.66	3.41	-5.80	10.05	2.44	17.9969	
4953	5522	1.22	-2.23	0.83	-5.55	2.45	-0.52	-0.94	15.91	1.17	1.66	-0.81	-1.14	-0.96	5.79	-1.58	-3.25	5.04	0.91	17.9969	
4954	5318	-0.98	24.83	-5.12	0.01	0.02	-3.70	-0.94	14.55	-6.38	-0.16	1.43	2.09	-9.46	0.69	-1.58	-2.03	-17.50	22.24	18.0199	
4955	918	-0.03	1.02	0.16	16.71	0.36	0.01	1.56	-2.20	-0.32	-1.25	0.42	-2.49	-2.67	-3.57	2.86	-2.48	12.56	-2.60	18.0413	
4956	5831	0.57	12.59	-2.42	0.01	0.02	0.01	-0.94	8.95	-3.38	2.02	1.66	-1.14	-6.09	3.10	-2.69	2.07	-9.99	13.69	18.0536	
4957	244	-0.13	-4.20	0.83	16.71	0.71	0.54	-0.34	-0.53	0.94	1.29	2.03	-2.49	-1.24	-1.20	-0.47	1.68	10.05	-6.12	18.0587	
4958	5749	-0.22	8.38	-2.65	11.14	0.71	0.54	-0.94	11.65	-4.28	3.11	0.40	-1.14	-7.11	3.91	-1.03	-2.67	-9.99	8.30	18.1319	
4959	2619	0.49	0.96	-0.35	5.58	0.71	3.19	1.56	2.58	1.51	-0.16	2.12	-2.49	-0.61	-2.38	2.86	4.50	-2.47	0.55	18.1387	
4960	5666	-0.76	17.96	-3.48	0.01	0.71	-1.05	-0.94	17.01	-4.31	0.57	0.85	-1.14	-7.14	3.54	-1.58	-0.97	-17.50	16.35	18.1523	
4961	581	-1.02	-4.12	1.37	-5.55	-0.33	-2.64	-0.34	-5.39	2.54	-1.62	0.25	1.30	26.87	-3.00	-0.47	-2.93	17.57	-4.33	18.1527	
4962	960	-0.78	-7.45	1.90	5.58	1.40	-0.52	1.56	0.59	0.14	-0.89	1.16	-2.49	-2.12	-0.35	2.30	2.16	20.07	-4.12	18.1581	
4963	2071	0.62	-9.11	1.56	-5.55	0.02	1.60	-0.34	-5.54	4.22	-0.16	0.87	1.30	28.75	-2.62	-1.03	2.27	10.05	-8.75	18.1740	
4964	5558	1.50	7.20	-0.66	-5.55	0.71	0.54	-0.94	12.07	-0.47	3.48	0.93	-1.14	-2.81	5.01	-1.58	-0.33	-4.98	5.22	18.1986	
4965	3882	1.15	-3.22	1.80	5.58	1.40	0.01	1.56	2.80	2.26	-1.98	0.36	-2.49	0.27	0.57	2.86	0.44	7.55	-2.71	18.2152	
4966	4070	1.63	0.74	-1.04	-11.11	0.02	-2.64	1.56	4.23	-2.32	-0.89	3.86	-2.49	21.39	-1.41	2.86	-6.16	7.55	2.44	18.2228	
4967	4109	0.81	-5.11	1.96	-5.55	0.02	-1.58	1.56	-6.02	3.28	-1.62	1.06	1.30	27.70	-1.21	3.41	-2.90	7.55	-6.44	18.2230	
4968	324	-0.13	-3.21	0.25	16.71	0.71	1.60	-0.34	-0.53	0.25	0.93	1.22	-2.49	-2.03	-1.35	-0.47	1.07	10.05	-4.01	18.2326	
4969	4960	0.83	-10.37	2.02	11.14	0.71	2.13	-0.80	-0.87	3.24	3.84	-0.56	4.80	1.34	6.46	-0.47	7.52	0.03	-12.75	18.2344	
4970	875	-0.72	-1.02	0.48	11.14	-0.33	1.60	1.56	-3.23	1.89	-1.62	1.38	-2.49	-0.15	-2.82	2.86	4.02	7.55	-1.88	18.2368	
4971	502	-0.72	-3.08	1.95	-5.55	-0.33	-2.64	-0.34	-5.17	3.22	-2.34	0.74	1.30	27.64	-4.04	-1.03	-2.48	17.57	-6.44	18.2596	
4972	5954	-0.99	23.48	-4.60	0.01	0.36	-1.58	-0.94	15.94	-5.71	-0.16	1.11	-1.14	-8.72	1.95	-1.58	-2.00	-17.50	20.36	18.2870	
4973	5614	-0.99	24.72	-5.12	0.01	0.02	-2.64	-0.94	14.92	-6.38	-0.16	1.43	-1.14	-9.46	3.21	-1.58	-2.35	-17.50	22.24	18.2966	
4974	3243	1.34	-4.77	2.14	5.58	1.40	2.13	-0.34	3.66	2.35	-0.89	1.17	-2.49	0.36	0.69	-2.14	5.78	5.04	-2.71	18.3088	
4975	5693	-0.99	18.66	-2.97	0.01	0.36	-1.58	-0.94	11.14	-3.76	1.66	1.02	-1.14	-6.52	3.55	-1.03	-1.08	-12.49	14.42	18.3116	
4976	5881	-1.05	14.35	-2.77	0.01	0.71	-0.52	-0.94	16.80	-3.44	2.02	1.98	-1.14	-6.16	3.68	-1.03	-0.44	-17.50	13.76	18.3239	
4977	4490	0.88	-0.62	1.13	16.71	1.40	-0.52	-0.34	4.11	0.86	1.29	0.90	2.21	-1.33	3.45	-1.03	0.37	-4.98	-6.12	18.3813	
4978	1087	-0.78	-2.64	0.90	-5.55	1.06	-0.52	1.56	4.37	0.87	-1.98	2.39	-2.49	-1.30	-1.52	1.75	5.37	15.06	1.84	18.3922	
4979	5040	0.83	-9.38	1.44	11.14	0.71	3.19	-0.80	-0.87	2.55	3.48	-1.37	4.80	0.56	6.31	-0.47	6.91	0.03	-10.64	18.4082	
4980	955	-0.72	-0.03	-0.10	11.14	-0.33	2.66	1.56	-3.23	1.20	-1.98	0.57	-2.49	-0.94	-2.97	2.86	3.41	7.55	0.24	18.4106	
4981	1148	-0.29	-12.13	1.51	-5.55	0.02	-1.58	1.56	-8.56	2.22	-0.16	1.99	1.30	26.51	-2.00	3.41	-1.54	22.57	-10.86	18.4215	
4982	2867	0.19	-10.94	3.33	0.01	0.36	3.72	1.09	-3.03	4.64	-0.16	-1.42	-3.03	0.10	2.93	-0.02	1.75	10.16	15.06	-9.35	18.4473
4983	451	-0.13	1.61	-0.75	5.58	0.36	1.60	-0.34	3.25	0.98	-0.16	2.44	-2.49	-1.21	-2.53	-1.03	4.28	5.04	1.95	18.4666	
4984	2584	-0.21	2.63	-1.17	-11.11	-0.68	-2.64	1.56	1.09	-3.77	-0.53	4.86	-2.49	19.75	-2.04	2.30	-3.48	7.55	6.86	18.4779	
4985	5773	-0.99	19.65	-3.55	0.01	0.36	-0.52	-0.94	11.14	-4.46	1.29	0.21	-1.14	-7.30	3.40	-1.03	-1.69	-12.49	16.53	18.4854	
4986	5225	0.94	-4.15	0.84	-5.55	2.45	-1.58	-0.94	15.32	1.18	2.75	-0.50	2.09	-0.95	4.45	-1.03	-2.78	5.04	0.91	18.4880	
4987	2362	-0.05	-4.86	2.77	5.58	1.40	-0.52	1.56	2.75	3.44	-1.25	0.85	-2.49	1.60	-0.78	2.86	1.83	10.05	-6.23	18.5180	
4988	2231	0.84	-6.70	1.68	11.14	-0.33	5.84	-0.80	-4.15	4.74	1.66	-1.36	0.10	3.03	-1.02	-1.03	9.07	5.04	-9.24	18.5217	
4989	903	-0.95	6.73	-1.74	11.14	-1.02	1.07	1.56	-5.32	-0.87	-2.71	1.15	-2.49	-3.27	-3.29	2.86	2.03	7.55	6.12	18.5550	
4990	4570	0.88	0.37	0.55	16.71	1.40	0.54	-0.34	4.11	0.17	0.93	0.09	2.21	-2.11	3.30	-1.03	-0.24	-4.98	-4.01	18.5551	
4991	5158	0.09	11.12	-2.78	11.14	0.71	-1.05	-0.94	11.50	-4.45	2.02	0.09	2.09	-7.30	1.40	-1.58	-2.28	-9.99	8.78	18.5674	
4992	1723	0.14	-6.41	3.11	5.58	1.40	1.60	-0.34	3.62	3.53	-0.16	1.66	-2.49	1.69	-0.66	-2.14	7.18	7.55	-6.23	18.6116	
4993	5748	-0.56	12.30	-2.79	11.14	0.36	0.54	-0.94	9.80	-5.73	2.02	1.09	-1.14	-8.75	3.53	-2.14	-0.36	-12.49	12.72	18.6130	
4994	6050	0.01	-1.15	1.01	0.01	2.79	-1.05	-0.94	10.93	2.34	1.29	-2.23	2.65	0.37	4.21	-1.58	2.60	0.03	-2.69	18.6138	
4995	5369	-1.03	16.04	-3.48	0.01	0.71	-2.11	-0.94	16.43	-4.30	1.66	1.17	2.09	-7.13	2.20	-1.03	-0.50	-17.50	16.35	18.6434	
4996	5714	0.07	8.77	-1.68	11.14	1.06	0.01	-0.94	12.89	-3.10	2.38	0.57	-1.14	-5.78	2.80	-1.58	-1.63	-9.99	4.79	18.6606	
4997</																					

5000	5102	-0.68	21.39	-3.11	0.01	0.36	-3.17	-0.94	10.99	3.94	0.57	0.70	2.09	-6.71	1.03	-1.58	-0.68	-12.49	14.89	18.7470
5001	5290	-0.74	17.08	-2.90	0.01	0.71	-2.11	-0.94	16.64	-3.61	0.93	1.66	2.09	-6.35	1.16	-1.58	-0.04	-17.50	14.24	18.7594
5002	3075	1.86	-6.70	1.71	11.14	1.40	4.78	-0.94	-5.65	4.84	2.02	-1.36	-2.81	3.14	1.76	-1.58	9.34	5.04	-9.24	18.7612
5003	5521	0.93	-4.26	0.84	-5.55	2.45	-0.52	-0.94	15.69	1.18	2.75	-0.50	-1.14	-0.95	6.97	-1.03	-3.09	5.04	0.91	18.7648
5004	1803	0.14	-5.42	2.53	5.58	1.40	2.66	-0.34	3.62	2.83	-0.53	0.85	-2.49	0.91	-0.81	-2.14	6.57	7.55	-4.12	18.7854
5005	5317	-1.27	22.80	-5.12	0.01	0.02	-3.70	-0.94	14.34	-6.37	0.93	1.75	2.09	-9.45	1.87	-1.03	-1.88	-17.50	22.24	18.7878
5006	923	-0.37	4.66	0.66	5.58	-0.68	2.13	1.56	-4.05	0.76	-2.34	1.10	-2.49	-1.43	-3.95	1.75	4.26	10.05	1.59	18.7929
5007	917	-0.32	-1.01	0.16	16.71	0.36	0.01	1.56	-2.42	-0.32	-0.16	0.73	-2.49	-2.66	-2.39	3.41	-2.33	12.56	-2.60	18.8092
5008	1591	0.65	-6.70	1.71	11.14	1.06	5.84	-0.94	-6.72	4.84	2.38	-1.36	-2.81	3.13	0.33	-1.58	9.54	7.55	-9.24	18.8227
5009	5794	0.07	9.76	-2.26	11.14	1.06	1.07	-0.94	12.89	-3.79	2.02	-0.24	-1.14	-6.56	2.65	-1.58	-2.24	-9.99	6.90	18.8345
5010	5454	0.07	11.00	-2.78	11.14	0.71	0.01	-0.94	11.87	-4.45	2.02	0.09	-1.14	-7.30	3.92	-1.58	-2.59	-9.99	8.78	18.8441
5011	3352	1.53	-3.83	-0.76	-11.11	0.02	-0.52	-0.34	4.88	-1.54	1.66	5.80	-2.49	22.25	1.03	-0.47	-2.59	5.04	0.32	18.8761
5012	4475	-0.05	5.09	-0.77	11.14	0.02	0.54	-0.34	0.99	0.32	-0.16	1.64	0.99	-1.93	3.72	-1.03	4.88	-9.99	2.61	18.8949
5013	4739	0.12	-3.29	1.29	-5.55	2.10	0.01	-0.34	10.68	1.36	0.20	2.06	2.21	-0.75	5.34	-2.14	7.62	-2.47	0.44	18.9060
5014	5665	-1.05	15.93	-3.48	0.01	0.71	-1.05	-0.94	16.80	-4.30	1.66	1.17	-1.14	-7.13	4.72	-1.03	-0.81	-17.50	16.35	18.9202
5015	5182	-0.68	22.38	-3.68	0.01	0.36	-2.11	-0.94	10.99	-4.63	0.20	-0.11	2.09	-7.50	0.89	-1.58	-1.29	-12.49	17.01	18.9209
5016	5557	1.20	5.17	-0.65	-5.55	0.71	0.54	-0.94	11.85	-0.46	4.57	1.24	-1.14	-2.80	6.19	-1.03	-0.18	-4.98	5.22	18.9665
5017	5543	0.81	7.07	-1.30	0.01	0.36	1.60	-0.94	10.02	-1.97	2.75	1.41	-1.14	-4.51	4.69	-2.69	3.09	-9.99	9.69	18.9676
5018	5742	-0.17	16.52	-3.90	11.14	0.36	-0.52	-0.94	10.80	-5.86	1.29	0.34	-1.14	-8.89	2.33	-1.58	-3.62	-9.99	12.79	18.9788
5019	3881	0.85	-5.25	1.80	5.58	1.40	0.01	1.56	2.58	2.27	-0.89	0.68	-2.49	0.28	1.76	3.41	0.59	7.55	-2.71	18.9831
5020	4069	1.34	-1.29	-1.04	-11.11	0.02	-2.64	1.56	4.01	-2.31	0.20	4.18	-2.49	21.40	-0.23	3.41	-6.00	7.55	2.44	18.9907
5021	274	-0.67	-3.22	1.79	5.58	1.06	-1.05	-0.34	3.42	2.21	-1.62	0.36	-2.49	0.22	-1.07	-1.03	1.01	17.57	-2.71	19.0198
5022	2539	0.49	-0.03	0.23	5.58	0.71	3.19	1.56	2.58	2.21	0.20	2.93	-2.49	0.17	-2.23	2.86	5.10	-2.47	-1.57	19.0225
5023	5398	-0.70	21.28	-3.11	0.01	0.36	-2.11	-0.94	11.36	-3.94	0.57	0.70	-1.14	-6.72	3.56	-1.58	-1.00	-12.49	14.90	19.0238
5024	462	-0.19	0.74	-1.05	-11.11	-0.33	-3.70	-0.34	4.86	-2.37	-0.53	3.86	-2.49	21.34	-3.06	-1.03	-5.59	17.57	2.44	19.0274
5025	501	-1.02	-5.11	1.95	-5.55	-0.33	-2.64	-0.34	-5.39	3.23	-1.25	1.06	1.30	27.65	-2.85	-0.47	-2.33	17.57	-6.44	19.0275
5026	5586	-0.76	16.97	-2.90	0.01	0.71	-1.05	-0.94	17.01	-3.61	0.93	1.66	-1.14	-6.35	3.69	-1.58	-0.36	-17.50	14.24	19.0361
5027	1991	0.62	-10.10	2.14	-5.55	0.02	1.60	-0.34	-5.54	4.91	0.20	1.68	1.30	29.53	-2.47	-1.03	2.87	10.05	-10.86	19.0488
5028	5953	-1.29	21.44	-4.59	0.01	0.36	-1.58	-0.94	15.73	-5.71	0.93	1.42	-1.14	-8.71	3.13	-1.03	-1.84	-17.50	20.36	19.0549
5029	5613	-1.29	22.69	-5.12	0.01	0.02	-2.64	-0.94	14.71	-6.37	0.93	1.75	-1.14	-9.46	4.40	-1.03	-2.19	-17.50	22.24	19.0645
5030	4555	-0.05	6.08	-1.35	11.14	0.02	1.60	-0.34	0.99	-0.38	-0.53	0.83	2.21	-2.71	3.57	-1.03	4.27	-9.99	4.72	19.0687
5031	2242	0.78	-7.56	1.38	-5.55	-1.02	0.54	-0.80	-2.55	1.40	1.29	0.06	0.10	25.57	-1.55	-1.03	-0.79	17.57	-8.75	19.0825
5032	4103	1.69	0.96	-0.34	5.58	1.06	3.19	1.56	3.65	1.52	-0.53	2.12	-2.49	-0.60	-0.95	2.86	4.29	-4.98	0.55	19.1325
5033	4495	0.54	3.03	1.63	5.58	0.36	1.60	-0.34	2.26	1.94	0.20	1.59	2.21	-0.09	3.06	-2.14	7.11	-7.48	-1.92	19.1328
5034	4489	0.58	-2.65	1.13	16.71	1.40	-0.52	-0.34	3.89	0.87	2.38	1.22	2.21	-1.32	4.63	-0.47	0.52	-4.98	-6.12	19.1492
5035	2506	0.43	-0.25	-0.46	-11.11	-0.33	-1.58	1.56	3.16	-1.63	-0.16	4.67	-2.49	22.16	-2.69	2.86	-5.35	10.05	0.32	19.1615
5036	3555	1.82	-9.11	1.57	-5.55	0.36	1.60	-0.34	-4.47	4.23	-0.53	0.87	1.30	28.76	-1.19	-1.03	2.06	7.55	-8.75	19.1678
5037	5874	-0.99	22.49	-4.02	0.01	0.36	-1.58	-0.94	15.94	-5.02	0.20	1.92	-1.14	-7.94	2.09	-1.58	-1.39	-17.50	18.24	19.1708
5038	1352	-0.07	-10.37	2.02	11.14	0.02	2.13	1.09	-6.16	3.24	1.66	-0.56	0.10	1.34	-0.48	3.41	5.86	17.57	-12.75	19.1911
5039	4990	0.29	-9.39	2.98	0.01	1.06	0.54	-0.80	3.08	4.51	0.93	-2.23	4.80	2.81	6.59	-1.03	6.85	7.55	-9.35	19.1955
5040	5478	-0.70	22.27	-3.69	0.01	0.36	-1.05	-0.94	11.36	-4.63	0.20	-0.11	-1.14	-7.50	3.41	-1.58	-1.61	-12.49	17.01	19.1976
5041	5239	0.59	13.29	-2.55	0.01	0.02	-1.58	-0.94	8.58	-3.54	2.02	1.66	2.09	-6.27	1.78	-2.69	2.62	-9.99	14.17	19.2570
5042	2361	-0.35	-6.89	2.77	5.58	1.40	-0.52	1.56	2.53	3.45	-0.16	1.16	-2.49	1.61	0.40	3.41	1.98	10.05	-6.23	19.2859
5043	4575	0.54	4.01	1.05	5.58	0.36	2.66	-0.34	2.26	1.25	-0.16	0.78	2.21	-0.88	2.91	-2.14	6.50	-7.48	0.19	19.3067
5044	3086	1.80	-7.56	1.41	-5.55	0.71	-0.52	-0.94	-4.05	1.50	1.66	0.06	-2.81	25.69	1.22	-1.58	-0.53	17.57	-8.75	19.3219
5045	4569	0.58	-1.66	0.55	16.71	1.40	0.54	-0.34	3.89	0.18	2.02	0.41	2.21	-2.10	4.48	-0.47	-0.09	-4.98	-4.01	19.3230
5046	5157	-0.21	9.08	-2.78	11.14	0.71	-1.05	-0.94	11.29	-4.45	3.11	0.40	2.09	-7.29	2.58	-1.03	-2.12	-9.99	8.78	19.3353
5047	882	-0.03	-0.62	1.13	16.71	0.71	-0.52	1.56	-1.18	0.86	-0.89	0.90	-2.49	-1.33	-3.49	2.86	-1.29	12.56	-6.12	19.3380
5048	1432	-0.07	-9.38	1.44	11.14	0.02	3.19	1.09	-6.16	2.55	1.29	-1.37	0.10	0.56	-0.63	3.41	5.25	17.57	-10.64	19.3649
5049	6049	-0.29	-3.18	1.01	0.01	2.79	-1.05	-0.94	10.71	2.35	2.38	-1.91	2.65	0.38	5.39	-1.03	2.75	0.03	-2.69	19.3817
5050	1602	0.59	-7.56	1.40	-5.55	0.36	0.54	-0.94	-5.12	1.49	2.02	0.06	-2.81	25.68	-0.21	-1.58	-0.33	20.07	-8.75	19.3834
5051	5713	-0.22	6.74	-1.68	11.14	1.06	0.01	-0.94	12.68	-3.09	3.48	0.89	-1.14	-5.77	3.99	-1.03	-1.48	-9.99	4.79	19.4285
5052	4351	1.40	-10.94	3.33	0.01	0.71	3.72	1.09	-1.97	4.65	-0.53	-1.42	0.10	2.94	1.41	1.75	9.96	12.56	-9.35	19.4411
5053	2441	-0.35	-5.90	2.19	5.58	1.40	0.54	1.56	2.53	2.76	-0.53	0.35	-2.49	0.83	0.25	3.41	1.38	10.05	-4.12	19.4598
5054	4068	1.00	2.63	-1.17	-11.11	-0.33	-2.64	1.56	2.16	-3.77	-0.89	4.86	-2.49	19.76	-0.61	2.30	-3.69	5.04	6.86	19.4718
5055	5362	-0.98	24.18	-4.73	0.01	0.36	-3.17	-0.94	15.58	-5.88	-0.16	1.11	2.09	-8.91	0.62	-1.58	-1.45	-17.50	20.83	19.4904
5056	962	-0.03	0.37	0.55	16.71	0.71	0.54	1.56	-1.18	0.17	-1.25	0.09	-2.49	-2.11	-3.64	2.86	-1.90	12.56	-4.01	19.5118
5057	3846	1.15	-4.86	2.77	5.58	1.75	-0.52	1.56	3.82	3.45	-1.62	0.85	-2.49	1.61	0.65	2.86	1.63	7.55	-6.23	19.5119
5058	5101	-0.98	19.36	-3.11	0.01	0.36	-3.17	-0.94	10.77	-3.93	1.66	1.02	2.09	-6.71	2.22	-1.03	-0.53	-12.49	14.89	19.5149
5059	3715	2.05	-6.70	1.69	11.14	0.02	5.84	-0.80	-3.09	4.75	1.29	-1.36	0.10	3.03	0.41	-1.03	8.87	2.54	-9.24	19.5156
5060	5289	-1.03	15.05	-2.90	0.01	0.71	-2.11	-0.94	16.43	-3.61	2.02	1.98	2.09	-6.34	2.35	-1.03	0.11	-17.50	14.24	19.5273
5061	5535	0.57	13.18	-2.55	0.01	0.02	-0.52	-0.94	8.95	-3.54	2.02	1.66	-1.14	-6.28	4.30	-2.69	2.30	-9.99	14.17	19.5338
5062																				

5065	5453	-0.22	8.97	-2.78	11.14	0.71	0.01	-0.94	11.65	4.46	3.11	0.40	-1.14	-7.29	5.10	-1.03	-2.44	-9.99	8.78	19.6120
5066	3926	1.15	-3.87	2.19	5.58	1.75	0.54	1.56	3.82	PUBLIC	2.76	-1.98	0.04	-2.49	0.83	0.50	2.86	1.02	-4.12	19.6857
5067	5181	-0.98	20.35	-3.68	0.01	0.36	-2.11	-0.94	10.77	-4.63	1.29	0.21	2.09	-7.49	2.07	-1.03	-1.14	-12.49	17.01	19.6888
5068	4619	2.14	-8.38	1.48	5.58	1.06	2.66	-0.34	1.70	3.72	3.11	1.86	2.21	1.89	5.38	-1.03	5.24	-2.47	-6.12	19.7022
5069	5848	1.28	-6.41	0.67	-5.55	2.45	0.01	-0.94	14.30	-1.29	5.29	2.12	-1.14	-3.74	7.36	-2.14	1.98	5.04	0.43	19.7291
5070	2831	0.19	-12.58	4.30	0.01	0.71	3.19	1.09	-2.01	5.83	0.20	-0.93	0.10	4.27	0.06	1.75	11.36	15.06	-12.87	19.7439
5071	5741	-0.46	14.49	-3.90	11.14	0.36	-0.52	-0.94	10.59	-5.85	2.38	0.66	-1.14	-8.88	3.51	-1.03	-3.47	-9.99	12.79	19.7467
5072	5658	-0.99	24.07	-4.73	0.01	0.36	-2.11	-0.94	15.94	-5.88	-0.16	1.11	-1.14	-8.91	3.14	-1.58	-1.76	-17.50	20.84	19.7671
5073	3287	1.34	-5.42	2.53	5.58	1.75	2.66	-0.34	4.69	2.84	-0.89	0.85	-2.49	0.91	0.62	-2.14	6.36	5.04	-4.12	19.7792
5074	273	-0.97	-5.25	1.79	5.58	1.06	-1.05	-0.34	3.21	2.22	-0.53	0.68	-2.49	0.23	0.11	-0.47	1.16	17.57	-2.71	19.7877
5075	4659	0.12	-4.28	1.87	-5.55	2.10	0.01	-0.34	10.68	2.06	0.57	2.87	2.21	0.04	5.49	-2.14	8.22	-2.47	-1.68	19.7898
5076	5397	-0.99	19.25	-3.11	0.01	0.36	-2.11	-0.94	11.14	-3.93	1.66	1.02	-1.14	-6.71	4.74	-1.03	-0.85	-12.49	14.90	19.7917
5077	461	-0.49	-1.29	-1.05	-11.11	-0.33	-3.70	-0.34	4.64	-2.36	0.57	4.18	-2.49	21.35	-1.88	-0.47	-5.44	17.57	2.44	19.7953
5078	5585	-1.05	14.94	-2.90	0.01	0.71	-1.05	-0.94	16.80	-3.61	2.02	1.98	-1.14	-6.35	4.87	-1.03	-0.21	-17.50	14.24	19.8040
5079	5156	-0.55	13.00	-2.92	11.14	0.36	-1.05	-0.94	9.43	-5.90	2.02	1.09	2.09	-8.93	2.20	-2.14	0.19	-12.49	13.20	19.8163
5080	2195	0.84	-8.33	2.65	11.14	0.02	5.31	-0.80	-3.13	5.93	2.02	-0.88	0.10	4.36	-0.95	-1.03	10.27	5.04	-12.75	19.8184
5081	2241	0.49	-9.60	1.38	-5.55	-1.02	0.54	-0.80	-2.77	1.41	2.38	0.37	0.10	25.58	-0.37	-0.47	-0.64	17.57	-8.75	19.8504
5082	867	-0.95	5.09	-0.77	11.14	-0.68	0.54	1.56	-4.30	0.32	-2.34	1.64	-2.49	-1.93	-3.22	2.86	3.22	7.55	2.61	19.8516
5083	1131	-0.78	-3.29	1.29	-5.55	1.40	0.01	1.56	5.40	1.36	-1.98	2.06	-2.49	-0.75	-1.60	1.75	5.96	15.06	0.44	19.8627
5084	5122	0.09	9.48	-1.82	11.14	1.06	-1.58	-0.94	12.52	-3.27	2.38	0.57	2.09	-5.96	1.48	-1.58	-1.08	-9.99	5.26	19.8640
5085	5712	-0.56	10.66	-1.82	11.14	0.71	0.01	-0.94	10.82	-4.55	2.38	1.57	-1.14	-7.41	3.60	-2.14	0.84	-12.49	9.21	19.9096
5086	6014	0.01	-2.78	1.98	0.01	3.14	-1.58	-0.94	11.95	3.53	1.66	-1.74	2.65	1.70	4.28	-1.58	3.79	0.03	-6.20	19.9104
5087	2911	0.19	-11.59	3.72	0.01	0.71	4.25	1.09	-2.01	5.13	-0.16	-1.74	0.10	3.49	-0.09	1.75	10.75	15.06	-10.75	19.9178
5088	2505	0.13	-2.28	-0.46	-11.11	-0.33	-1.58	1.56	2.94	-1.62	0.93	4.99	-2.49	22.17	-1.51	3.41	-5.20	10.05	0.32	19.9294
5089	495	-0.13	0.96	-0.36	5.58	0.71	2.13	-0.34	4.28	1.47	-0.16	2.12	-2.49	-0.66	-2.60	-1.03	4.86	5.04	0.55	19.9371
5090	5873	-1.29	20.46	-4.02	0.01	0.36	-1.58	-0.94	15.73	-5.01	1.29	2.23	-1.14	-7.93	3.28	-1.03	-1.24	-17.50	18.24	19.9387
5091	2162	0.78	-8.55	1.96	-5.55	-1.02	0.54	-0.80	-2.55	2.09	1.66	0.87	0.10	26.35	-1.40	-1.03	-0.19	17.57	-10.86	19.9573
5092	4989	-0.01	-11.42	2.99	0.01	1.06	0.54	-0.80	2.86	4.52	2.02	-1.91	4.80	2.81	7.77	-0.47	7.00	7.55	-9.35	19.9634
5093	5477	-0.99	20.24	-3.68	0.01	0.36	-1.05	-0.94	11.14	-4.63	1.29	0.21	-1.14	-7.49	4.59	-1.03	-1.46	-12.49	17.01	19.9655
5094	5843	1.34	1.01	-1.33	0.01	0.71	3.19	-0.94	10.49	-0.24	4.20	1.53	-1.14	-2.56	4.74	-1.58	3.23	-7.48	4.79	19.9816
5095	2275	0.84	-7.35	2.08	11.14	0.02	6.37	-0.80	-3.13	5.24	1.66	-1.69	0.10	3.58	-1.09	-1.03	9.66	5.04	-10.64	19.9922
5096	4023	1.69	-0.03	0.23	5.58	1.06	3.19	1.56	3.65	2.21	-0.16	2.93	-2.49	0.18	-0.80	2.86	4.90	-4.98	-1.57	20.0164
5097	947	-0.95	6.08	-1.35	11.14	-0.68	1.60	1.56	-4.30	-0.38	-2.71	0.83	-2.49	-2.71	-3.36	2.86	2.61	7.55	4.72	20.0254
5098	5202	0.09	10.47	-2.39	11.14	1.06	-0.52	-0.94	12.52	-3.96	2.02	-0.24	2.09	-6.75	1.33	-1.58	-1.69	-9.99	7.38	20.0378
5099	3475	1.82	-10.10	2.14	-5.55	0.36	1.60	-0.34	-4.47	4.92	-0.16	1.68	1.30	29.54	-1.04	-1.03	2.67	7.55	-10.86	20.0427
5100	3039	1.86	-8.33	2.68	11.14	1.75	4.25	-0.94	-4.63	6.03	2.38	-0.88	-2.81	4.48	1.83	-1.58	10.53	5.04	-12.75	20.0578
5101	3726	1.99	-7.56	1.38	-5.55	-0.68	0.54	-0.80	-1.48	1.41	0.93	0.06	0.10	25.58	-0.12	-1.03	-1.00	15.06	-8.75	20.0763
5102	5792	-0.56	11.65	-2.39	11.14	0.71	1.07	-0.94	10.82	-5.24	2.02	0.76	-1.14	-8.19	3.45	-2.14	0.23	-12.49	11.32	20.0834
5103	6094	0.01	-1.80	1.40	0.01	3.14	-0.52	-0.94	11.95	2.84	1.29	-2.55	2.65	0.92	4.13	-1.58	3.18	0.03	-4.09	20.0843
5104	887	-0.37	3.03	1.63	5.58	-0.33	1.60	1.56	-3.03	1.94	-1.98	1.59	-2.49	-0.09	-3.88	1.75	5.45	10.05	-1.92	20.0895
5105	3085	1.50	-9.60	1.41	-5.55	0.71	-0.52	-0.94	-4.26	1.51	2.75	0.37	-2.81	25.70	2.41	-1.03	-0.38	17.57	-8.75	20.0898
5106	5452	-0.56	12.89	-2.92	11.14	0.36	0.01	-0.94	9.80	-5.90	2.02	1.09	-1.14	-8.94	4.72	-2.14	-0.12	-12.49	13.20	20.0931
5107	881	-0.32	-2.65	1.13	16.71	0.71	-0.52	1.56	-1.40	0.87	0.20	1.22	-2.49	-1.32	-2.31	3.41	-1.14	12.56	-6.12	20.1059
5108	1555	0.65	-8.33	2.67	11.14	1.40	5.31	-0.94	-5.70	6.02	2.75	-0.88	-2.81	4.47	0.40	-1.58	10.74	7.55	-12.75	20.1193
5109	5418	0.07	9.37	-1.82	11.14	1.06	-0.52	-0.94	12.89	-3.27	2.38	0.57	-1.14	-5.96	4.00	-1.58	-1.40	-9.99	5.27	20.1408
5110	1601	0.30	-9.60	1.41	-5.55	0.36	0.54	-0.94	-5.33	1.50	3.11	0.37	-2.81	25.69	0.98	-1.03	-0.17	20.07	-8.75	20.1513
5111	1382	-0.62	-9.39	2.98	0.01	0.36	0.54	1.09	-2.21	4.51	-1.25	-2.23	0.10	2.80	-0.35	2.86	5.19	25.08	-9.35	20.1522
5112	3990	1.63	-0.25	-0.46	-11.11	0.02	-1.58	1.56	4.23	-1.62	-0.53	4.67	-2.49	22.17	-1.26	2.86	-5.55	7.55	0.32	20.1553
5113	5150	-0.15	17.23	-4.03	11.14	0.36	-2.11	-0.94	10.43	-6.03	1.29	0.34	2.09	-9.07	1.00	-1.58	-3.07	-9.99	13.27	20.1822
5114	3006	1.80	-8.55	1.98	-5.55	0.71	-0.52	-0.94	-4.05	2.19	2.02	0.87	-2.81	26.47	1.37	-1.58	0.08	17.57	-10.86	20.1967
5115	5740	-0.80	18.41	-4.03	11.14	0.02	-0.52	-0.94	8.73	-7.31	1.29	1.34	-1.14	-10.52	3.13	-2.14	-1.15	-12.49	17.21	20.2278
5116	3119	1.86	-7.35	2.10	11.14	1.75	5.31	-0.94	-4.63	5.34	2.02	-1.69	-2.81	3.70	1.68	-1.58	9.92	5.04	-10.64	20.2316
5117	743	-0.43	-10.94	3.32	0.01	0.36	2.66	-0.80	-1.34	4.59	-0.16	-1.42	0.10	2.89	-0.23	-2.14	10.53	22.57	-9.35	20.2457
5118	5361	-1.27	22.15	-4.73	0.01	0.36	-3.17	-0.94	15.36	-5.88	0.93	1.42	2.09	-8.90	1.80	-1.03	-1.29	-17.50	20.83	20.2583
5119	1522	0.59	-8.55	1.98	-5.55	0.36	0.54	-0.94	-5.12	2.19	2.38	0.87	-2.81	26.46	-0.06	-1.58	0.28	20.07	-10.86	20.2583
5120	967	-0.37	4.01	1.05	5.58	-0.33	2.66	1.56	-3.03	1.25	-2.34	0.78	-2.49	-0.88	-4.02	1.75	4.84	10.05	0.19	20.2634
5121	5706	-0.17	14.88	-2.93	11.14	0.71	-1.05	-0.94	11.82	-4.67	1.66	0.83	-1.14	-7.55	2.41	-1.58	-2.43	-9.99	9.27	20.2754
5122	460	-0.83	2.63	-1.18	-11.11	-0.68	-3.70	-0.34	2.79	-3.82	-0.53	4.86	-2.49	19.70	-2.26	-1.58	-3.12	15.06	6.86	20.2764
5123	961	-0.32	-1.66	0.55	16.71	0.71	0.54	1.56	-1.40	0.18	-0.16	0.41	-2.49	-2.10	-2.46	3.41	-1.75	12.56	-4.01	20.2797
5124	3845	0.85	-6.89	2.77	5.58	1.75	-0.52	1.56	3.60	3.46	-0.53	1.16	-2.49	1.62	1.83	3.41	1.78	7.55	-6.23	20.2798
5125	1635	0.65	-7.35	2.10	11.14	1.40	6.37	-0.94	-5.70	5.33	2.38	-1.69	-2.81	3.68	0.25	-1.58	10.13	7.55	-10.64	20.2932
5126	5731	-0.51	20.77	-3.60	0.01	0.02	0.01	-0.94	8.95	-4.84	0.57	1.03	-1.14	-7.74	2.15	-2.69	2.80	-12.49	17.93	20.3039

5130	5919	-0.56	16.46	-3.39	0.01	0.36	1.07	-0.94	14.61	4.51	0.93	1.99	-1.14	-7.38	2.28	-2.69	3.44	-17.50	17.28	20.3175
5131	2240	0.15	-5.68	1.25	-5.55	-1.37	0.54	-0.80	-4.62	-0.05	1.29	1.06	0.10	23.94	-0.75	-1.58	1.68	15.06	-4.33	20.3315
5132	5282	-0.98	23.19	-4.15	0.01	0.36	-3.17	-0.94	15.58	-5.19	0.20	1.92	2.09	-8.13	0.77	-1.58	-0.84	-17.50	18.72	20.3742
5133	2504	-0.21	1.64	-0.60	-11.11	-0.68	-1.58	1.56	1.09	-3.08	-0.16	5.67	-2.49	20.53	-1.89	2.30	-2.88	7.55	4.74	20.4104
5134	5786	-0.17	15.87	-3.51	11.14	0.71	0.01	-0.94	11.82	-5.37	1.29	0.02	-1.14	-8.33	2.26	-1.58	-3.04	-9.99	11.38	20.4493
5135	3925	0.85	-5.90	2.20	5.58	1.75	0.54	1.56	3.60	2.76	-0.89	0.35	-2.49	0.83	1.68	3.41	1.17	7.55	-4.12	20.4536
5136	5446	-0.17	17.11	-4.03	11.14	0.36	-1.05	-0.94	10.80	-6.03	1.29	0.34	-1.14	-9.08	3.52	-1.58	-3.39	-9.99	13.27	20.4589
5137	318	-0.67	-3.87	2.18	5.58	1.40	-0.52	-0.34	4.44	2.71	-1.62	0.04	-2.49	0.78	-1.15	-1.03	1.59	17.57	-4.12	20.4903
5138	4954	0.29	-11.03	3.95	0.01	1.40	0.01	-0.80	4.10	5.70	1.29	-1.74	4.80	4.14	6.66	-1.03	8.04	7.55	-12.87	20.4921
5139	5657	-1.29	22.04	-4.73	0.01	0.36	-2.11	-0.94	15.73	-5.88	0.93	1.42	-1.14	-8.90	4.32	-1.03	-1.61	-17.50	20.84	20.5350
5140	103	-0.62	-10.94	3.34	0.01	1.75	2.66	-0.94	-3.90	4.69	0.57	-1.42	-2.81	2.99	1.11	-2.69	11.00	25.08	-9.35	20.5466
5141	5835	1.10	7.12	-2.58	0.01	0.36	1.07	-0.94	9.42	-1.81	3.48	1.79	9.42	-1.14	-4.33	4.34	2.44	-7.48	9.27	20.5477
5142	3084	1.16	-5.68	1.27	-5.55	0.36	-0.52	-0.94	-6.12	0.05	1.66	1.06	-2.81	24.05	2.02	-2.14	1.94	15.06	-4.33	20.5709
5143	5121	-0.21	7.45	-1.81	11.14	1.06	-1.58	-0.94	12.31	-3.26	3.48	0.89	2.09	-5.95	2.66	-1.03	-0.93	-9.99	5.26	20.6319
5144	1600	-0.04	-5.68	1.27	-5.55	0.02	0.54	-0.94	-7.18	0.05	2.02	1.06	-2.81	24.04	0.59	-2.14	2.14	17.57	-4.33	20.6324
5145	5578	-0.99	23.08	-4.15	0.01	0.36	-2.11	-0.94	15.94	-5.19	0.20	1.92	-1.14	-8.13	3.29	-1.58	-1.15	-17.50	18.72	20.6509
5146	1011	1.24	-8.38	1.48	5.58	0.36	2.66	1.56	-3.58	3.72	0.93	1.86	-2.49	1.89	-1.56	2.86	3.58	15.06	-6.12	20.6589
5147	5034	0.29	-10.04	3.38	0.01	1.40	1.07	-0.80	4.10	5.01	0.93	-2.55	4.80	3.36	6.52	-1.03	7.43	7.55	-10.75	20.6660
5148	6013	-0.29	-4.82	1.98	0.01	3.14	-1.58	-0.94	11.73	3.54	2.75	-1.43	2.65	1.71	5.47	-1.03	3.94	0.03	-6.20	20.6783
5149	2707	0.09	-3.65	1.73	-5.55	-0.33	0.54	1.56	-8.25	2.69	-2.34	0.74	1.30	27.03	-4.10	1.75	1.77	10.05	-4.33	20.7022
5150	2161	0.49	-10.58	1.96	-5.55	-1.02	0.54	-0.80	-2.77	2.10	2.75	1.18	0.10	26.36	-0.22	-0.47	-0.04	17.57	-10.86	20.7252
5151	4315	1.40	-12.58	4.30	0.01	1.06	3.19	1.09	-0.94	5.83	-0.16	-0.93	0.10	4.28	1.49	1.75	11.16	12.56	-12.87	20.7377
5152	1051	-0.78	-4.28	1.87	-5.55	1.40	0.01	1.56	5.40	2.06	-1.62	2.87	-2.49	0.04	-1.45	1.75	6.56	15.06	-1.68	20.7465
5153	5342	0.14	17.30	-2.88	-5.55	0.71	-1.58	-0.94	16.29	-3.18	1.66	1.51	2.09	-5.87	1.27	-1.58	0.57	-12.49	13.29	20.7519
5154	5201	-0.21	8.43	-2.39	11.14	1.06	-0.52	-0.94	12.31	-3.95	3.11	0.08	2.09	-6.74	2.51	-1.03	-1.54	-9.99	7.38	20.8057
5155	1942	-0.10	6.21	-0.89	-11.11	-0.68	-2.64	-0.34	4.95	-1.21	-1.25	3.74	-2.49	22.64	-2.84	-1.03	-4.05	5.04	6.86	20.8101
5156	3679	2.05	-8.33	2.65	11.14	0.36	5.31	-0.80	-2.06	5.94	1.66	-0.88	0.10	4.37	0.49	-1.03	10.07	2.54	-12.75	20.8122
5157	415	-0.13	-0.03	0.22	5.58	0.71	2.13	-0.34	4.28	2.16	0.20	2.93	-2.49	0.13	-2.45	-1.03	5.47	5.04	-1.57	20.8209
5158	4528	0.77	-2.56	-0.13	16.71	1.06	1.07	-0.34	1.48	-0.21	2.38	1.54	2.21	-2.54	5.41	-0.47	2.03	-4.98	-2.60	20.8277
5159	3725	1.69	-9.60	1.39	-5.55	-0.68	0.54	-0.80	-1.70	1.41	2.02	0.37	0.10	25.59	1.06	-0.47	-0.84	15.06	-8.75	20.8442
5160	6093	-0.29	-3.83	1.40	0.01	3.14	-0.52	-0.94	11.73	2.84	2.38	-2.24	2.65	0.93	5.32	-1.03	3.34	0.03	-4.09	20.8522
5161	5417	-0.22	7.33	-1.81	11.14	1.06	-0.52	-0.94	12.68	-3.26	3.48	0.89	-1.14	-5.96	5.18	-1.03	-1.25	-9.99	5.27	20.9087
5162	4395	1.40	-11.59	3.73	0.01	1.06	4.25	1.09	-0.94	5.14	-0.53	-1.74	0.10	3.49	1.34	1.75	10.55	12.56	-10.75	20.9116
5163	1381	-0.91	-11.42	2.99	0.01	0.36	0.54	1.09	-2.42	4.52	-0.16	-1.91	0.10	2.81	0.83	3.41	5.34	25.08	-9.35	20.9201
5164	3989	1.34	-2.28	-0.46	-11.11	0.02	-1.58	1.56	4.01	-1.62	0.57	4.99	-2.49	22.18	-0.08	3.41	-5.40	7.55	0.32	20.9232
5165	5256	1.29	-5.71	0.54	-5.55	2.45	-1.58	-0.94	13.94	-1.46	5.29	2.12	2.09	-3.92	6.03	-2.14	2.53	5.04	0.91	20.9324
5166	5149	-0.45	15.19	-4.03	11.14	0.36	-2.11	-0.94	10.22	-6.02	2.38	0.66	2.09	-9.07	2.18	-1.03	-2.92	-9.99	13.27	20.9501
5167	3646	1.99	-8.55	1.96	-5.55	-0.68	0.54	-0.80	-1.48	2.10	1.29	0.87	0.10	26.36	0.03	-1.03	-0.39	15.06	-10.86	20.9512
5168	382	-0.19	-0.25	-0.47	-11.11	-0.33	-2.64	-0.34	4.86	-1.67	-0.16	4.67	-2.49	22.12	-2.91	-1.03	-4.99	17.57	0.32	20.9599
5169	3005	1.50	-10.58	1.98	-5.55	0.71	-0.52	-0.94	-4.26	2.20	3.11	1.18	-2.81	26.48	2.56	-1.03	0.23	17.57	-10.86	20.9646
5170	2588	0.33	-2.84	-1.33	-11.11	-0.33	-1.58	1.56	1.56	-2.21	0.93	4.99	-2.49	21.51	-0.81	3.41	-3.11	10.05	2.44	20.9720
5171	3759	2.05	-7.35	2.08	11.14	0.36	6.37	-0.80	-2.06	5.24	1.29	-1.69	0.10	3.59	0.34	-1.03	9.46	2.54	-10.64	20.9861
5172	5978	0.13	15.95	-2.35	-5.55	1.06	0.54	-0.94	17.68	-2.52	1.66	1.18	-1.14	-5.13	2.52	-1.58	0.61	-12.49	11.41	21.0190
5173	1521	0.30	-10.58	1.98	-5.55	0.36	0.54	-0.94	-5.33	2.19	3.48	1.18	-2.81	26.46	1.13	-1.03	0.43	20.07	-10.86	21.0262
5174	5638	0.13	17.19	-2.88	-5.55	0.71	-0.52	-0.94	16.65	-3.18	1.66	1.51	-1.14	-5.87	3.79	-1.58	0.26	-12.49	13.29	21.0286
5175	5705	-0.46	12.85	-2.93	11.14	0.71	-1.05	-0.94	11.61	-4.67	2.75	1.14	-1.14	-7.54	3.59	-1.03	-2.28	-9.99	9.27	21.0434
5176	5497	-0.22	8.32	-2.39	11.14	1.06	0.54	-0.94	12.68	-3.95	3.11	0.08	-1.14	-6.74	5.03	-1.03	-1.86	-9.99	7.38	21.0825
5177	5850	2.03	1.42	-0.68	5.58	1.75	1.07	-0.94	12.53	-1.27	4.93	1.05	-1.14	-3.73	4.06	-1.58	-2.08	-2.47	0.54	21.0828
5178	237	-0.97	-6.89	2.76	5.58	1.40	-1.58	-0.34	4.23	3.41	-0.16	1.16	-2.49	1.57	0.19	-0.47	2.35	17.57	-6.23	21.0844
5179	5752	-0.03	6.83	-2.94	11.14	0.71	1.60	-0.94	10.27	-4.17	3.48	1.21	-1.14	-6.99	4.76	-1.03	0.02	-9.99	8.30	21.1071
5180	5120	-0.55	11.36	-1.95	11.14	0.71	-1.58	-0.94	10.46	-4.72	2.38	1.57	2.09	-7.60	2.28	-2.14	1.39	-12.49	9.68	21.1130
5181	5281	-1.27	21.16	-4.15	0.01	0.36	-3.17	-0.94	15.36	-5.18	1.29	2.23	2.09	-8.12	1.95	-1.03	-0.69	-17.50	18.72	21.1421
5182	5251	1.35	1.72	-1.46	0.01	0.71	1.60	-0.94	10.12	-0.40	4.20	1.53	2.09	-2.74	3.41	-1.58	3.78	-7.48	5.26	21.1850
5183	2160	0.15	-6.67	1.82	-5.55	-1.37	0.54	-0.80	-4.62	0.65	1.66	1.87	0.10	24.72	-0.60	-1.58	2.28	15.06	-6.44	21.2063
5184	5552	1.28	-5.82	0.54	-5.55	2.45	-0.52	-0.94	14.30	-1.46	5.29	2.12	-1.14	-3.93	8.55	-2.14	2.22	5.04	0.91	21.2092
5185	5785	-0.46	13.84	-3.51	11.14	0.71	0.01	-0.94	11.61	-5.36	2.38	0.33	-1.14	-8.33	3.44	-1.03	-2.89	-9.99	11.38	21.2172
5186	5445	-0.46	15.08	-4.03	11.14	0.36	-1.05	-0.94	10.59	-6.02	2.38	0.66	-1.14	-9.07	4.71	-1.03	-3.24	-9.99	13.27	21.2268
5187	317	-0.97	-5.90	2.18	5.58	1.40	-0.52	-0.34	4.23	2.71	-0.53	0.35	-2.49	0.78	0.04	-0.47	1.74	17.57	-4.12	21.2582
5188	4953	-0.01	-13.06	3.95	0.01	1.40	0.01	-0.80	3.88	5.71	2.38	-1.43	4.80	4.15	7.85	-0.47	8.20	7.55	-12.87	21.2600
5189	5200	-0.55	12.35	-2.53	11.14	0.71	-0.52	-0.94	10.46	-5.41	2.02	0.76	2.09	-8.38	2.13	-2.14	0.78	-12.49	11.80	21.2868
5190	3724	1.35	-5.68	1.25	-5.55	-1.02	0.54	-0.80	-3.55	-0.04	0.93	1.06	0.10	23.95	0.68	-1.58	1.47	12.56	-4.33	21.3253
5191	5416	-0.56	11.25	-1.95	11.14	0.71	-0.52	-0.94	10.82	-4.72	2.38	1.57	-1.14	-7.60	4.80	-2.14	1.07	-12.49	9.69	

5195	5033	-0.01	-12.07	3.38	0.01	1.40	1.07	-0.80	3.88	5.01	2.02	-2.24	4.80	3.37	7.70	-0.47	7.59	7.55	-10.75	21.4339
5196	3004	1.16	-6.67	1.85	-5.55	0.36	-0.52	-0.94	-6.12	0.74	2.02	1.87	-2.81	24.83	2.17	-2.14	2.55	15.06	-6.44	21.4457
5197	1346	-0.62	-11.03	3.95	0.01	0.71	0.01	1.09	-1.18	5.70	-0.89	-1.74	0.10	4.14	-0.27	2.86	6.38	25.08	-12.87	21.4488
5198	4830	0.18	-2.09	1.38	-5.55	0.36	-2.64	-0.34	-2.14	2.57	-1.25	-0.07	6.00	26.90	2.50	-1.03	-1.54	2.54	-4.33	21.4504
5199	5547	1.34	1.60	-1.46	0.01	0.71	2.66	-0.94	10.49	-0.40	4.20	1.53	-1.14	-2.75	5.93	-1.58	3.47	-7.48	5.27	21.4617
5200	5114	-0.15	15.59	-3.06	11.14	0.71	-2.64	-0.94	11.46	-4.84	1.66	0.83	2.09	-7.74	1.08	-1.58	-1.88	-9.99	9.75	21.4788
5201	1520	-0.04	-6.67	1.85	-5.55	0.02	0.54	-0.94	-7.18	0.74	2.38	1.87	-2.81	24.82	0.74	-2.14	2.75	17.57	-6.44	21.5072
5202	5139	-0.49	21.48	-3.73	0.01	0.02	-1.58	-0.94	8.58	-5.01	0.57	1.03	2.09	-7.93	0.82	-2.69	3.35	-12.49	18.41	21.5072
5203	5341	-0.15	15.27	-2.87	-5.55	0.71	-1.58	-0.94	16.07	-3.18	2.75	1.82	2.09	-5.86	2.45	-1.03	0.73	-12.49	13.29	21.5198
5204	5327	-0.55	17.17	-3.52	0.01	0.36	-0.52	-0.94	14.24	-4.68	0.93	1.99	2.09	-7.56	0.95	-2.69	3.99	-17.50	17.75	21.5209
5205	5704	-0.80	16.77	-3.07	11.14	0.36	-1.05	-0.94	9.76	-6.12	1.66	1.83	-1.14	-9.18	3.21	-2.14	0.04	-12.49	13.69	21.5244
5206	707	-0.43	-12.58	4.29	0.01	0.71	2.13	-0.80	-0.32	5.78	0.20	-0.93	0.10	4.23	-0.16	-2.14	11.73	22.57	-12.87	21.5423
5207	5496	-0.56	12.24	-2.53	11.14	0.71	0.54	-0.94	10.82	-5.41	2.02	0.76	-1.14	-8.38	4.65	-2.14	0.46	-12.49	11.80	21.5636
5208	2627	0.09	-4.63	2.31	-5.55	-0.33	0.54	1.56	-8.25	3.39	-1.98	1.55	1.30	27.81	-3.96	1.75	2.37	10.05	-6.44	21.5771
5209	1941	-0.40	4.18	-0.89	-11.11	-0.68	-2.64	-0.34	4.73	-1.20	-0.16	4.05	-2.49	22.65	-1.66	-0.47	-3.90	5.04	6.86	21.5780
5210	1426	-0.62	-10.04	3.38	0.01	0.71	1.07	1.09	-1.18	5.01	-1.25	-2.55	0.10	3.36	-0.42	2.86	5.77	25.08	-10.75	21.6226
5211	5819	1.41	-4.38	1.31	-5.55	2.45	2.13	-0.94	14.52	1.46	2.02	0.00	-1.14	-0.65	4.46	-2.69	1.74	5.04	0.43	21.6326
5212	5194	-0.15	16.58	-3.64	11.14	0.71	-1.58	-0.94	11.46	-5.54	1.29	0.02	2.09	-8.52	0.93	-1.58	-2.49	-9.99	11.86	21.6527
5213	4191	1.29	-3.65	1.73	-5.55	0.02	0.54	1.56	-7.19	2.70	-2.71	0.74	1.30	27.04	-2.67	1.75	1.57	7.55	-4.33	21.6961
5214	5784	-0.80	17.76	-3.64	11.14	0.36	0.01	-0.94	9.76	-6.82	1.29	1.02	-1.14	-9.97	3.06	-2.14	-0.57	-12.49	15.80	21.6983
5215	5444	-0.80	19.00	-4.17	11.14	0.02	-1.05	-0.94	8.73	-7.48	1.29	1.34	-1.14	-10.71	4.32	-2.14	-0.92	-12.49	17.69	21.7079
5216	787	-0.43	-11.59	3.71	0.01	0.71	3.19	-0.80	-0.32	5.09	-0.16	-1.74	0.10	3.44	-0.31	-2.14	11.12	22.57	-10.75	21.7162
5217	3645	1.69	-10.58	1.96	-5.55	-0.68	0.54	-0.80	-1.70	2.11	2.38	1.18	0.10	26.37	1.21	-0.47	-0.24	15.06	-10.86	21.7191
5218	381	-0.49	-2.28	-0.47	-11.11	-0.33	-2.64	-0.34	4.64	-1.67	0.93	4.99	-2.49	22.12	-1.73	-0.47	-4.83	17.57	0.32	21.7278
5219	5243	1.12	7.83	-2.71	0.01	0.36	-0.52	-0.94	9.05	-1.98	3.48	1.79	2.09	-4.51	3.01	-1.58	2.99	-7.48	9.75	21.7511
5220	5410	-0.17	15.48	-3.07	11.14	0.71	-1.58	-0.94	11.82	-4.84	1.66	0.83	-1.14	-7.74	3.60	-1.58	-2.20	-9.99	9.75	21.7556
5221	5435	-0.51	21.37	-3.73	0.01	0.02	-0.52	-0.94	8.95	-5.01	0.57	1.03	-1.14	-7.93	3.34	-2.69	3.03	-12.49	18.41	21.7840
5222	920	-0.13	-2.56	-0.13	16.71	0.36	1.07	1.56	-3.80	-0.21	0.20	1.54	-2.49	-2.54	-1.53	3.41	0.37	12.56	-2.60	21.7844
5223	5977	-0.17	13.91	-2.35	-5.55	1.06	0.54	-0.94	17.46	-2.52	2.75	1.50	-1.14	-5.12	3.71	-1.03	0.76	-12.49	11.41	21.7869
5224	5963	-0.56	15.81	-3.00	0.01	0.71	1.60	-0.94	15.63	-4.02	0.93	1.66	-1.14	-6.82	2.21	-2.69	4.02	-17.50	15.87	21.7880
5225	5637	-0.17	15.16	-2.87	-5.55	0.71	-0.52	-0.94	16.44	-3.18	2.75	1.82	-1.14	-5.86	4.97	-1.03	0.41	-12.49	13.29	21.7966
5226	5623	-0.56	17.06	-3.52	0.01	0.36	0.54	-0.94	14.61	-4.68	0.93	1.99	-1.14	-7.57	3.47	-2.69	3.67	-17.50	17.76	21.7976
5227	3426	1.10	6.21	-0.89	-11.11	-0.33	-2.64	-0.34	6.01	-1.20	-1.62	3.74	-2.49	22.65	-1.41	-1.03	-4.25	2.54	6.86	21.8040
5228	5855	1.69	5.06	-0.18	-5.55	0.71	3.19	-0.94	10.68	-0.18	3.84	1.74	-1.14	-2.50	3.68	-2.69	4.66	-4.98	4.74	21.8343
5229	67	-0.62	-12.58	4.31	0.01	2.10	2.13	-0.94	-2.88	5.87	0.93	-0.93	-2.81	4.33	1.19	-2.69	12.19	25.08	-12.87	21.8433
5230	5849	1.73	-0.62	-0.68	5.58	1.75	1.07	-0.94	12.32	-1.26	6.02	1.37	-1.14	-3.73	5.25	-1.03	-1.92	-2.47	0.54	21.8507
5231	5898	0.13	14.96	-1.77	-5.55	1.06	0.54	-0.94	17.68	-1.83	2.02	1.99	-1.14	-4.35	2.67	-1.58	1.22	-12.49	9.29	21.9028
5232	5490	-0.17	16.46	-3.64	11.14	0.71	-0.52	-0.94	11.82	-5.54	1.29	0.02	-1.14	-8.52	3.45	-1.58	-2.80	-9.99	11.86	21.9294
5233	5911	-0.80	22.57	-4.64	0.01	0.02	0.01	-0.94	13.54	-6.09	0.20	2.24	-1.14	-9.15	1.88	-2.69	2.64	-17.50	21.76	21.9323
5234	4072	1.53	-2.84	-1.33	-11.11	0.02	-1.58	1.56	2.63	-2.20	0.57	4.99	-2.49	21.52	0.63	3.41	-3.31	7.55	2.44	21.9659
5235	147	-0.62	-11.59	3.74	0.01	2.10	3.19	-0.94	-2.88	5.18	0.57	-1.74	-2.81	3.55	1.04	-2.69	11.58	25.08	-10.75	22.0171
5236	5539	1.10	7.71	-2.71	0.01	0.36	0.54	-0.94	9.42	-1.98	3.48	1.79	-1.14	-4.52	5.53	-1.58	2.68	-7.48	9.75	22.0278
5237	4492	0.77	-4.20	0.84	16.71	1.40	0.54	-0.34	2.51	0.98	2.75	2.03	2.21	-1.20	5.48	-0.47	3.22	-4.98	-6.12	22.1243
5238	3644	1.35	-6.67	1.83	-5.55	-1.02	0.54	-0.80	-3.55	0.65	1.29	1.87	0.10	24.72	0.83	-1.58	2.08	12.56	-6.44	22.2001
5239	380	-0.83	1.64	-0.61	-11.11	-0.68	-2.64	-0.34	2.79	-3.12	-0.16	5.67	-2.49	20.48	-2.11	-1.58	-2.51	15.06	4.74	22.2089
5240	1345	-0.91	-13.06	3.95	0.01	0.71	0.01	1.09	-1.40	5.71	0.20	-1.43	0.10	4.15	0.91	3.41	6.54	25.08	-12.87	22.2167
5241	4829	-0.11	-4.12	1.38	-5.55	0.36	-2.64	-0.34	-2.36	2.57	-0.16	0.25	6.00	26.91	3.68	-0.47	-1.39	2.54	-4.33	22.2183
5242	5386	0.14	16.65	-2.48	-5.55	1.06	-1.05	-0.94	17.31	-2.69	1.66	1.18	2.09	-5.32	1.20	-1.58	1.16	-12.49	11.88	22.2224
5243	5113	-0.45	13.56	-3.06	11.14	0.71	-2.64	-0.94	11.24	-4.84	2.75	1.14	2.09	-7.73	2.26	-1.03	-1.73	-9.99	9.75	22.2467
5244	5258	2.04	2.12	-0.81	5.58	1.75	-0.52	-0.94	12.17	-1.43	4.93	1.05	2.09	-3.92	2.74	-1.58	-1.53	-2.47	1.02	22.2862
5245	4572	0.77	-3.21	0.26	16.71	1.40	1.60	-0.34	2.51	0.28	2.38	1.22	2.21	-1.99	5.33	-0.47	2.61	-4.98	-4.01	22.2982
5246	5160	-0.02	7.53	-3.08	11.14	0.71	0.01	-0.94	9.90	-4.34	3.48	1.21	2.09	-7.17	3.44	-1.03	0.57	-9.99	8.78	22.3104
5247	4750	0.18	-3.08	1.96	-5.55	0.36	-2.64	-0.34	-2.14	3.26	-0.89	0.74	6.00	27.68	2.65	-1.03	-0.94	2.54	-6.44	22.3253
5248	2399	0.14	-4.77	2.15	5.58	1.06	2.13	1.56	0.34	2.38	-1.25	1.17	-2.49	0.39	-0.99	1.75	5.86	10.05	-2.71	22.3372
5249	1425	-0.91	-12.07	3.38	0.01	0.71	1.07	1.09	-1.40	5.01	-0.16	-2.24	0.10	3.37	0.76	3.41	5.93	25.08	-10.75	22.3906
5250	5716	-0.03	5.19	-1.97	11.14	1.06	1.07	-0.94	11.29	-2.98	3.84	1.70	-1.14	-5.65	4.84	-1.03	1.22	-9.99	4.79	22.4037
5251	1222	-0.72	-2.09	1.38	-5.55	-0.33	-2.64	1.56	-7.43	2.57	-3.43	-0.07	1.30	26.90	-4.44	2.86	-3.21	20.07	-4.33	22.4071
5252	1763	0.78	-0.53	0.50	16.71	0.36	4.25	-0.34	-0.78	2.48	0.57	1.23	-2.49	0.48	-2.00	-1.03	4.77	0.03	-2.60	22.4117
5253	5193	-0.45	14.54	-3.64	11.14	0.71	-1.58	-0.94	11.24	-5.53	2.38	0.33	2.09	-8.51	2.11	-1.03	-2.34	-9.99	11.86	22.4206
5254	5682	0.13	16.54	-2.48	-5.55	1.06	0.01	-0.94	17.68	-2.69	1.66	1.18	-1.14	-5.32	3.72	-1.58	0.84	-12.49	11.89	22.4991
5255	583	-0.53	-3.65	1.72	-5.55	-0.33	-0.52	-0.34	-6.56	2.65	-2.34	0.74	1.30	26.99	-4.32	-2.14	2.14	17.57	-4.33	22.5006
5256	5409	-0.46	13.44	-3.06	11.14	0.71	-1.58	-0.94	11.61	-4.84	2.75	1.14	-1.14	-7.73	4.78	-1.03	-2.04	-9.99	9.7	

5260	4111	1.29	-4.63	2.31	-5.55	0.02	0.54	1.56	-7.19	3.39	-2.34	1.55	1.30	27.82	-2.52	1.75	2.17	7.55	6.44	22.5709
5261	3425	0.81	4.18	-0.89	-11.11	-0.33	-2.64	-0.34	5.80	-1.20	-0.53	4.05	-2.49	22.66	-0.22	-0.47	-4.10	2.54	6.86	22.5719
5262	5796	-0.03	6.18	-2.55	11.14	1.06	2.13	-0.94	11.29	-3.68	3.48	0.89	-1.14	-6.43	4.69	-1.03	0.61	-9.99	6.90	22.5775
5263	5456	-0.03	7.42	-3.08	11.14	0.71	1.07	-0.94	10.27	-4.34	3.48	1.21	-1.14	-7.17	5.96	-1.03	0.26	-9.99	8.78	22.5872
5264	5695	-0.51	19.14	-2.63	0.01	0.36	0.54	-0.94	9.97	-3.65	0.93	1.51	-1.14	-6.40	2.23	-2.69	3.99	-12.49	14.42	22.6595
5265	5897	-0.17	12.92	-1.77	-5.55	1.06	0.54	-0.94	17.46	-1.82	3.11	2.31	-1.14	-4.34	3.86	-1.03	1.37	-12.49	9.29	22.6707
5266	5883	-0.56	14.82	-2.42	0.01	0.71	1.60	-0.94	15.63	-3.33	1.29	2.47	-1.14	-6.04	2.36	-2.69	4.63	-17.50	13.76	22.6718
5267	5489	-0.46	14.43	-3.64	11.14	0.71	-0.52	-0.94	11.61	-5.53	2.38	0.33	-1.14	-8.51	4.63	-1.03	-2.65	-9.99	11.86	22.6973
5268	5744	-0.27	12.94	-4.19	11.14	0.36	0.54	-0.94	9.20	-5.75	2.75	1.47	-1.14	-8.76	4.37	-1.03	-0.77	-9.99	12.79	22.7219
5269	5112	-0.78	17.47	-3.20	11.14	0.36	-2.64	-0.94	9.39	-6.29	1.66	1.83	2.09	-9.37	1.88	-2.14	0.59	-12.49	14.17	22.7278
5270	1862	-0.10	5.22	-0.31	-11.11	-0.68	-1.58	-0.34	4.95	-0.52	-0.89	4.55	-2.49	23.42	-2.69	-1.03	-3.45	5.04	4.74	22.7426
5271	464	-0.29	-2.84	-1.34	-11.11	-0.33	-2.64	-0.34	3.25	-2.25	0.93	4.99	-2.49	21.46	-1.02	-0.47	-2.74	17.57	2.44	22.7704
5272	5735	0.03	15.31	-3.75	0.01	0.36	1.07	-0.94	9.42	-3.28	2.02	1.15	-1.14	-5.98	3.39	-1.58	3.18	-9.99	13.51	22.7980
5273	5923	-0.03	11.00	-3.55	0.01	0.71	2.13	-0.94	15.08	-2.95	2.38	2.11	-1.14	-5.62	3.52	-1.58	3.82	-15.00	12.86	22.8116
5274	2244	0.68	-11.14	1.09	-5.55	-1.02	1.60	-0.80	-4.15	1.52	2.75	1.18	0.10	25.70	0.48	-0.47	2.05	17.57	-8.75	22.8256
5275	5775	-0.51	20.12	-3.21	0.01	0.36	1.60	-0.94	9.97	-4.35	0.57	0.70	-1.14	-7.19	2.08	-2.69	3.38	-12.49	16.53	22.8333
5276	5227	1.43	-3.67	1.18	-5.55	2.45	0.54	-0.94	14.15	1.29	2.02	0.00	2.09	-0.83	3.13	-2.69	2.29	5.04	0.91	22.8360
5277	5192	-0.78	18.46	-3.78	11.14	0.36	-1.58	-0.94	9.39	-6.98	1.29	1.02	2.09	-10.15	1.73	-2.14	-0.02	-12.49	16.28	22.9016
5278	2508	0.33	-3.83	-0.75	-11.11	-0.33	-0.52	1.56	1.56	-1.51	1.29	5.80	-2.49	22.29	-0.66	3.41	-2.50	10.05	0.32	22.9045
5279	5764	0.32	10.87	-1.79	5.58	0.71	1.60	-0.94	10.47	-4.12	3.11	1.42	-1.14	-6.93	3.71	-2.14	1.45	-7.48	8.26	22.9598
5280	1774	0.73	-1.39	0.20	0.01	-0.33	-1.05	-0.34	0.83	-0.86	0.20	2.65	-2.49	23.03	-2.53	-1.03	-5.10	12.56	-2.12	22.9724
5281	5385	-0.15	14.62	-2.48	-5.55	1.06	-1.05	-0.94	17.09	-2.68	2.75	1.50	2.09	-5.31	2.38	-1.03	1.31	-12.49	11.88	22.9903
5282	5371	-0.55	16.52	-3.13	0.01	0.71	0.01	-0.94	15.26	-4.19	0.93	1.66	2.09	-7.01	0.88	-2.69	4.57	-17.50	16.35	22.9914
5283	5408	-0.80	17.36	-3.20	11.14	0.36	-1.58	-0.94	9.76	-6.29	1.66	1.83	-1.14	-9.37	4.40	-2.14	0.28	-12.49	14.17	23.0045
5284	5263	1.71	5.76	-0.31	-5.55	0.71	1.60	-0.94	10.31	-0.35	3.84	1.74	2.09	-2.69	2.35	-2.69	5.21	-4.98	5.22	23.0377
5285	5257	1.75	0.09	-0.81	5.58	1.75	-0.52	-0.94	11.95	-1.43	6.02	1.37	2.09	-3.91	3.92	-1.03	-1.37	-2.47	1.02	23.0541
5286	3088	1.69	-11.14	1.11	-5.55	0.71	0.54	-0.94	-5.65	1.62	3.11	1.18	-2.81	25.82	3.26	-1.03	2.32	17.57	-8.75	23.0650
5287	884	-0.13	-4.20	0.84	16.71	0.71	0.54	1.56	-2.78	0.98	0.57	2.03	-2.49	-1.20	-1.46	3.41	1.56	12.56	-6.12	23.0810
5288	4522	0.23	-3.22	1.80	5.58	1.75	-1.05	-0.34	6.46	2.25	-0.16	0.36	2.21	0.26	5.61	-1.03	2.55	2.54	-2.71	23.0854
5289	4710	0.71	0.74	-1.04	-11.11	0.36	-3.70	-0.34	7.89	-2.33	0.93	3.86	2.21	21.38	3.63	-1.03	-4.05	2.54	2.44	23.0930
5290	4749	-0.11	-5.11	1.96	-5.55	0.36	-2.64	-0.34	-2.36	3.27	0.20	1.06	6.00	27.69	3.83	-0.47	-0.79	2.54	-6.44	23.0932
5291	5306	0.14	15.66	-1.91	-5.55	1.06	-1.05	-0.94	17.31	-2.00	2.02	1.99	2.09	-4.53	1.34	-1.58	1.77	-12.49	9.77	23.1062
5292	5523	1.41	-3.79	1.18	-5.55	2.45	1.60	-0.94	14.52	1.29	2.02	0.00	-1.14	-0.83	5.65	-2.69	1.98	5.04	0.91	23.1127
5293	1604	0.49	-11.14	1.11	-5.55	0.36	1.60	-0.94	-6.72	1.61	3.48	1.18	-2.81	25.80	1.83	-1.03	2.52	20.07	-8.75	23.1265
5294	5319	-0.78	23.28	-4.77	0.01	0.02	-1.58	-0.94	13.17	-6.26	0.20	2.24	2.09	-9.34	0.56	-2.69	3.19	-17.50	22.24	23.1357
5295	1221	-1.02	-4.12	1.38	-5.55	-0.33	-2.64	1.56	-7.64	2.57	-2.34	0.25	1.30	26.91	-3.25	3.41	-3.05	20.07	-4.33	23.1750
5296	5488	-0.80	18.35	-3.78	11.14	0.36	-0.52	-0.94	9.76	-6.98	1.29	1.02	-1.14	-10.16	4.25	-2.14	-0.33	-12.49	16.28	23.1784
5297	2711	0.62	-9.11	1.57	-5.55	0.02	1.60	1.56	-7.79	4.26	-0.89	0.87	1.30	28.79	-2.87	2.86	2.15	12.56	-8.75	23.1963
5298	964	-0.13	-3.21	0.26	16.71	0.71	1.60	1.56	-2.78	0.28	0.20	1.22	-2.49	-1.99	-1.60	3.41	0.95	12.56	-4.01	23.2549
5299	5681	-0.17	14.51	-2.48	-5.55	1.06	0.01	-0.94	17.46	-2.68	2.75	1.50	-1.14	-5.31	4.90	-1.03	0.99	-12.49	11.89	23.2670
5300	5667	-0.56	16.41	-3.13	0.01	0.71	1.07	-0.94	15.63	-4.19	0.93	1.66	-1.14	-7.01	3.40	-2.69	4.26	-17.50	16.35	23.2681
5301	1142	-0.72	-3.08	1.96	-5.55	-0.33	-2.64	1.56	-7.43	3.26	-3.07	0.74	1.30	27.68	-4.29	2.86	-2.60	20.07	-6.44	23.2820
5302	5559	1.69	5.65	-0.31	-5.55	0.71	2.66	-0.94	10.68	-0.35	3.84	1.74	-1.14	-2.69	4.87	-2.69	4.90	-4.98	5.22	23.3145
5303	5553	1.73	-0.02	-0.81	5.58	1.75	0.54	-0.94	12.32	-1.43	6.02	1.37	-1.14	-3.91	6.44	-1.03	-1.69	-2.47	1.02	23.3308
5304	3883	1.34	-4.77	2.15	5.58	1.40	2.13	1.56	1.41	2.38	-1.62	1.17	-2.49	0.40	0.44	1.75	5.66	7.55	-2.71	23.3311
5305	503	-0.53	-4.63	2.30	-5.55	-0.33	-0.52	-0.34	-6.56	3.34	-1.98	1.55	1.30	27.76	-4.17	-2.14	2.74	17.57	-6.44	23.3755
5306	5602	0.13	15.55	-1.91	-5.55	1.06	0.01	-0.94	17.68	-2.00	2.02	1.99	-1.14	-4.53	3.87	-1.58	1.45	-12.49	9.77	23.3829
5307	5955	-0.80	21.92	-4.25	0.01	0.36	0.54	-0.94	14.56	-5.60	0.20	1.92	-1.14	-8.60	1.81	-2.69	3.23	-17.50	20.36	23.4028
5308	3247	1.99	-0.53	0.50	16.71	0.71	4.25	-0.34	0.29	2.49	0.20	1.23	-2.49	0.49	-0.57	-1.03	4.57	-2.47	-2.60	23.4055
5309	5615	-0.80	23.17	-4.77	0.01	0.02	-0.52	-0.94	13.54	-6.26	0.20	2.24	-1.14	-9.34	3.08	-2.69	2.88	-17.50	22.24	23.4125
5310	1091	-0.13	1.61	-0.74	5.58	0.36	1.60	1.56	1.00	1.01	-0.89	2.44	-2.49	-1.17	-2.78	2.86	4.16	7.55	1.95	23.4890
5311	1861	-0.40	3.19	-0.31	-11.11	-0.68	-1.58	-0.34	4.73	-0.51	0.20	4.86	-2.49	23.43	-1.51	-0.47	-3.30	5.04	4.74	23.5105
5312	2871	0.84	-6.70	1.69	11.14	-0.33	5.84	1.09	-6.41	4.78	0.93	-1.36	0.10	3.07	-1.27	2.86	8.95	7.55	-9.24	23.5441
5313	5124	-0.02	5.90	-2.11	11.14	1.06	-0.52	-0.94	10.92	-3.15	3.84	1.70	2.09	-5.84	3.51	-1.03	1.77	-9.99	5.26	23.6071
5314	2363	0.14	-6.41	3.12	5.58	1.40	1.60	1.56	1.36	3.56	-0.89	1.66	-2.49	1.73	-0.92	1.75	7.06	10.05	-6.23	23.6339
5315	2164	0.68	-12.13	1.67	-5.55	-1.02	1.60	-0.80	-4.15	2.21	3.11	1.99	0.10	26.48	0.63	-0.47	2.66	17.57	-10.86	23.7004
5316	1727	0.78	-2.16	1.47	16.71	0.71	3.72	-0.34	0.24	3.67	0.93	1.71	-2.49	1.82	-1.92	-1.03	5.97	0.03	-6.12	23.7083
5317	6051	0.20	-2.70	1.35	0.01	2.79	1.07	-0.94	9.55	2.46	1.66	-1.42	2.65	0.49	4.07	-2.69	7.82	0.03	-2.69	23.7296
5318	3346	1.10	5.22	-0.31	-11.11	-0.33	-1.58	-0.34	6.01	-0.51	-1.25	4.55	-2.49	23.43	-1.26	-1.03	-3.65	2.54	4.74	23.7365
5319	1773	0.43	-3.43	0.20	0.01	-0.33	-1.05	-0.34	0.61	-0.85	1.29	2.96	-2.49	23.04	-1.35	-0.47	-4.94	12.56	-2.12	23.7403
5320	5336	-0.08	4.28	-1.68	-5.55	2.45	-2.64	-0.94	18.52	-4.17	3.48	2.70	2.09	-6.98	4.81	-2.14	3.12	-2.47	8.98	23.7625
5321	5204	-0.02	6.89	-2.68	11.14	1.06	0.54	-0.94	10.92	-3.84	3.48	0.89	2.09	-6.62	3.36	-1.03	1.16	-9.99	7.38	23.780

5325	4521	-0.07	-5.25	1.80	5.58	1.75	-1.05	-0.34	6.24	2.26	0.93	0.68	6.24	2.21	0.27	6.80	-0.47	2.70	2.54	2.71	23.8533
5326	4709	0.42	-1.29	-1.04	-11.11	0.36	-3.70	-0.34	7.67	-2.32	2.02	4.18	2.21	21.39	4.81	-0.47	-3.89	2.54	2.44	23.8609	
5327	5103	-0.49	19.84	-2.76	0.01	0.36	-1.05	-0.94	9.60	-3.82	0.93	1.51	2.09	-6.59	0.90	-2.69	4.54	-12.49	14.89	23.8629	
5328	5305	-0.15	13.63	-1.91	-5.55	1.06	-1.05	-0.94	17.09	-1.99	3.11	2.31	2.09	-4.52	2.53	-1.03	1.92	-12.49	9.77	23.8741	
5329	5291	-0.55	15.53	-2.56	0.01	0.71	0.01	-0.94	15.26	-3.50	1.29	2.47	2.09	-6.23	1.03	-2.69	5.18	-17.50	14.24	23.8752	
5330	1807	0.78	-1.18	0.89	16.71	0.71	4.78	-0.34	0.24	2.97	0.57	0.90	-2.49	1.04	-2.07	-1.03	5.36	0.03	-4.01	23.8822	
5331	5420	-0.03	5.78	-2.11	11.14	1.06	0.54	-0.94	11.29	-3.15	3.84	1.70	-1.14	-5.84	6.03	-1.03	1.45	-9.99	5.27	23.8838	
5332	3992	1.53	-3.83	-0.75	-11.11	0.02	-0.52	1.56	2.63	-1.51	0.93	5.80	-2.49	22.29	0.77	3.41	-2.71	7.55	0.32	23.8984	
5333	5930	0.66	11.40	-2.90	5.58	1.75	0.01	-0.94	17.12	-3.98	3.11	1.63	-1.14	-6.79	2.84	-1.58	-1.49	-9.99	8.61	23.9128	
5334	5152	-0.25	13.64	-4.32	11.14	0.36	-1.05	-0.94	8.83	-5.91	2.75	1.47	2.09	-8.95	3.04	-1.03	-0.22	-9.99	13.27	23.9252	
5335	3008	1.69	-12.13	1.69	-5.55	0.71	0.54	-0.94	-5.65	2.31	3.48	1.99	-2.81	26.59	3.41	-1.03	2.93	17.57	-10.86	23.9398	
5336	3258	1.93	-1.39	0.20	0.01	0.02	-1.05	-0.34	1.89	-0.86	-0.16	2.65	1.89	-2.49	23.04	-1.10	-1.03	-5.30	10.05	-2.12	23.9663
5337	1524	0.49	-12.13	1.69	-5.55	0.36	1.60	-0.94	-6.72	2.30	3.84	1.99	-2.81	26.58	1.98	-1.03	3.13	20.07	-10.86	24.0013	
5338	5143	0.04	16.01	-3.89	0.01	0.36	-0.52	-0.94	9.05	-3.44	2.02	1.15	2.09	-6.17	2.06	-1.58	3.73	-9.99	13.99	24.0013	
5339	4743	0.77	0.96	-0.35	5.58	1.40	2.13	-0.34	7.31	1.50	1.29	2.12	2.21	-0.62	4.09	-1.03	6.41	-9.99	0.55	24.0027	
5340	5331	-0.02	11.70	-3.68	0.01	0.71	0.54	-0.94	14.71	-3.12	2.38	2.11	2.09	-5.80	2.19	-1.58	4.37	-15.00	13.33	24.0150	
5341	5708	-0.27	11.30	-3.22	11.14	0.71	0.01	-0.94	10.22	-4.56	3.11	1.95	-1.14	-7.42	4.44	-1.03	0.42	-9.99	9.27	24.0185	
5342	5972	-0.09	2.92	-1.16	-5.55	2.79	-0.52	-0.94	19.91	-3.51	3.48	2.38	-1.14	-6.24	6.06	-2.14	3.15	-2.47	7.10	24.0296	
5343	5183	-0.49	20.83	-3.34	0.01	0.36	0.01	-0.94	9.60	-4.51	0.57	0.70	2.09	-7.37	0.75	-2.69	3.93	-12.49	17.01	24.0367	
5344	5632	-0.09	4.17	-1.68	-5.55	2.45	-1.58	-0.94	18.89	-4.17	3.48	2.70	-1.14	-6.98	7.33	-2.14	2.80	-2.47	8.98	24.0392	
5345	914	-0.67	-3.22	1.80	5.58	1.06	-1.05	1.56	1.17	2.25	-2.34	0.36	-2.49	0.26	-1.33	2.86	0.89	20.07	-2.71	24.0421	
5346	1102	-0.19	0.74	-1.04	-11.11	-0.33	-3.70	1.56	2.60	-2.33	-1.25	3.86	-2.49	21.38	-3.31	2.86	-5.71	20.07	2.44	24.0497	
5347	1141	-1.02	-5.11	1.96	-5.55	-0.33	-2.64	1.56	-7.64	3.27	-1.98	1.06	1.30	27.69	-3.10	3.41	-2.45	20.07	-6.44	24.0499	
5348	5500	-0.03	6.77	-2.68	11.14	1.06	1.60	-0.94	11.29	-3.85	3.48	0.89	-1.14	-6.62	5.88	-1.03	0.84	-9.99	7.38	24.0577	
5349	2631	0.62	-10.10	2.15	-5.55	0.02	1.60	1.56	-7.79	4.95	-0.53	1.68	1.30	29.57	-2.72	2.86	2.75	12.56	-10.86	24.0712	
5350	2882	0.78	-7.56	1.39	-5.55	-1.02	0.54	1.09	-4.80	1.44	0.57	0.06	0.10	25.61	-1.81	2.86	-0.91	20.07	-8.75	24.1048	
5351	275	-0.48	-4.77	2.14	5.58	1.06	1.07	-0.34	2.04	2.33	-1.25	1.17	-2.49	0.35	-1.21	-2.14	6.23	17.57	-2.71	24.1356	
5352	5399	-0.51	19.73	-2.76	0.01	0.36	0.01	-0.94	9.97	-3.82	0.93	1.51	-1.14	-6.59	3.42	-2.69	4.23	-12.49	14.90	24.1396	
5353	5601	-0.17	13.52	-1.91	-5.55	1.06	0.01	-0.94	17.46	-1.99	3.11	2.31	-1.14	-4.53	5.05	-1.03	1.60	-12.49	9.77	24.1509	
5354	5587	-0.56	15.42	-2.56	0.01	0.71	1.07	-0.94	15.63	-3.50	1.29	2.47	-1.14	-6.23	3.55	-2.69	4.87	-17.50	14.24	24.1519	
5355	5172	0.34	11.58	-1.92	5.58	0.71	0.01	-0.94	10.10	-4.29	3.11	1.42	2.09	-7.11	2.38	-2.14	2.00	-7.48	8.74	24.1632	
5356	4195	1.82	-9.11	1.57	-5.55	0.36	1.60	1.56	-6.72	4.26	-1.25	0.87	1.30	28.80	-1.44	2.86	1.95	10.05	-8.75	24.1902	
5357	5788	-0.27	12.29	-3.80	11.14	0.71	1.07	-0.94	10.22	-5.25	2.75	1.14	-1.14	-8.21	4.29	-1.03	-0.19	-9.99	11.38	24.1923	
5358	5448	-0.27	13.53	-4.33	11.14	0.36	0.01	-0.94	9.20	-5.91	2.75	1.47	-1.14	-8.95	5.56	-1.03	-0.54	-9.99	13.27	24.2020	
5359	1772	0.09	0.49	0.06	0.01	-0.68	-1.05	-0.34	-1.24	-2.31	0.20	3.65	-2.49	21.40	-1.73	-1.58	-2.62	10.05	2.30	24.2214	
5360	5728	0.32	9.24	-0.82	5.58	1.06	1.07	-0.94	11.49	-2.93	3.48	1.90	-1.14	-5.59	3.78	-2.14	2.65	-7.48	4.74	24.2564	
5361	5439	0.03	15.90	-3.89	0.01	0.36	0.54	-0.94	9.42	-3.44	2.02	1.15	-1.14	-6.17	4.58	-1.58	3.41	-9.99	13.99	24.2781	
5362	5967	-0.03	10.35	-3.16	0.01	1.06	2.66	-0.94	16.10	-2.46	2.38	1.79	-1.14	-5.06	3.44	-1.58	4.40	-15.00	11.45	24.2821	
5363	5875	-0.80	20.94	-3.67	0.01	0.36	0.54	-0.94	14.56	-4.90	0.57	2.73	-1.14	-7.81	1.96	-2.69	3.84	-17.50	18.24	24.2866	
5364	5627	-0.03	11.59	-3.68	0.01	0.71	1.60	-0.94	15.08	-3.12	2.38	2.11	-1.14	-5.80	4.71	-1.58	4.05	-15.00	13.34	24.2917	
5365	4991	0.48	-10.94	3.33	0.01	1.06	2.66	-0.80	1.70	4.63	1.29	-1.42	4.80	2.93	6.45	-2.14	12.07	7.55	-9.35	24.3113	
5366	5479	-0.51	20.72	-3.34	0.01	0.36	1.07	-0.94	9.97	-4.51	0.57	0.70	-1.14	-7.38	3.27	-2.69	3.62	-12.49	17.01	24.3135	
5367	4708	0.08	2.63	-1.18	-11.11	0.02	-3.70	-0.34	5.82	-3.78	0.93	4.86	2.21	19.74	4.43	-1.58	-1.57	0.03	6.86	24.3420	
5368	4486	0.23	-4.86	2.77	5.58	2.10	-1.58	-0.34	7.48	3.44	0.20	0.85	2.21	1.60	5.69	-1.03	3.74	2.54	-6.23	24.3821	
5369	5915	-0.27	17.11	-4.80	0.01	0.36	1.07	-0.94	14.01	-4.53	1.66	2.37	-1.14	-7.39	3.12	-1.58	3.02	-15.00	17.34	24.4264	
5370	5808	0.32	10.23	-1.40	5.58	1.06	2.13	-0.94	11.49	-3.62	3.11	1.09	-1.14	-6.37	3.63	-2.14	2.04	-7.48	6.85	24.4303	
5371	5468	0.32	11.47	-1.92	5.58	0.71	1.07	-0.94	10.47	-4.29	3.11	1.42	-1.14	-7.12	4.90	-2.14	1.68	-7.48	8.74	24.4399	
5372	3345	0.81	3.19	-0.31	-11.11	-0.33	-1.58	-0.34	5.80	-0.50	-0.16	4.86	-2.49	23.43	-0.08	-0.47	-3.50	2.54	4.74	24.5044	
5373	4355	2.05	-6.70	1.69	11.14	0.02	5.84	1.09	-5.34	4.79	0.57	-1.36	0.10	3.07	0.16	2.86	8.75	5.04	-9.24	24.5379	
5374	4566	0.23	-3.87	2.19	5.58	2.10	-0.52	-0.34	7.48	2.74	-0.16	0.04	2.21	0.82	5.54	-1.03	3.13	2.54	-4.12	24.5559	
5375	5363	-0.78	22.63	-4.38	0.01	0.36	-1.05	-0.94	14.19	-5.76	0.20	1.92	2.09	-8.78	0.48	-2.69	3.78	-17.50	20.83	24.6062	
5376	1693	0.43	-4.41	0.78	0.01	-0.33	-1.05	-0.34	0.61	-0.16	1.66	3.77	-2.49	23.82	-1.20	-0.47	-4.34	12.56	-4.23	24.6152	
5377	3847	1.34	-6.41	3.12	5.58	1.75	1.60	1.56	2.43	3.57	-1.25	1.66	-2.49	1.74	0.51	1.75	6.86	7.55	-6.23	24.6277	
5378	5935	0.32	15.04	-2.40	-5.55	0.71	2.13	-0.94	15.27	-2.90	2.02	2.32	-1.14	-5.56	2.46	-2.69	5.25	-12.49	12.81	24.6643	
5379	5929	0.36	9.37	-2.90	5.58	1.75	0.01	-0.94	16.90	-3.97	4.20	1.94	-1.14	-6.78	4.03	-1.03	-1.34	-9.99	8.61	24.6807	
5380	3648	1.88	-12.13	1.67	-5.55	-0.68	1.60	-0.80	-3.09	2.22	2.75	1.99	0.10	26.48	2.06	-0.47	2.46	15.06	-10.86	24.6942	
5381	3211	1.99	-2.16	1.47	16.71	1.06	3.72	-0.34	1.31	3.67	0.57	1.71	-2.49	1.83	-0.49	-1.03	5.76	-2.47	-6.12	24.7022	
5382	384	-0.29	-3.83	-0.76	-11.11	-0.33	-1.58	-0.34	3.25	-1.56	1.29	5.80	-2.49	22.24	-0.87	-0.47	-2.14	17.57	0.32	24.7029	
5383	3257	1.63	-3.43	0.20	0.01	0.02	-1.05	-0.34	1.68	-0.85	0.93	2.96	-2.49	23.04	0.09	-0.47	-5.14	10.05	-2.12	24.7342	
5384	3927	1.34	-5.42	2.54	5.58	1.75	2.66	1.56	2.43	-2.88	-1.62	0.85	-2.49	0.95	0.37	1.75	6.25	7.55	-4.12	24.8015	
5385	913	-0.97	-5.25	1.80	5.58	1.06	-1.05	1.56	0.95	2.26	-1.25	0.68	-2.49	0.27	-0.14	3.41	1.04	20.07	-2.71	24.8100	
5386	1101	-0.49	-1.29	-1.04	-11.11	-0.33	-3.70	1.56	2.39	-2.32	-0.16	4.18	-2.49	21.39	-2.13	3.41	-5.55	20.07	2		

5390	2881	0.49	-9.60	1.39	-5.55	-1.02	0.54	1.09	-5.02	1.44	1.66	0.37	0.10	25.62	-0.62	3.41	-0.76	20.07	8.75	24.8727
5391	3291	1.99	-1.18	0.89	16.71	1.06	4.78	-0.34	1.31	2.98	0.20	0.90	-2.49	1.04	-0.64	-1.03	5.15	-2.47	-4.01	24.8760
5392	5659	-0.80	22.52	-4.38	0.01	0.36	0.01	-0.94	14.56	-5.76	0.20	1.92	-1.14	-8.79	3.00	-2.69	3.46	-17.50	20.84	24.8829
5393	4663	0.77	-0.03	0.23	5.58	1.40	2.13	-0.34	7.31	2.20	1.66	2.93	2.21	0.17	4.24	-1.03	7.01	-9.99	-1.57	24.8866
5394	5892	-0.09	1.94	-0.58	-5.55	2.79	-0.52	-0.94	19.91	-2.82	3.84	3.19	-1.14	-5.46	6.21	-2.14	3.76	-2.47	4.98	24.9134
5395	1135	-0.13	0.96	-0.35	5.58	0.71	2.13	1.56	2.02	1.50	-0.89	2.12	-2.49	-0.62	-2.85	2.86	4.75	7.55	0.55	24.9594
5396	2802	0.78	-8.55	1.97	-5.55	-1.02	0.54	1.09	-4.80	2.13	0.93	0.87	0.10	26.39	-1.66	2.86	-0.31	20.07	-10.86	24.9796
5397	587	0.00	-9.11	1.56	-5.55	0.02	0.54	-0.34	-6.09	4.21	-0.89	0.87	1.30	28.75	-3.08	-1.03	2.52	20.07	-8.75	24.9947
5398	2915	0.84	-7.35	2.08	11.14	0.02	6.37	1.09	-5.38	5.27	0.93	-1.69	0.10	3.62	-1.35	2.86	9.54	7.55	-10.64	25.0145
5399	4630	0.71	-0.25	-0.46	-11.11	0.36	-2.64	-0.34	7.89	-1.64	1.29	4.67	2.21	22.16	3.78	-1.03	-3.44	2.54	0.32	25.0255
5400	6015	0.20	-4.34	2.32	0.01	3.14	0.54	-0.94	10.57	3.65	2.02	-0.93	2.65	1.83	4.15	-2.69	9.02	0.03	-6.20	25.0262
5401	4115	1.82	-10.10	2.15	-5.55	0.36	1.60	1.56	-6.72	4.96	-0.89	1.68	1.30	29.58	-1.29	2.86	2.55	10.05	-10.86	25.0650
5402	1692	0.09	-0.50	0.64	0.01	-0.68	-1.05	-0.34	-1.24	-1.62	0.57	4.46	-2.49	22.17	-1.58	-1.58	-2.02	10.05	0.19	25.0962
5403	4366	1.99	-7.56	1.39	-5.55	-0.68	0.54	1.09	-3.74	1.44	0.20	0.06	0.10	25.62	-0.37	2.86	-1.11	17.57	-8.75	25.0986
5404	5338	0.67	12.11	-3.03	5.58	1.75	-1.58	-0.94	16.75	-4.15	3.11	1.63	2.09	-6.98	1.52	-1.58	-0.94	-9.99	9.09	25.1162
5405	4485	-0.07	-6.89	2.77	5.58	2.10	-1.58	-0.34	7.26	3.44	1.29	1.16	2.21	1.61	6.87	-0.47	3.89	2.54	-6.23	25.1500
5406	5699	0.03	13.67	-2.78	0.01	0.71	1.60	-0.94	10.44	-2.09	2.38	1.64	-1.14	-4.64	3.46	-1.58	4.37	-9.99	10.00	25.1536
5407	5887	-0.03	9.36	-2.58	0.01	1.06	2.66	-0.94	16.10	-1.76	2.75	2.60	-1.14	-4.28	3.59	-1.58	5.01	-15.00	9.34	25.1659
5408	6095	0.20	-3.35	1.74	0.01	3.14	1.60	-0.94	10.57	2.95	1.66	-1.74	2.65	1.05	4.00	-2.69	8.41	0.03	-4.09	25.2001
5409	3256	1.29	0.49	0.06	0.01	-0.33	-1.05	-0.34	-0.18	-2.30	-0.16	3.65	-2.49	21.40	-0.30	-1.58	-2.83	7.55	2.30	25.2152
5410	5116	-0.25	12.01	-3.36	11.14	0.71	-1.58	-0.94	9.85	-4.73	3.11	1.95	2.09	-7.61	3.11	-1.03	0.97	-9.99	9.75	25.2219
5411	5380	-0.08	3.63	-1.29	-5.55	2.79	-2.11	-0.94	19.54	-3.68	3.48	2.38	2.09	-6.43	4.73	-2.14	3.70	-2.47	7.58	25.2329
5412	1383	-0.43	-10.94	3.33	0.01	0.36	2.66	1.09	-3.59	4.63	-0.89	-1.42	0.10	2.93	-0.49	1.75	10.41	25.08	-9.35	25.2680
5413	1100	-0.83	2.63	-1.18	-11.11	-0.68	-3.70	1.56	0.53	-3.78	-1.25	4.86	-2.49	19.74	-2.51	2.30	-3.24	17.57	6.86	25.2987
5414	4565	-0.07	-5.90	2.19	5.58	2.10	-0.52	-0.34	7.26	2.75	0.93	0.35	2.21	0.82	6.72	-0.47	3.29	2.54	-4.12	25.3238
5415	5779	0.03	14.66	-3.36	0.01	0.71	2.66	-0.94	10.44	-2.78	2.02	0.83	-1.14	-5.43	3.31	-1.58	3.76	-9.99	12.11	25.3274
5416	878	-0.67	-4.86	2.77	5.58	1.40	-1.58	1.56	2.19	3.44	-1.98	0.85	-2.49	1.60	-1.25	2.86	2.08	20.07	-6.23	25.3388
5417	747	0.22	-6.70	1.68	11.14	-0.33	4.78	-0.80	-4.71	4.74	0.93	-1.36	0.10	3.02	-1.49	-1.03	9.32	15.06	-9.24	25.3425
5418	2880	0.15	-5.68	1.26	-5.55	-1.37	0.54	1.09	-6.87	-0.01	0.57	1.06	0.10	23.98	-1.01	2.30	1.56	17.57	-4.33	25.3538
5419	5974	0.66	10.75	-2.51	5.58	2.10	0.54	-0.94	18.14	-3.49	3.11	1.31	-1.14	-6.24	2.77	-1.58	-0.91	-9.99	7.21	25.3833
5420	5634	0.66	12.00	-3.03	5.58	1.75	-0.52	-0.94	17.12	-4.15	3.11	1.63	-1.14	-6.98	4.04	-1.58	-1.26	-9.99	9.09	25.3929
5421	5196	-0.25	13.00	-3.93	11.14	0.71	-0.52	-0.94	9.85	-5.42	2.75	1.14	2.09	-8.39	2.97	-1.03	0.36	-9.99	11.86	25.3957
5422	239	-0.48	-6.41	3.11	5.58	1.40	0.54	-0.34	3.06	3.52	-0.89	1.66	-2.49	1.68	-1.13	-2.14	7.42	17.57	-6.23	25.4323
5423	5136	0.34	9.94	-0.95	5.58	1.06	-0.52	-0.94	11.12	-3.10	3.48	1.90	2.09	-5.78	2.46	-2.14	3.20	-7.48	5.22	25.4598
5424	5375	-0.02	11.05	-3.29	0.01	1.06	1.07	-0.94	15.73	-2.62	2.38	1.79	2.09	-5.25	2.12	-1.58	4.95	-15.00	11.93	25.4855
5425	5283	-0.78	21.64	-3.81	0.01	0.36	-1.05	-0.94	14.19	-5.07	0.57	2.73	2.09	-8.00	0.63	-2.69	4.39	-17.50	18.72	25.4900
5426	5412	-0.27	11.89	-3.36	11.14	0.71	-0.52	-0.94	10.22	-4.73	3.11	1.95	-1.14	-7.61	5.64	-1.03	0.65	-9.99	9.75	25.4986
5427	5676	-0.09	3.52	-1.29	-5.55	2.79	-1.05	-0.94	19.91	-3.68	3.48	2.38	-1.14	-6.43	7.26	-2.14	3.39	-2.47	7.58	25.5097
5428	958	-0.67	-3.87	2.19	5.58	1.40	-0.52	1.56	2.19	2.74	-2.34	0.04	-2.49	0.81	-1.40	2.86	1.47	20.07	-4.12	25.5126
5429	319	-0.48	-5.42	2.53	5.58	1.40	1.60	-0.34	3.06	2.82	-1.25	0.85	-2.49	0.90	-1.28	-2.14	6.82	17.57	-4.12	25.6061
5430	4955	0.48	-12.58	4.30	0.01	1.40	2.13	-0.80	2.72	5.82	1.66	-0.93	4.80	4.27	6.53	-2.14	13.27	7.55	-12.87	25.6079
5431	3177	1.63	-4.41	0.78	0.01	0.02	-1.05	-0.34	1.68	-0.16	1.29	3.77	-2.49	23.82	0.24	-0.47	-4.54	10.05	-4.23	25.6090
5432	5323	-0.25	17.81	-4.93	0.01	0.36	-0.52	-0.94	13.64	-4.69	1.66	2.37	2.09	-7.58	1.79	-1.58	3.57	-15.00	17.82	25.6298
5433	5216	0.34	10.93	-1.53	5.58	1.06	0.54	-0.94	11.12	-3.79	3.11	1.09	2.09	-6.56	2.31	-2.14	2.59	-7.48	7.33	25.6336
5434	107	0.03	-6.70	1.70	11.14	1.06	4.78	-0.94	-7.27	4.83	1.66	-1.36	-2.81	3.13	-0.14	-1.58	9.79	17.57	-9.24	25.6434
5435	5492	-0.27	12.88	-3.93	11.14	0.71	0.54	-0.94	10.22	-5.42	2.75	1.14	-1.14	-8.40	5.49	-1.03	0.04	-9.99	11.86	25.6725
5436	5432	0.32	9.83	-0.96	5.58	1.06	0.54	-0.94	11.49	-3.10	3.48	1.90	-1.14	-5.78	4.98	-2.14	2.88	-7.48	5.22	25.7366
5437	2801	0.49	-10.58	1.97	-5.55	-1.02	0.54	1.09	-5.02	2.14	2.02	1.18	0.10	26.40	-0.47	3.41	-0.16	20.07	-10.86	25.7475
5438	5671	-0.03	10.94	-3.29	0.01	1.06	2.13	-0.94	16.10	-2.63	2.38	1.79	-1.14	-5.25	4.64	-1.58	4.64	-15.00	11.93	25.7622
5439	5579	-0.80	21.53	-3.81	0.01	0.36	0.01	-0.94	14.56	-5.07	0.57	2.73	-1.14	-8.00	3.15	-2.69	4.07	-17.50	18.72	25.7668
5440	5035	0.48	-11.59	3.72	0.01	1.40	3.19	-0.80	2.72	5.12	1.29	-1.74	4.80	3.48	6.38	-2.14	12.66	7.55	-10.75	25.7818
5441	4629	0.42	-2.28	-0.46	-11.11	0.36	-2.64	-0.34	7.67	-1.63	2.38	4.99	2.21	22.16	4.96	-0.47	-3.29	2.54	0.32	25.7934
5442	2582	-0.10	6.21	-0.88	-11.11	-0.68	-2.64	1.56	2.69	-1.17	-1.98	3.74	-2.49	22.68	-3.09	2.86	-4.17	7.55	6.86	25.8324
5443	4319	2.05	-8.33	2.66	11.14	0.36	5.31	1.09	-4.32	5.97	0.93	-0.88	0.10	4.41	0.23	2.86	9.95	5.04	-12.75	25.8345
5444	1055	-0.13	-0.03	0.23	5.58	0.71	2.13	1.56	2.02	2.20	-0.53	2.93	-2.49	0.17	-2.70	2.86	5.35	7.55	-1.57	25.8433
5445	4365	1.69	-9.60	1.39	-5.55	-0.68	0.54	1.09	-3.95	1.45	1.29	0.37	0.10	25.63	0.81	3.41	-0.96	17.57	-8.75	25.8665
5446	5343	0.33	15.75	-2.53	-5.55	0.71	0.54	-0.94	14.90	-3.07	2.02	2.32	2.09	-5.74	1.13	-2.69	5.80	-12.49	13.29	25.8677
5447	507	0.00	-10.10	2.14	-5.55	0.02	0.54	-0.34	-6.09	4.91	-0.53	1.68	1.30	29.53	-2.94	-1.03	3.12	20.07	-10.86	25.8696
5448	5337	0.38	10.08	-3.03	5.58	1.75	-1.58	-0.94	16.53	-4.14	4.20	1.94	2.09	-6.97	2.70	-1.03	-0.79	-9.99	9.09	25.8841
5449	5959	-0.27	16.46	-4.41	0.01	0.71	1.60	-0.94	15.03	-4.03	1.66	2.04	-1.14	-6.84	3.05	-1.58	3.61	-15.00	15.94	25.8969
5450	758	0.16	-7.56	1.38	-5.55	-1.02	-0.52	-0.80	-3.11	1.39	0.57	0.06	0.10	25.57	-2.02	-1.03	-0.55	27.58	-8.75	25.9032
5451	5619	-0.27	17.70	-4.93	0.01	0.36	0.54	-0.94	14.01	-4.69	1.66	2.37	-1.14	-7.58	4.31	-1.58	3.26	-15.00	17.82	25.9066
5452																				

5455	4286	1.99	-8.55	1.97	-5.55	-0.68	0.54	1.09	-3.74	2.14	0.57	0.87	0.10	26.40	-0.23	2.86	-0.51	17.57	10.86	25.9735
5456	1022	-0.19	-0.25	-0.46	-11.11	-0.33	-2.64	1.56	2.60	-1.64	-0.89	4.67	-2.49	22.15	-3.16	2.86	-5.10	20.07	0.32	25.9822
5457	4399	2.05	-7.35	2.09	11.14	0.36	6.37	1.09	-4.32	5.28	0.57	-1.69	0.10	3.63	0.09	2.86	9.34	5.04	-10.64	26.0084
5458	5260	1.94	-1.46	-1.10	5.58	1.75	0.54	-0.94	10.56	-1.32	6.38	2.18	2.09	-3.79	4.77	-1.03	1.32	-2.47	1.02	26.0292
5459	3176	1.29	-0.50	0.64	0.01	-0.33	-1.05	-0.34	-0.18	-1.61	0.20	4.46	-2.49	22.18	-0.15	-1.58	-2.22	7.55	0.19	26.0901
5460	877	-0.97	-6.89	2.77	5.58	1.40	-1.58	1.56	1.98	3.44	-0.89	1.16	-2.49	1.61	-0.07	3.41	2.23	20.07	-6.23	26.1067
5461	5300	-0.08	2.64	-0.72	-5.55	2.79	-2.11	-0.94	19.54	-2.99	3.84	3.19	2.09	-5.65	4.88	-2.14	4.31	-2.47	5.46	26.1168
5462	5979	0.32	14.39	-2.00	-5.55	1.06	2.66	-0.94	16.29	-2.40	2.02	1.99	-1.14	-5.00	2.39	-2.69	5.83	-12.49	11.41	26.1348
5463	5639	0.32	15.64	-2.53	-5.55	0.71	1.60	-0.94	15.27	-3.07	2.02	2.32	-1.14	-5.75	3.65	-2.69	5.48	-12.49	13.29	26.1445
5464	5973	0.36	8.72	-2.51	5.58	2.10	0.54	-0.94	17.93	-3.48	4.20	1.62	-1.14	-6.23	3.95	-1.03	-0.75	-9.99	7.21	26.1512
5465	5633	0.36	9.96	-3.03	5.58	1.75	-0.52	-0.94	16.90	-4.14	4.20	1.94	-1.14	-6.97	5.22	-1.03	-1.11	-9.99	9.09	26.1608
5466	118	-0.03	-7.56	1.40	-5.55	0.36	-0.52	-0.94	-5.67	1.49	1.29	0.06	-2.81	25.67	-0.67	-1.58	-0.08	30.09	-8.75	26.2042
5467	2800	0.15	-6.67	1.83	-5.55	-1.37	0.54	1.09	-6.87	0.68	0.93	1.87	0.10	24.76	-0.86	2.30	2.16	17.57	-6.44	26.2286
5468	5894	0.66	9.76	-1.93	5.58	2.10	0.54	-0.94	18.14	-2.79	3.48	2.12	-1.14	-5.45	2.92	-1.58	-0.30	-9.99	5.10	26.2671
5469	4628	0.08	1.64	-0.60	-11.11	0.02	-2.64	-0.34	5.82	-3.09	1.29	5.67	2.21	20.52	4.58	-1.58	-0.97	0.03	4.74	26.2745
5470	957	-0.97	-5.90	2.19	5.58	1.40	-0.52	1.56	1.98	2.75	-1.25	0.35	-2.49	0.82	-0.21	3.41	1.62	20.07	-4.12	26.2805
5471	5556	1.92	-1.57	-1.10	5.58	1.75	1.60	-0.94	10.93	-1.32	6.38	2.18	-1.14	-3.80	7.29	-1.03	1.01	-2.47	1.02	26.3060
5472	4364	1.35	-5.68	1.26	-5.55	-1.02	0.54	1.09	-5.80	-0.01	0.20	1.06	0.10	23.99	0.43	2.30	1.36	15.06	-4.33	26.3476
5473	5107	0.04	14.38	-2.92	0.01	0.71	0.01	-0.94	10.07	-2.26	2.38	1.64	2.09	-4.83	2.14	-1.58	4.92	-9.99	10.47	26.3569
5474	5295	-0.02	10.06	-2.71	0.01	1.06	1.07	-0.94	15.73	-1.93	2.75	2.60	2.09	-4.47	2.27	-1.58	5.56	-15.00	9.82	26.3693
5475	5596	-0.09	2.53	-0.72	-5.55	2.79	-1.05	-0.94	19.91	-2.99	3.84	3.19	-1.14	-5.65	7.40	-2.14	3.99	-2.47	5.46	26.3935
5476	5187	0.04	15.36	-3.50	0.01	0.71	1.07	-0.94	10.07	-2.95	2.02	0.83	2.09	-5.61	1.99	-1.58	4.31	-9.99	12.59	26.5308
5477	1347	-0.43	-12.58	4.30	0.01	0.71	2.13	1.09	-2.57	5.82	-0.53	-0.93	0.10	4.27	-0.41	1.75	11.61	25.08	-12.87	26.5646
5478	4831	0.37	-3.65	1.73	-5.55	0.36	-0.52	-0.34	-3.52	2.68	-0.89	0.74	6.00	27.03	2.37	-2.14	3.68	2.54	-4.33	26.5663
5479	5382	0.67	11.46	-2.64	5.58	2.10	-1.05	-0.94	17.77	-3.65	3.11	1.31	2.09	-6.43	1.44	-1.58	-0.36	-9.99	7.69	26.5866
5480	2581	-0.40	4.18	-0.88	-11.11	-0.68	-2.64	1.56	2.48	-1.17	-0.89	4.05	-2.49	22.69	-1.91	3.41	-4.02	7.55	6.86	26.6003
5481	5403	0.03	14.26	-2.92	0.01	0.71	1.07	-0.94	10.44	-2.26	2.38	1.64	-1.14	-4.83	4.66	-1.58	4.60	-9.99	10.48	26.6337
5482	711	0.22	-8.33	2.65	11.14	0.02	4.25	-0.80	-3.69	5.92	1.29	-0.88	0.10	4.36	-1.41	-1.03	10.52	15.06	-12.75	26.6391
5483	5591	-0.03	9.95	-2.71	0.01	1.06	2.13	-0.94	16.10	-1.93	2.75	2.60	-1.14	-4.47	4.79	-1.58	5.24	-15.00	9.82	26.6460
5484	757	-0.13	-9.60	1.38	-5.55	-1.02	-0.52	-0.80	-3.33	1.40	1.66	0.37	0.10	25.58	-0.84	-0.47	-0.39	27.58	-8.75	26.6711
5485	1776	0.62	-4.97	-0.09	0.01	-0.33	0.01	-0.34	-0.78	-0.75	1.66	3.77	-2.49	23.16	-0.49	-0.47	-2.25	12.56	-2.12	26.7155
5486	5823	2.06	-0.13	-0.33	5.58	1.75	4.25	-0.94	11.15	1.60	3.11	0.05	-1.14	-0.52	3.20	-1.58	0.54	-2.47	0.54	26.7294
5487	5745	-0.76	13.85	-2.49	11.14	0.36	0.54	-0.94	11.19	-3.13	1.66	0.28	-1.14	-5.81	3.66	-1.03	-0.89	-12.49	12.72	26.7354
5488	1427	-0.43	-11.59	3.72	0.01	0.71	3.19	1.09	-2.57	5.12	-0.89	-1.74	0.10	3.48	-0.56	1.75	11.00	25.08	-10.75	26.7385
5489	4285	1.69	-10.58	1.97	-5.55	-0.68	0.54	1.09	-3.95	2.14	1.66	1.18	0.10	26.41	0.96	3.41	-0.36	17.57	-10.86	26.7414
5490	1021	-0.49	-2.28	-0.46	-11.11	-0.33	-2.64	1.56	2.39	-1.63	0.20	4.99	-2.49	22.16	-1.98	3.41	-4.95	20.07	0.32	26.7501
5491	678	0.16	-8.55	1.96	-5.55	-1.02	-0.52	-0.80	-3.11	2.09	0.93	0.87	0.10	26.35	-1.87	-1.03	0.06	27.58	-10.86	26.7780
5492	5879	-0.27	15.47	-3.83	0.01	0.71	1.60	-0.94	15.03	-3.34	2.02	2.85	-1.14	-6.05	3.20	-1.58	4.22	-15.00	13.82	26.7807
5493	5483	0.03	15.25	-3.50	0.01	0.71	2.13	-0.94	10.44	-2.95	2.02	0.83	-1.14	-5.61	4.51	-1.58	4.00	-9.99	12.59	26.8075
5494	791	0.22	-7.35	2.07	11.14	0.02	5.31	-0.80	-3.69	5.23	0.93	-1.69	0.10	3.57	-1.56	-1.03	9.91	15.06	-10.64	26.8129
5495	4066	1.10	6.21	-0.88	-11.11	-0.33	-2.64	1.56	3.76	-1.17	-2.34	3.74	-2.49	22.69	-1.66	2.86	-4.37	5.04	6.86	26.8263
5496	4712	0.61	-2.84	-1.33	-11.11	0.36	-2.64	-0.34	6.29	-2.22	2.38	4.99	2.21	21.50	5.67	-0.47	-1.20	2.54	2.44	26.8361
5497	5678	0.66	11.35	-2.64	5.58	2.10	0.01	-0.94	18.14	-3.65	3.11	1.31	-1.14	-6.43	3.96	-1.58	-0.67	-9.99	7.69	26.8634
5498	3427	1.29	4.66	-0.54	-11.11	-0.33	-0.52	-0.34	4.63	-1.08	-1.25	4.55	-2.49	22.77	-1.54	-2.14	0.97	2.54	6.86	26.9198
5499	71	0.03	-8.33	2.67	11.14	1.40	4.25	-0.94	-6.25	6.01	2.02	-0.88	-2.81	4.46	-0.07	-1.58	10.99	17.57	-12.75	26.9400
5500	117	-0.32	-9.60	1.40	-5.55	0.36	-0.52	-0.94	-5.89	1.49	2.38	0.37	-2.81	25.68	0.51	-1.03	0.08	30.09	-8.75	26.9721
5501	5899	0.32	13.40	-1.43	-5.55	1.06	2.66	-0.94	16.29	-1.71	2.38	2.80	-1.14	-4.22	2.54	-2.69	6.44	-12.49	9.29	27.0186
5502	5893	0.36	7.73	-1.93	5.58	2.10	0.54	-0.94	17.93	-2.79	4.57	2.43	-1.14	-5.45	4.10	-1.03	-0.15	-9.99	5.10	27.0350
5503	38	-0.03	-8.55	1.98	-5.55	0.36	-0.52	-0.94	-5.67	2.18	1.66	0.87	-2.81	26.45	-0.53	-1.58	0.53	30.09	-10.86	27.0790
5504	5846	1.38	-2.83	0.96	-5.55	2.45	0.01	-0.94	15.91	1.31	3.84	1.00	-1.14	-0.81	6.31	-1.58	1.30	5.04	0.43	27.0836
5505	5367	-0.25	17.16	-4.54	0.01	0.71	0.01	-0.94	14.66	-4.20	1.66	2.04	2.09	-7.02	1.72	-1.58	4.16	-15.00	16.41	27.1003
5506	151	0.03	-7.35	2.10	11.14	1.40	5.31	-0.94	-6.25	5.32	1.66	-1.69	-2.81	3.68	-0.21	-1.58	10.38	17.57	-10.64	27.1139
5507	756	-0.47	-5.68	1.25	-5.55	-1.37	-0.52	-0.80	-5.18	-0.06	0.57	1.06	0.10	23.93	-1.22	-1.58	1.93	25.08	-4.33	27.1522
5508	5154	-0.44	16.59	-2.63	11.14	0.36	-1.05	-0.94	11.04	-3.30	0.57	-0.04	2.09	-6.00	1.15	-1.58	-0.49	-12.49	13.20	27.1708
5509	4284	1.35	-6.67	1.83	-5.55	-1.02	0.54	1.09	-5.80	0.69	0.57	1.87	0.10	24.76	0.58	2.30	1.96	15.06	-6.44	27.2224
5510	1020	-0.83	1.64	-0.60	-11.11	-0.68	-2.64	1.56	0.53	-3.09	-0.89	5.67	-2.49	20.52	-2.36	2.30	-2.63	17.57	4.74	27.2312
5511	5710	-0.46	14.24	-1.52	11.14	0.71	0.01	-0.94	12.43	-1.95	0.93	0.45	-1.14	-4.48	2.56	-1.58	0.15	-12.49	9.21	27.2641
5512	5387	0.33	15.10	-2.14	-5.55	1.06	1.07	-0.94	15.92	-2.57	2.02	1.99	2.09	-5.19	1.06	-2.69	6.38	-12.49	11.88	27.3382
5513	5381	0.38	9.43	-2.64	5.58	2.10	-1.05	-0.94	17.56	-3.65	4.20	1.62	2.09	-6.42	2.63	-1.03	-0.20	-9.99	7.69	27.3545
5514	5663	-0.27	17.05	-4.54	0.01	0.71	1.07	-0.94	15.03	-4.20	1.66	2.04	-1.14	-7.03	4.24	-1.58	3.84	-15.00	16.42	27.3770
5515	2403	0.78	-0.53	0.51	16.71	0.36	4.25	1.56	-3.03	2.52	-0.16	1.23	-2.49	0.52	-2.25	2.86	4.65	2.54	-2.60	27.4340
5516	5790	-0.46	15.23	-2.10	11.14	0.71	1.07	-0.94	12.43	-2.64	0.57	-0.36	-1.14	-5.26	2.41	-1.58	-0.46	-12.49	11.32	27.437

5520	5302	0.67	10.47	-2.06	5.58	2.10	-1.05	-0.94	17.77	2.96	3.48	2.12	2.09	-5.64	1.59	-1.58	0.25	-9.99	5.57	27.4705
5521	1223	-0.53	-3.65	1.73	-5.55	-0.33	-0.52	1.56	-8.81	2.68	-3.07	0.74	1.30	27.03	-4.57	1.75	2.02	20.07	-4.33	27.5230
5522	677	-0.13	-10.58	1.96	-5.55	-1.02	-0.52	-0.80	-3.33	2.09	2.02	1.18	0.10	26.35	-0.69	-0.47	0.21	27.58	-10.86	27.5459
5523	5738	-0.70	21.99	-3.74	11.14	0.02	-0.52	-0.94	10.34	-4.71	-0.16	0.22	-1.14	-7.59	2.08	-1.58	-1.84	-12.49	17.21	27.5823
5524	1696	0.62	-5.96	0.48	0.01	-0.33	0.01	-0.34	-0.78	-0.05	2.02	4.58	-2.49	23.93	-0.34	-0.47	-1.64	12.56	-4.23	27.5903
5525	4065	0.81	4.18	-0.88	-11.11	-0.33	-2.64	1.56	3.54	-1.16	-1.25	4.05	-2.49	22.70	-0.48	3.41	-4.22	5.04	6.86	27.5942
5526	5683	0.32	14.99	-2.14	-5.55	1.06	2.13	-0.94	16.29	-2.57	2.02	1.99	-1.14	-5.19	3.58	-2.69	6.07	-12.49	11.89	27.6149
5527	458	-0.72	6.21	-0.89	-11.11	-0.68	-3.70	-0.34	4.39	-1.22	-1.98	3.74	-2.49	22.64	-3.31	-1.03	-3.80	15.06	6.86	27.6309
5528	5677	0.36	9.31	-2.64	5.58	2.10	0.01	-0.94	17.93	-3.65	4.20	1.62	-1.14	-6.42	5.15	-1.03	-0.52	-9.99	7.69	27.6313
5529	5932	0.55	7.82	-3.19	5.58	1.75	1.07	-0.94	15.52	-3.86	4.57	2.75	-1.14	-6.67	4.88	-1.03	1.36	-9.99	8.61	27.6559
5530	2238	0.25	-2.09	1.54	-5.55	-1.37	0.54	-0.80	-3.02	2.55	-0.16	-0.07	0.10	26.87	-1.80	-1.03	0.99	15.06	-4.33	27.6860
5531	3260	1.82	-4.97	-0.09	0.01	0.02	0.01	-0.34	0.29	-0.74	1.29	3.77	-2.49	23.16	0.94	-0.47	-2.45	10.05	-2.12	27.7093
5532	5598	0.66	10.36	-2.06	5.58	2.10	0.01	-0.94	18.14	-2.96	3.48	2.12	-1.14	-5.64	4.11	-1.58	-0.07	-9.99	5.58	27.7472
5533	2502	-0.10	5.22	-0.30	-11.11	-0.68	-1.58	1.56	2.69	-0.48	-1.62	4.55	-2.49	23.46	-2.94	2.86	-3.57	7.55	4.74	27.7649
5534	1104	-0.29	-2.84	-1.33	-11.11	-0.33	-2.64	1.56	1.00	-2.22	0.20	4.99	-2.49	21.50	-1.27	3.41	-2.86	20.07	2.44	27.7928
5535	37	-0.32	-10.58	1.98	-5.55	0.36	-0.52	-0.94	-5.89	2.19	2.75	1.18	-2.81	26.46	0.66	-1.03	0.68	30.09	-10.86	27.8469
5536	2884	0.68	-11.14	1.10	-5.55	-1.02	1.60	1.09	-6.41	1.55	2.02	1.18	0.10	25.74	0.23	3.41	1.94	20.07	-8.75	27.8479
5537	5845	1.09	-4.86	0.96	-5.55	2.45	0.01	-0.94	15.69	1.32	4.93	1.31	-1.14	-0.80	7.49	-1.03	1.45	5.04	0.43	27.8515
5538	1863	0.09	3.67	0.03	-11.11	-0.68	0.54	-0.34	3.56	-0.40	-0.53	5.36	-2.49	23.54	-2.82	-2.14	1.77	5.04	4.74	27.8585
5539	3082	1.27	-2.09	1.56	-5.55	0.36	-0.52	-0.94	-4.51	2.65	0.20	-0.07	-2.81	26.99	0.98	-1.58	1.26	15.06	-4.33	27.9254
5540	5231	2.08	0.57	-0.46	5.58	1.75	2.66	-0.94	10.78	1.43	3.11	0.05	2.09	-0.70	1.88	-1.58	1.08	-2.47	1.02	27.9327
5541	5153	-0.74	14.55	-2.62	11.14	0.36	-1.05	-0.94	10.82	-3.30	1.66	0.28	2.09	-5.99	2.33	-1.03	-0.34	-12.49	13.20	27.9387
5542	5287	-0.25	16.17	-3.96	0.01	0.71	0.01	-0.94	14.66	-3.51	2.02	2.85	2.09	-6.24	1.87	-1.58	4.77	-15.00	14.30	27.9841
5543	1598	0.06	-2.09	1.56	-5.55	0.02	0.54	-0.94	-5.58	2.64	0.57	-0.07	-2.81	26.98	-0.45	-1.58	1.46	17.57	-4.33	27.9869
5544	2414	0.73	-1.39	0.21	0.01	-0.33	-1.05	1.56	-1.43	-0.83	-0.53	2.65	-2.49	23.07	-2.78	2.86	-5.21	15.06	-2.12	27.9948
5545	676	-0.47	-6.67	1.82	-5.55	-1.37	-0.52	-0.80	-5.18	0.64	0.93	1.87	0.10	24.71	-1.07	-1.58	2.53	25.08	-6.44	28.0270
5546	5709	-0.76	12.21	-1.52	11.14	0.71	0.01	-0.94	12.21	-1.94	2.02	0.76	-1.14	-4.47	3.74	-1.03	0.30	-12.49	9.21	28.0320
5547	4523	0.42	-4.77	2.15	5.58	1.75	1.07	-0.34	5.07	2.37	0.20	1.17	2.21	0.39	5.48	-2.14	7.77	2.54	-2.71	28.2013
5548	5789	-0.76	13.20	-2.10	11.14	0.71	1.07	-0.94	12.21	-2.63	1.66	-0.05	-1.14	-5.25	3.59	-1.03	-0.31	-12.49	11.32	28.2058
5549	5527	2.06	0.46	-0.46	5.58	1.75	3.72	-0.94	11.15	1.43	3.11	0.05	-1.14	-0.70	4.40	-1.58	0.77	-2.47	1.02	28.2095
5550	5449	-0.76	14.44	-2.63	11.14	0.36	0.01	-0.94	11.19	-3.30	1.66	0.28	-1.14	-6.00	4.86	-1.03	-0.66	-12.49	13.20	28.2155
5551	5307	0.33	14.11	-1.56	-5.55	1.06	1.07	-0.94	15.92	-1.88	2.38	2.80	2.09	-4.41	1.21	-2.69	6.99	-12.49	9.77	28.2220
5552	5301	0.38	8.44	-2.06	5.58	2.10	-1.05	-0.94	17.56	-2.95	4.57	2.43	2.09	-5.63	2.78	-1.03	0.40	-9.99	5.57	28.2384
5553	5583	-0.27	16.06	-3.96	0.01	0.71	1.07	-0.94	15.03	-3.51	2.02	2.85	-1.14	-6.24	4.39	-1.58	4.45	-15.00	14.30	28.2609
5554	5254	1.40	-2.12	0.83	-5.55	2.45	-1.58	-0.94	15.54	1.14	3.84	1.00	2.09	-0.99	4.98	-1.58	1.85	5.04	0.91	28.2869
5555	36	-0.66	-6.67	1.84	-5.55	0.02	-0.52	-0.94	-7.74	0.73	1.66	1.87	-2.81	24.82	0.27	-2.14	3.00	27.58	-6.44	28.3280
5556	5737	-0.99	19.96	-3.74	11.14	0.02	-0.52	-0.94	10.12	-4.70	0.93	0.53	-1.14	-7.58	3.26	-1.03	-1.69	-12.49	17.21	28.3502
5557	1143	-0.53	-4.63	2.31	-5.55	-0.33	-0.52	1.56	-8.81	3.38	-2.71	1.55	1.30	27.80	-4.42	1.75	2.62	20.07	-6.44	28.3978
5558	457	-1.02	4.18	-0.89	-11.11	-0.68	-3.70	-0.34	4.17	-1.21	-0.89	4.05	-2.49	22.64	-2.12	-0.47	-3.65	15.06	6.86	28.3988
5559	1947	0.62	-0.81	-0.70	-11.11	-0.33	0.54	-0.34	4.03	0.47	0.57	4.67	-2.49	24.53	-1.74	-1.03	1.55	7.55	2.44	28.4201
5560	3887	1.99	-0.53	0.51	16.71	0.71	4.25	1.56	-1.96	2.52	-0.53	1.23	-2.49	0.53	-0.82	2.86	4.45	0.03	-2.60	28.4278
5561	2237	-0.04	-4.12	1.54	-5.55	-1.37	0.54	-0.80	-3.24	2.56	0.93	0.25	0.10	26.88	-0.62	-0.47	1.14	15.06	-4.33	28.4539
5562	5118	-0.44	14.95	-1.66	11.14	0.71	-1.58	-0.94	12.06	-2.12	0.93	0.45	2.09	-4.66	1.23	-1.58	0.70	-12.49	9.68	28.4675
5563	5603	0.32	14.00	-1.56	-5.55	1.06	2.13	-0.94	16.29	-1.88	2.38	2.80	-1.14	-4.41	3.73	-2.69	6.67	-12.49	9.77	28.4988
5564	5597	0.36	8.33	-2.06	5.58	2.10	0.01	-0.94	17.93	-2.95	4.57	2.43	-1.14	-5.64	5.30	-1.03	0.09	-9.99	5.58	28.5151
5565	2501	-0.40	3.19	-0.30	-11.11	-0.68	-1.58	1.56	2.48	-0.47	-0.53	4.86	-2.49	23.47	-1.76	3.41	-3.42	7.55	4.74	28.5328
5566	2158	0.25	-3.08	2.12	-5.55	-1.37	0.54	-0.80	-3.02	3.24	0.20	0.74	0.10	27.65	-1.65	-1.03	1.59	15.06	-6.44	28.5608
5567	5550	1.38	-2.23	0.83	-5.55	2.45	-0.52	-0.94	15.91	1.14	3.84	1.00	-1.14	-0.99	7.50	-1.58	1.53	5.04	0.91	28.5637
5568	3180	1.82	-5.96	0.48	0.01	0.02	0.01	-0.34	0.29	-0.05	1.66	4.58	-2.49	23.94	1.09	-0.47	-1.84	10.05	-4.23	28.5842
5569	5198	-0.44	15.94	-2.24	11.14	0.71	-0.52	-0.94	12.06	-2.81	0.57	-0.36	2.09	-5.45	1.08	-1.58	0.09	-12.49	11.80	28.6413
5570	3722	1.46	-2.09	1.54	-5.55	-1.02	0.54	-0.80	-1.95	2.56	-0.53	-0.07	0.10	26.88	-0.37	-1.03	0.79	12.56	-4.33	28.6798
5571	3081	0.97	-4.12	1.56	-5.55	0.36	-0.52	-0.94	-4.73	2.66	1.29	0.25	-2.81	26.99	2.16	-1.03	1.41	15.06	-4.33	28.6933
5572	2804	0.68	-12.13	1.68	-5.55	-1.02	1.60	1.09	-6.41	2.25	2.38	1.99	0.10	26.52	0.38	3.41	2.54	20.07	-10.86	28.7227
5573	2367	0.78	-2.16	1.48	16.71	0.71	3.72	1.56	-2.01	3.70	0.20	1.71	-2.49	1.86	-2.17	2.86	5.85	2.54	-6.12	28.7306
5574	5414	-0.46	14.84	-1.66	11.14	0.71	-0.52	-0.94	12.43	-2.12	0.93	0.45	-1.14	-4.67	3.75	-1.58	0.38	-12.49	9.69	28.7442
5575	1597	-0.23	-4.12	1.56	-5.55	0.02	0.54	-0.94	-5.80	2.65	1.66	0.25	-2.81	26.98	0.73	-1.03	1.61	17.57	-4.33	28.7548
5576	3986	1.10	5.22	-0.30	-11.11	-0.33	-1.58	1.56	3.76	-0.47	-1.98	4.55	-2.49	23.47	-1.51	2.86	-3.77	5.04	4.74	28.7588
5577	2413	0.43	-3.43	0.21	0.01	-0.33	-1.05	1.56	-1.64	-0.82	0.57	2.96	-2.49	23.08	-1.60	3.41	-5.06	15.06	-2.12	28.7627
5578	4632	0.61	-3.83	-0.76	-11.11	0.36	-1.58	-0.34	6.29	-1.52	2.75	5.80	2.21	22.28	5.81	-0.47	-0.59	2.54	0.32	28.7686
5579	5146	-0.68	22.70	-3.88	11.14	0.02	-2.11	-0.94	9.97	-4.88	-0.16	0.22	2.09	-7.78	0.75	-1.58	-1.29	-12.49	17.69	28.7857
5580	3002	1.27	-3.08	2.14	-5.55	0.36	-0.52	-0.94	-4.51	3.34	0.57	0.74	-2.81	27.77	1.13	-1.58	1.86	15.06	-6.44	28.8002
5581	6055	0.85	1.55	-0.29	11.14	2.10	3.19	-0.94	6.17	2.60	2.75	-1.36	2.65	0.62	2.82	-1.58	6.61	-7.48	-2.57	28

5585	1518	0.06	-3.08	2.14	-5.55	0.02	0.54	-0.94	-5.58	3.34	0.93	0.74	-2.81	27.75	-0.31	-1.58	2.06	17.57	6.44	28.8617
5586	2334	0.73	-2.38	0.78	0.01	-0.33	-1.05	1.56	-1.43	-0.13	-0.16	3.46	-2.49	23.85	-2.63	2.86	-4.61	15.06	-4.23	28.8696
5587	5702	-0.70	20.35	-2.77	11.14	0.36	-1.05	-0.94	11.36	-3.52	0.20	0.70	-1.14	-6.25	2.16	-1.58	-0.64	-12.49	13.69	28.8789
5588	2447	0.78	-1.18	0.90	16.71	0.71	4.78	1.56	-2.01	3.01	-0.16	0.90	-2.49	1.08	-2.32	2.86	5.24	2.54	-4.01	28.9045
5589	5494	-0.46	15.83	-2.24	11.14	0.71	0.54	-0.94	12.43	-2.81	0.57	-0.36	-1.14	-5.45	3.60	-1.58	-0.23	-12.49	11.80	28.9181
5590	3898	1.93	-1.39	0.21	0.01	0.02	-1.05	1.56	-0.36	-0.82	-0.89	2.65	-2.49	23.08	-1.35	2.86	-5.42	12.56	-2.12	28.9886
5591	5782	-0.70	21.34	-3.35	11.14	0.36	0.01	-0.94	11.36	-4.22	-0.16	-0.11	-1.14	-7.04	2.01	-1.58	-1.25	-12.49	15.80	29.0528
5592	5253	1.10	-4.15	0.83	-5.55	2.45	-1.58	-0.94	15.32	1.15	4.93	1.31	2.09	-0.98	6.16	-1.03	2.00	5.04	0.91	29.0548
5593	4835	0.90	-9.11	1.57	-5.55	0.71	0.54	-0.34	-3.06	4.25	0.57	0.87	6.00	28.79	3.60	-1.03	4.06	5.04	-8.75	29.0603
5594	5442	-0.70	22.58	-3.88	11.14	0.02	-1.05	-0.94	10.34	-4.88	-0.16	0.22	-1.14	-7.78	3.27	-1.58	-1.61	-12.49	17.69	29.0624
5595	5976	0.55	7.17	-2.80	5.58	2.10	1.60	-0.94	16.54	-3.37	4.57	2.43	-1.14	-6.11	4.81	-1.03	1.94	-9.99	7.21	29.1263
5596	5636	0.55	8.41	-3.32	5.58	1.75	0.54	-0.94	15.52	-4.03	4.57	2.75	-1.14	-6.85	6.07	-1.03	1.59	-9.99	9.09	29.1360
5597	915	-0.48	-4.77	2.15	5.58	1.06	1.07	1.56	-0.21	2.37	-1.98	1.17	-2.49	0.39	-1.46	1.75	6.11	20.07	-2.71	29.1580
5598	279	0.16	-0.53	0.50	16.71	0.36	3.19	-0.34	-1.33	2.47	-0.16	1.23	-2.49	0.48	-2.46	-1.03	5.02	10.05	-2.60	29.2324
5599	5117	-0.74	12.92	-1.66	11.14	0.71	-1.58	-0.94	11.84	-2.11	2.02	0.76	2.09	-4.66	2.41	-1.03	0.85	-12.49	9.68	29.2354
5600	2412	0.09	0.49	0.07	0.01	-0.68	-1.05	1.56	-3.50	-2.27	-0.53	3.65	-2.49	21.44	-1.98	2.30	-2.74	12.56	2.30	29.2437
5601	2157	-0.04	-5.11	2.12	-5.55	-1.37	0.54	-0.80	-3.24	3.25	1.29	1.06	0.10	27.66	-0.47	-0.47	1.75	15.06	-6.44	29.3287
5602	5549	1.09	-4.26	0.83	-5.55	2.45	-0.52	-0.94	15.69	1.15	4.93	1.31	-1.14	-0.99	8.68	-1.03	1.68	5.04	0.91	29.3316
5603	6066	0.79	0.68	-0.59	-5.55	1.40	-2.11	-0.94	7.78	-0.74	2.38	0.06	2.65	23.17	2.29	-1.58	-3.25	5.04	-2.09	29.3871
5604	4995	1.13	-6.70	1.69	11.14	0.36	4.78	-0.80	-1.68	4.77	2.38	-1.36	4.80	3.06	5.20	-1.03	10.86	0.03	-9.24	29.4081
5605	5197	-0.74	13.90	-2.23	11.14	0.71	-0.52	-0.94	11.84	-2.80	1.66	-0.05	2.09	-5.44	2.26	-1.03	0.24	-12.49	11.80	29.4092
5606	3431	1.82	-0.81	-0.70	-11.11	0.02	0.54	-0.34	5.10	0.48	0.20	4.67	-2.49	24.53	-0.31	-1.03	1.35	5.04	2.44	29.4139
5607	3721	1.16	-4.12	1.54	-5.55	-1.02	0.54	-0.80	-2.17	2.56	0.57	0.25	0.10	26.89	0.81	-0.47	0.94	12.56	-4.33	29.4477
5608	4487	0.42	-6.41	3.11	5.58	2.10	0.54	-0.34	6.10	3.55	0.57	1.66	2.21	1.72	5.55	-2.14	8.97	2.54	-6.23	29.4979
5609	5413	-0.76	12.80	-1.66	11.14	0.71	-0.52	-0.94	12.21	-2.11	2.02	0.76	-1.14	-4.66	4.93	-1.03	0.54	-12.49	9.69	29.5121
5610	3985	0.81	3.19	-0.30	-11.11	-0.33	-1.58	1.56	3.54	-0.47	-0.89	4.86	-2.49	23.47	-0.33	3.41	-3.62	5.04	4.74	29.5267
5611	5145	-0.98	20.66	-3.87	11.14	0.02	-2.11	-0.94	9.75	-4.87	0.93	0.53	2.09	-7.77	1.94	-1.03	-1.14	-12.49	17.69	29.5536
5612	3642	1.46	-3.08	2.12	-5.55	-1.02	0.54	-0.80	-1.95	3.25	-0.16	0.74	0.10	27.66	-0.22	-1.03	1.39	12.56	-6.44	29.5546
5613	378	-0.72	5.22	-0.32	-11.11	-0.68	-2.64	-0.34	4.39	-0.52	-1.62	4.55	-2.49	23.41	-3.16	-1.03	-3.20	15.06	4.74	29.5634
5614	3001	0.97	-5.11	2.14	-5.55	0.36	-0.52	-0.94	-4.73	3.35	1.66	1.06	-2.81	27.77	2.31	-1.03	2.01	15.06	-6.44	29.5681
5615	1517	-0.23	-5.11	2.14	-5.55	0.02	0.54	-0.94	-5.80	3.34	2.02	1.06	-2.81	27.76	0.88	-1.03	2.21	17.57	-6.44	29.6296
5616	2333	0.43	-4.41	0.78	0.01	-0.33	-1.05	1.56	-1.64	-0.13	0.93	3.77	-2.49	23.86	-1.45	3.41	-4.46	15.06	-4.23	29.6375
5617	760	0.06	-11.14	1.09	-5.55	-1.02	0.54	-0.80	-4.71	1.51	2.02	1.18	0.10	25.69	0.02	-0.47	2.30	27.58	-8.75	29.6463
5618	5701	-0.99	18.32	-2.77	11.14	0.36	-1.05	-0.94	11.14	-3.52	1.29	1.02	-1.14	-6.24	3.34	-1.03	-0.49	-12.49	13.69	29.6468
5619	4567	0.42	-5.42	2.54	5.58	2.10	1.60	-0.34	6.10	2.86	0.20	0.85	2.21	0.94	5.41	-2.14	8.36	2.54	-4.12	29.6717
5620	5493	-0.76	13.79	-2.23	11.14	0.71	0.54	-0.94	12.21	-2.80	1.66	-0.05	-1.14	-5.44	4.78	-1.03	-0.07	-12.49	11.80	29.6860
5621	4288	1.88	-12.13	1.68	-5.55	-0.68	1.60	1.09	-5.34	2.25	2.02	1.99	0.10	26.52	1.81	3.41	2.34	17.57	-10.86	29.7165
5622	3851	1.99	-2.16	1.48	16.71	1.06	3.72	1.56	-0.94	3.71	-0.16	1.71	-2.49	1.87	-0.74	2.86	5.65	0.03	-6.12	29.7245
5623	1024	-0.29	-3.83	-0.76	-11.11	-0.33	-1.58	1.56	1.00	-1.52	0.57	5.80	-2.49	22.28	-1.12	3.41	-2.25	20.07	0.32	29.7253
5624	3897	1.63	-3.43	0.21	0.01	0.02	-1.05	1.56	-0.58	-0.81	0.20	2.96	-2.49	23.08	-0.17	3.41	-5.26	12.56	-2.12	29.7565
5625	290	0.11	-1.39	0.19	0.01	-0.33	-2.11	-0.34	0.27	-0.87	-0.53	2.65	-2.49	23.02	-3.00	-1.03	-4.85	22.57	-2.12	29.7932
5626	5781	-0.99	19.31	-3.35	11.14	0.36	0.01	-0.94	11.14	-4.21	0.93	0.21	-1.14	-7.03	3.19	-1.03	-1.10	-12.49	15.80	29.8207
5627	5441	-0.99	20.55	-3.87	11.14	0.02	-1.05	-0.94	10.12	-4.87	0.93	0.53	-1.14	-7.77	4.46	-1.03	-1.45	-12.49	17.69	29.8303
5628	3818	1.93	-2.38	0.78	0.01	0.02	-1.05	1.56	-0.36	-0.13	-0.53	3.46	-2.49	23.85	-1.20	2.86	-4.81	12.56	-4.23	29.8634
5629	3931	1.99	-1.18	0.90	16.71	1.06	4.78	1.56	-0.94	3.02	-0.53	0.90	-2.49	1.08	-0.89	2.86	5.04	0.03	-4.01	29.8983
5630	5926	0.01	7.16	-1.26	-5.55	2.45	-1.05	-0.94	20.49	-1.41	2.02	1.58	-1.14	-3.86	5.09	-1.58	1.88	-2.47	8.50	29.9136
5631	4755	0.90	-10.10	2.15	-5.55	0.71	0.54	-0.34	-3.06	4.94	0.93	1.68	6.00	29.57	3.75	-1.03	4.66	5.04	-10.86	29.9352
5632	120	-0.13	-11.14	1.11	-5.55	0.36	0.54	-0.94	-7.27	1.60	2.75	1.18	-2.81	25.80	1.36	-1.03	2.77	30.09	-8.75	29.9472
5633	5006	1.07	-7.56	1.39	-5.55	-0.33	-0.52	-0.80	-0.07	1.43	2.02	0.06	4.80	25.61	4.67	-1.03	1.00	12.56	-8.75	29.9688
5634	5896	0.55	6.18	-2.22	5.58	2.10	1.60	-0.94	16.54	-2.68	4.93	3.24	-1.14	-5.33	4.96	-1.03	2.55	-9.99	5.10	30.0102
5635	1227	0.00	-9.11	1.57	-5.55	0.02	0.54	1.56	-8.34	4.25	-1.62	0.87	1.30	28.79	-3.34	2.86	2.40	22.57	-8.75	30.0170
5636	5110	-0.68	21.06	-2.91	11.14	0.36	-2.64	-0.94	10.99	-3.69	0.20	0.70	2.09	-6.44	0.83	-1.58	-0.09	-12.49	14.17	30.0823
5637	2332	0.09	-0.50	0.65	0.01	-0.68	-1.05	1.56	-3.50	-1.58	-0.16	4.46	-2.49	22.21	-1.83	2.30	-2.14	12.56	0.19	30.1185
5638	6019	0.85	-0.09	0.68	11.14	2.45	2.66	-0.94	7.20	3.79	3.11	-0.88	2.65	1.96	2.89	-1.58	7.81	-7.48	-6.09	30.1230
5639	6065	0.49	-1.35	-0.59	-5.55	1.40	-2.11	-0.94	7.56	-0.73	3.48	0.37	2.65	23.18	3.47	-1.03	-3.10	5.04	-2.09	30.1550
5640	3896	1.29	0.49	0.07	0.01	-0.33	-1.05	1.56	-2.43	-2.27	-0.89	3.65	-2.49	21.44	-0.55	2.30	-2.94	10.05	2.30	30.2376
5641	5190	-0.68	22.05	-3.48	11.14	0.36	-1.58	-0.94	10.99	-4.39	-0.16	-0.11	2.09	-7.22	0.68	-1.58	-0.70	-12.49	16.28	30.2561
5642	5986	0.79	-0.31	-0.01	-5.55	1.40	-2.11	-0.94	7.78	-0.05	2.75	0.87	2.65	23.95	2.43	-1.58	-2.65	5.04	-4.20	30.2620
5643	6099	0.85	0.90	0.10	11.14	2.45	3.72	-0.94	7.20	3.09	2.75	-1.69	2.65	1.18	2.74	-1.58	7.20	-7.48	-3.98	30.2969
5644	5762	0.42	14.46	-1.50	5.58	0.71	1.60	-0.94	12.07	-1.52	1.66	0.29	-1.14	-4.00	2.66	-1.58	0.77	-7.48	8.26	30.3143
5645	3641	1.16	-5.11	2.12	-5.55	-1.02	0.54	-0.80	-2.17	3.26	0.93	1.06	0.10	27.66	0.96	-0.47	1.54	12.56	-6.44	30.3225
5646	5384	0.57	7.88	-2.93	5.58	2.10	0.01	-0.94	16.17	-3.54	4.57	2.43	2.09	-6.30	3.48	-1.03	2.49	-9.99	7.69	30.32

5650	1387	0.22	-6.70	1.69	11.14	-0.33	4.78	1.09	-6.96	4.77	0.20	-1.36	0.10	3.06	-1.74	2.86	9.20	17.57	9.24	30.3648
5651	879	-0.48	-6.41	3.11	5.58	1.40	0.54	1.56	0.81	3.55	-1.62	1.66	-2.49	1.72	-1.38	1.75	7.31	20.07	-6.23	30.4546
5652	680	0.06	-12.13	1.67	-5.55	-1.02	0.54	-0.80	-4.71	2.20	2.38	1.99	0.10	26.47	0.16	-0.47	2.91	27.58	-10.86	30.5211
5653	243	0.16	-2.16	1.47	16.71	0.71	2.66	-0.34	-0.31	3.66	0.20	1.71	-2.49	1.81	-2.39	-1.03	6.22	10.05	-6.12	30.5291
5654	5486	-0.70	21.94	-3.48	11.14	0.36	-0.52	-0.94	11.36	-4.39	-0.16	-0.11	-1.14	-7.22	3.20	-1.58	-1.02	-12.49	16.28	30.5329
5655	289	-0.19	-3.43	0.20	0.01	-0.33	-2.11	-0.34	0.05	-0.86	0.57	2.96	-2.49	23.03	-1.81	-0.47	-4.69	22.57	-2.12	30.5611
5656	5680	0.55	7.77	-2.93	5.58	2.10	1.07	-0.94	16.54	-3.54	4.57	2.43	-1.14	-6.30	6.00	-1.03	2.18	-9.99	7.69	30.6065
5657	959	-0.48	-5.42	2.54	5.58	1.40	1.60	1.56	0.81	2.86	-1.98	0.85	-2.49	0.94	-1.53	1.75	6.70	20.07	-4.12	30.6284
5658	3817	1.63	-4.41	0.79	0.01	0.02	-1.05	1.56	-0.58	-0.12	0.57	3.77	-2.49	23.86	-0.02	3.41	-4.66	12.56	-4.23	30.6313
5659	6064	0.16	2.57	-0.72	-5.55	1.06	-2.11	-0.94	5.71	-2.19	2.38	1.06	2.65	21.54	3.09	-2.14	-0.78	2.54	2.33	30.6361
5660	210	0.11	-2.38	0.77	0.01	-0.33	-2.11	-0.34	0.27	-0.18	-0.16	3.46	-2.49	23.80	-2.85	-1.03	-4.24	22.57	-4.23	30.6680
5661	5925	-0.29	5.13	-1.26	-5.55	2.45	-1.05	-0.94	20.28	-1.40	3.11	1.89	-1.14	-3.86	6.27	-1.03	2.03	-2.47	8.50	30.6815
5662	323	0.16	-1.18	0.89	16.71	0.71	3.72	-0.34	-0.31	2.97	-0.16	0.90	-2.49	1.03	-2.54	-1.03	5.61	10.05	-4.01	30.7029
5663	4959	1.13	-8.33	2.66	11.14	0.71	4.25	-0.80	-0.65	5.96	2.75	-0.88	4.80	4.40	5.27	-1.03	12.06	0.03	-12.75	30.7047
5664	5005	0.77	-9.60	1.39	-5.55	-0.33	-0.52	-0.80	-0.29	1.44	3.11	0.37	4.80	25.62	5.85	-0.47	1.15	12.56	-8.75	30.7367
5665	40	-0.13	-12.13	1.69	-5.55	0.36	0.54	-0.94	-7.27	2.29	3.11	1.99	-2.81	26.58	1.51	-1.03	3.38	30.09	-10.86	30.8220
5666	4926	1.07	-8.55	1.97	-5.55	-0.33	-0.52	-0.80	-0.07	2.12	2.38	0.87	4.80	26.39	4.81	-1.03	1.60	12.56	-10.86	30.8437
5667	5109	-0.98	19.03	-2.91	11.14	0.36	-2.64	-0.94	10.77	-3.69	1.29	1.02	2.09	-6.43	2.01	-1.03	0.06	-12.49	14.17	30.8502
5668	5039	1.13	-7.35	2.08	11.14	0.71	5.31	-0.80	-0.65	5.26	2.38	-1.69	4.80	3.61	5.13	-1.03	11.45	0.03	-10.64	30.8786
5669	1147	0.00	-10.10	2.15	-5.55	0.02	0.54	1.56	-8.34	4.94	-1.25	1.68	1.30	29.56	-3.19	2.86	3.00	22.57	-10.86	30.8919
5670	1398	0.16	-7.56	1.39	-5.55	-1.02	-0.52	1.09	-5.36	1.43	-0.16	0.06	0.10	25.61	-2.27	2.86	-0.66	30.09	-8.75	30.9255
5671	2583	0.09	4.66	-0.54	-11.11	-0.68	-0.52	1.56	1.31	-1.05	-1.62	4.55	-2.49	22.81	-3.23	1.75	1.05	7.55	6.86	30.9483
5672	5189	-0.98	20.02	-3.48	11.14	0.36	-1.58	-0.94	10.77	-4.38	0.93	0.21	2.09	-7.21	1.86	-1.03	-0.55	-12.49	16.28	31.0240
5673	5985	0.49	-2.34	-0.01	-5.55	1.40	-2.11	-0.94	7.56	-0.04	3.84	1.18	2.65	23.96	3.62	-1.03	-2.50	5.04	-4.20	31.0299
5674	288	-0.53	0.49	0.06	0.01	-0.68	-2.11	-0.34	-1.80	-2.32	-0.53	3.65	-2.49	21.39	-2.20	-1.58	-2.38	20.07	2.30	31.0421
5675	5761	0.13	12.43	-1.50	5.58	0.71	1.60	-0.94	11.85	-1.51	2.75	0.61	-1.14	-3.99	3.84	-1.03	0.92	-7.48	8.26	31.0822
5676	5747	-0.27	14.33	-2.15	11.14	0.36	2.66	-0.94	10.02	-3.02	0.93	0.77	-1.14	-5.69	2.34	-2.69	4.18	-12.49	12.72	31.0833
5677	3816	1.29	-0.50	0.65	0.01	-0.33	-1.05	1.56	-2.43	-1.58	-0.53	4.46	-2.49	22.22	-0.40	2.30	-2.34	10.05	0.19	31.1124
5678	5334	0.03	7.86	-1.39	-5.55	2.45	-2.64	-0.94	20.12	-1.57	2.02	1.58	2.09	-4.05	3.76	-1.58	2.43	-2.47	8.98	31.1170
5679	5405	-0.99	18.91	-2.91	11.14	0.36	-1.58	-0.94	11.14	-3.69	1.29	1.02	-1.14	-6.43	4.53	-1.03	-0.26	-12.49	14.17	31.1269
5680	5304	0.57	6.89	-2.36	5.58	2.10	0.01	-0.94	16.17	-2.84	4.93	3.24	2.09	-5.52	3.63	-1.03	3.10	-9.99	5.57	31.2135
5681	5004	0.43	-5.68	1.25	-5.55	-0.68	-0.52	-0.80	-2.14	-0.02	2.02	1.06	4.80	23.97	5.47	-1.58	3.47	10.05	-4.33	31.2178
5682	5485	-0.99	19.90	-3.48	11.14	0.36	-0.52	-0.94	11.14	-4.38	0.93	0.21	-1.14	-7.22	4.39	-1.03	-0.87	-12.49	16.28	31.3008
5683	3351	1.82	-1.80	-0.12	-11.11	0.02	1.60	-0.34	5.10	1.17	0.57	5.48	-2.49	25.31	-0.16	-1.03	1.95	5.04	0.32	31.3464
5684	5970	0.01	6.51	-0.87	-5.55	2.79	-0.52	-0.94	21.52	-0.91	2.02	1.25	-1.14	-3.31	5.01	-1.58	2.47	-2.47	7.10	31.3841
5685	5630	0.01	7.75	-1.39	-5.55	2.45	-1.58	-0.94	20.49	-1.57	2.02	1.58	-1.14	-4.05	6.28	-1.58	2.11	-2.47	8.98	31.3937
5686	209	-0.19	-4.41	0.77	0.01	-0.33	-2.11	-0.34	0.05	-0.17	0.93	3.77	-2.49	23.81	-1.66	-0.47	-4.09	22.57	-4.23	31.4359
5687	5600	0.55	6.78	-2.36	5.58	2.10	1.07	-0.94	16.54	-2.85	4.93	3.24	-1.14	-5.52	6.15	-1.03	2.78	-9.99	5.58	31.4903
5688	5984	0.16	1.58	-0.15	-5.55	1.06	-2.11	-0.94	5.71	-1.50	2.75	1.87	2.65	22.31	3.23	-2.14	-0.18	2.54	0.22	31.5109
5689	5170	0.44	15.17	-1.63	5.58	0.71	0.01	-0.94	11.70	-1.69	1.66	0.29	2.09	-4.18	1.33	-1.58	1.31	-7.48	8.74	31.5177
5690	1770	0.19	4.08	0.35	0.01	-0.68	-1.05	-0.34	0.36	0.29	-1.25	2.52	-2.49	24.33	-2.78	-1.03	-3.31	10.05	2.30	31.5759
5691	5726	0.42	12.82	-0.53	5.58	1.06	1.07	-0.94	13.09	-0.33	2.02	0.78	-1.14	-2.66	2.73	-1.58	1.96	-7.48	4.74	31.6109
5692	4925	0.77	-10.58	1.97	-5.55	-0.33	-0.52	-0.80	-0.29	2.13	3.48	1.18	4.80	26.39	6.00	-0.47	1.75	12.56	-10.86	31.6116
5693	1351	0.22	-8.33	2.66	11.14	0.02	4.25	1.09	-5.94	5.96	0.57	-0.88	0.10	4.40	-1.66	2.86	10.40	17.57	-12.75	31.6614
5694	1397	-0.13	-9.60	1.39	-5.55	-1.02	-0.52	1.09	-5.58	1.43	0.93	0.37	0.10	25.61	-1.09	3.41	-0.51	30.09	-8.75	31.6934
5695	4706	0.18	6.21	-0.88	-11.11	0.02	-3.70	-0.34	7.42	-1.18	-0.53	3.74	2.21	22.68	3.38	-1.03	-2.26	0.03	6.86	31.6965
5696	2416	0.62	-4.97	-0.09	0.01	-0.33	0.01	1.56	-3.03	-0.71	0.93	3.77	-2.49	23.20	-0.74	3.41	-2.36	15.06	-2.12	31.7378
5697	5806	0.42	13.81	-1.11	5.58	1.06	2.13	-0.94	13.09	-1.03	1.66	-0.03	-1.14	-3.44	2.59	-1.58	1.35	-7.48	6.85	31.7848
5698	5466	0.42	15.05	-1.63	5.58	0.71	1.07	-0.94	12.07	-1.69	1.66	0.29	-1.14	-4.18	3.85	-1.58	1.00	-7.48	8.74	31.7944
5699	1318	0.16	-8.55	1.97	-5.55	-1.02	-0.52	1.09	-5.36	2.12	0.20	0.87	0.10	26.39	-2.12	2.86	-0.06	30.09	-10.86	31.8003
5700	1431	0.22	-7.35	2.08	11.14	0.02	5.31	1.09	-5.94	5.26	0.20	-1.69	0.10	3.61	-1.81	2.86	9.79	17.57	-10.64	31.8352
5701	5333	-0.27	5.83	-1.39	-5.55	2.45	-2.64	-0.94	19.91	-1.57	3.11	1.89	2.09	-4.04	4.94	-1.03	2.58	-2.47	8.98	31.8849
5702	208	-0.53	-0.50	0.64	0.01	-0.68	-2.11	-0.34	-1.80	-1.63	-0.16	4.46	-2.49	22.17	-2.05	-1.58	-1.77	20.07	0.19	31.9170
5703	4067	1.29	4.66	-0.53	-11.11	-0.33	-0.52	1.56	2.38	-1.05	-1.98	4.55	-2.49	22.81	-1.79	1.75	0.85	5.04	6.86	31.9421
5704	4924	0.43	-6.67	1.83	-5.55	-0.68	-0.52	-0.80	-2.14	0.67	2.38	1.87	4.80	24.75	5.62	-1.58	4.07	10.05	-6.44	32.0926
5705	5969	-0.29	4.48	-0.87	-5.55	2.79	-0.52	-0.94	21.30	-0.91	3.11	1.57	-1.14	-3.30	6.20	-1.03	2.62	-2.47	7.10	32.1520
5706	5629	-0.29	5.72	-1.39	-5.55	2.45	-1.58	-0.94	20.28	-1.57	3.11	1.89	-1.14	-4.04	7.46	-1.03	2.27	-2.47	8.98	32.1616
5707	1396	-0.47	-5.68	1.25	-5.55	-1.37	-0.52	1.09	-7.43	-0.02	-0.16	1.06	0.10	23.97	-1.47	2.30	1.81	27.58	-4.33	32.1745
5708	5847	1.57	-4.38	1.31	-5.55	2.45	2.13	-0.94	14.52	1.43	4.20	1.81	-1.14	-0.68	6.17	-2.69	6.52	5.04	0.43	32.1994
5709	5890	0.01	5.52	-0.29	-5.55	2.79	-0.52	-0.94	21.52	-0.22	2.38	2.06	-1.14	-2.53	5.16	-1.58	3.07	-2.47	4.98	32.2679
5710	5169	0.14	13.13	-1.63	5.58	0.71	0.01	-0.94	11.48	-1.68	2.75	0.61	2.09	-4.17	2.51	-1.03	1.47	-7.48	8.74	32.2856
5711	5155	-0.25	15.03	-2.28	11.14	0.36	1.07	-0.94	9.65	-3.18	0.93	0.77	2.09	-5.88	1.02	-2.69	4.73	-12.49	13.20	32.2867
5																				

5715	1690	0.19	3.09	0.93	0.01	-0.68	-1.05	-0.34	0.36	0.98	-0.89	3.33	-2.49	25.11	-2.63	-1.03	-2.71	10.05	0.19	32.4507	
5716	4705	-0.11	4.18	-0.88	-11.11	0.02	-3.70	-0.34	7.21	-1.17	0.57	4.05	2.21	22.68	4.56	-0.47	-2.11	0.03	6.86	32.4644	
5717	5805	0.13	11.78	-1.10	5.58	1.06	2.13	-0.94	12.87	-1.02	2.75	0.28	-1.14	-3.43	3.77	-1.03	1.50	-7.48	6.85	32.5527	
5718	5791	-0.27	13.68	-1.76	11.14	0.71	3.19	-0.94	11.04	-2.52	0.93	0.45	-1.14	-5.14	2.27	-2.69	4.77	-12.49	11.32	32.5538	
5719	5465	0.13	13.02	-1.63	5.58	0.71	1.07	-0.94	11.85	-1.68	2.75	0.61	-1.14	-4.18	5.04	-1.03	1.15	-7.48	8.74	32.5623	
5720	5451	-0.27	14.92	-2.28	11.14	0.36	2.13	-0.94	10.02	-3.19	0.93	0.77	-1.14	-5.88	3.54	-2.69	4.42	-12.49	13.20	32.5634	
5721	1317	-0.13	-10.58	1.97	-5.55	-1.02	-0.52	1.09	-5.58	2.13	1.29	1.18	0.10	26.39	-0.94	3.41	0.09	30.09	-10.86	32.5683	
5722	3254	1.40	4.08	0.36	0.01	-0.33	-1.05	-0.34	1.43	0.29	-1.62	2.52	-2.49	24.33	-1.35	-1.03	-3.51	7.55	2.30	32.5697	
5723	5378	0.03	7.22	-1.00	-5.55	2.79	-2.11	-0.94	21.15	-1.08	2.02	1.25	2.09	-3.50	3.69	-1.58	3.02	-2.47	7.58	32.5874	
5724	2336	0.62	-5.96	0.49	0.01	-0.33	0.01	1.56	-3.03	-0.02	1.29	4.58	-2.49	23.97	-0.59	3.41	-1.76	15.06	-4.23	32.6126	
5725	1098	-0.72	6.21	-0.88	-11.11	-0.68	-3.70	1.56	2.14	-1.18	-2.71	3.74	-2.49	22.68	-3.56	2.86	-3.92	17.57	6.86	32.6532	
5726	5739	-0.51	20.44	-3.40	11.14	0.02	1.60	-0.94	8.95	-4.59	0.20	1.03	8.95	-1.14	-7.46	1.95	-2.69	3.39	-12.49	17.21	32.6981
5727	2878	0.25	-2.09	1.55	-5.55	-1.37	0.54	1.09	-5.27	2.59	-0.89	-0.07	0.10	26.91	-2.05	2.86	0.87	17.57	-4.33	32.7083	
5728	3900	1.82	-4.97	-0.09	0.01	0.02	0.01	1.56	-1.96	-0.70	0.57	3.77	-2.49	23.20	0.69	3.41	-2.57	12.56	-2.12	32.7316	
5729	459	-0.53	4.66	-0.55	-11.11	-0.68	-1.58	-0.34	3.00	-1.10	-1.62	4.55	-2.49	22.76	-3.44	-2.14	1.42	15.06	6.86	32.7467	
5730	2239	0.44	-3.65	1.89	-5.55	-1.37	2.66	-0.80	-4.40	2.67	0.20	0.74	0.10	27.00	-1.94	-2.14	6.21	15.06	-4.33	32.8018	
5731	5134	0.44	13.53	-0.66	5.58	1.06	-0.52	-0.94	12.72	-0.50	2.02	0.78	2.09	-2.85	1.41	-1.58	2.51	-7.48	5.22	32.8143	
5732	5674	0.01	7.10	-1.00	-5.55	2.79	-1.05	-0.94	21.52	-1.08	2.02	1.25	-1.14	-3.50	6.21	-1.58	2.70	-2.47	7.58	32.8642	
5733	2503	0.09	3.67	0.04	-11.11	-0.68	0.54	1.56	1.31	-0.36	-1.25	5.36	-2.49	23.58	-3.08	1.75	1.66	7.55	4.74	32.8808	
5734	5214	0.44	14.52	-1.24	5.58	1.06	0.54	-0.94	12.72	-1.19	1.66	-0.03	2.09	-3.63	1.26	-1.58	1.90	-7.48	7.33	32.9881	
5735	5889	-0.29	3.49	-0.29	-5.55	2.79	-0.52	-0.94	21.30	-0.21	3.48	2.38	-1.14	-2.52	6.35	-1.03	3.23	-2.47	4.98	33.0358	
5736	3083	1.46	-3.65	1.91	-5.55	0.36	1.60	-0.94	-5.90	2.77	0.57	0.74	-2.81	27.11	0.84	-2.69	6.48	15.06	-4.33	33.0412	
5737	1316	-0.47	-6.67	1.83	-5.55	-1.37	-0.52	1.09	-7.43	0.67	0.20	1.87	0.10	24.75	-1.32	2.30	2.41	27.58	-6.44	33.0493	
5738	5430	0.42	13.42	-0.66	5.58	1.06	0.54	-0.94	13.09	-0.50	2.02	0.78	-1.14	-2.85	3.93	-1.58	2.19	-7.48	5.22	33.0911	
5739	1599	0.25	-3.65	1.91	-5.55	0.02	2.66	-0.94	-6.97	2.76	0.93	0.74	-2.81	27.10	-0.59	-2.69	6.68	17.57	-4.33	33.1027	
5740	6068	0.69	-2.90	-0.88	-5.55	1.40	-1.05	-0.94	6.17	-0.63	3.84	1.18	2.65	23.30	4.32	-1.03	-0.40	5.04	-2.09	33.1302	
5741	1689	-0.10	1.06	0.93	0.01	-0.68	-1.05	-0.34	0.14	0.99	0.20	3.65	-2.49	25.11	-1.44	-0.47	-2.56	10.05	0.19	33.2186	
5742	5510	0.42	14.40	-1.24	5.58	1.06	1.60	-0.94	13.09	-1.19	1.66	-0.03	-1.14	-3.63	3.78	-1.58	1.58	-7.48	7.33	33.2649	
5743	4527	1.07	-0.53	0.51	16.71	1.06	3.19	-0.34	1.70	2.51	1.29	1.23	2.21	0.52	4.22	-1.03	6.56	-4.98	-2.60	33.2980	
5744	5756	0.20	1.44	-0.31	5.58	2.45	0.54	-0.94	14.30	-2.51	3.48	1.49	-1.14	-5.11	6.20	-2.14	3.31	2.54	3.95	33.3249	
5745	3253	1.10	2.05	0.36	0.01	-0.33	-1.05	-0.34	1.21	0.30	-0.53	2.84	-2.49	24.34	-0.16	-0.47	-3.36	7.55	2.30	33.3376	
5746	5377	-0.27	5.18	-1.00	-5.55	2.79	-2.11	-0.94	20.93	-1.07	3.11	1.57	2.09	-3.49	4.87	-1.03	3.17	-2.47	7.58	33.3553	
5747	5255	1.59	-3.67	1.17	-5.55	2.45	0.54	-0.94	14.15	1.26	4.20	1.81	2.09	-0.87	4.84	-2.69	7.07	5.04	0.91	33.4028	
5748	1097	-1.02	4.18	-0.88	-11.11	-0.68	-3.70	1.56	1.92	-1.18	-1.62	4.05	-2.49	22.68	-2.37	3.41	-3.77	17.57	6.86	33.4211	
5749	2587	0.62	-0.81	-0.69	-11.11	-0.33	0.54	1.56	1.78	0.51	-0.16	4.67	-2.49	24.57	-1.99	2.86	1.43	10.05	2.44	33.4424	
5750	3174	1.40	3.09	0.93	0.01	-0.33	-1.05	-0.34	1.43	0.99	-1.25	3.33	1.43	-2.49	25.11	-1.20	-1.03	-2.91	7.55	0.19	33.4446
5751	5298	0.03	6.23	-0.42	-5.55	2.79	-2.11	-0.94	21.15	-0.39	2.38	2.06	2.09	-2.71	3.84	-1.58	3.62	-2.47	5.46	33.4713	
5752	2877	-0.04	-4.12	1.55	-5.55	-1.37	0.54	1.09	-5.49	2.59	0.20	0.25	0.10	26.92	-0.87	3.41	1.02	17.57	-4.33	33.4762	
5753	292	0.00	-4.97	-0.10	0.01	-0.33	-1.05	-0.34	-1.33	-0.76	0.93	3.77	-2.49	23.15	-0.96	-0.47	-2.00	22.57	-2.12	33.5362	
5754	5751	0.26	8.86	-2.30	11.14	0.71	3.72	-0.94	10.49	-1.45	2.38	0.90	-1.14	-3.93	3.58	-1.58	4.56	-9.99	8.30	33.5774	
5755	5133	0.14	11.50	-0.66	5.58	1.06	-0.52	-0.94	12.50	-0.49	3.11	1.09	2.09	-2.84	2.59	-1.03	2.66	-7.48	5.22	33.5822	
5756	2798	0.25	-3.08	2.13	-5.55	-1.37	0.54	1.09	-5.27	3.28	-0.53	0.74	0.10	27.69	-1.90	2.86	1.48	17.57	-6.44	33.5831	
5757	5119	-0.25	13.40	-1.31	11.14	0.71	0.54	-0.94	10.67	-2.00	1.29	1.26	2.09	-4.54	1.09	-2.69	5.93	-12.49	9.68	33.5833	
5758	3820	1.82	-5.96	0.49	0.01	0.02	0.01	1.56	-1.96	-0.01	0.93	4.58	-2.49	23.98	0.84	3.41	-1.96	12.56	-4.23	33.6065	
5759	4626	0.18	5.22	-0.31	-11.11	0.02	-2.64	-0.34	7.42	-0.49	-0.16	4.55	2.21	23.45	3.53	-1.03	-1.66	0.03	4.74	33.6290	
5760	5673	-0.29	5.07	-1.00	-5.55	2.79	-1.05	-0.94	21.30	-1.07	3.11	1.57	-1.14	-3.49	7.39	-1.03	2.85	-2.47	7.58	33.6321	
5761	2159	0.44	-4.63	2.46	-5.55	-1.37	2.66	-0.80	-4.40	3.36	0.57	1.55	0.10	27.77	-1.79	-2.14	6.82	15.06	-6.44	33.6766	
5762	5551	1.57	-3.79	1.17	-5.55	2.45	1.60	-0.94	14.52	1.26	4.20	1.81	-1.14	-0.87	7.37	-2.69	6.75	5.04	0.91	33.6795	
5763	4362	1.46	-2.09	1.55	-5.55	-1.02	0.54	1.09	-4.20	2.59	-1.25	-0.07	0.10	26.92	-0.62	2.86	0.67	15.06	-4.33	33.7021	
5764	5008	0.96	-11.14	1.10	-5.55	-0.33	0.54	-0.80	-1.68	1.54	3.48	1.18	4.80	25.73	6.70	-0.47	3.85	12.56	-8.75	33.7119	
5765	5594	0.01	6.12	-0.42	-5.55	2.79	-1.05	-0.94	21.52	-0.39	2.38	2.06	-1.14	-2.72	6.36	-1.58	3.31	-2.47	5.46	33.7480	
5766	5213	0.14	12.48	-1.24	5.58	1.06	0.54	-0.94	12.50	-1.19	2.75	0.28	2.09	-3.62	2.44	-1.03	2.05	-7.48	7.33	33.7560	
5767	5199	-0.25	14.38	-1.89	11.14	0.71	1.60	-0.94	10.67	-2.69	0.93	0.45	2.09	-5.32	0.94	-2.69	5.32	-12.49	11.80	33.7571	
5768	3723	1.65	-3.65	1.89	-5.55	-1.02	2.66	-0.80	-3.33	2.68	-0.16	0.74	0.10	27.00	-0.51	-2.14	6.01	12.56	-4.33	33.7956	
5769	4538	1.01	-1.39	0.20	0.01	0.36	-2.11	-0.34	3.30	-0.84	0.93	2.65	2.21	23.06	3.69	-1.03	-3.30	7.55	-2.12	33.8588	
5770	5429	0.13	11.38	-0.66	5.58	1.06	0.54	-0.94	12.87	-0.49	3.11	1.09	-1.14	-2.84	5.11	-1.03	2.34	-7.48	5.22	33.8590	
5771	5415	-0.27	13.28	-1.31	11.14	0.71	1.60	-0.94	11.04	-2.00	1.29	1.26	-1.14	-4.54	3.61	-2.69	5.61	-12.49	9.69	33.8601	
5772	3987	1.29	3.67	0.04	-11.11	-0.33	0.54	1.56	2.38	-0.36	-1.62	5.36	-2.49	23.59	-1.65	1.75	1.45	5.04	4.74	33.8746	
5773	5147	-0.49	21.14	-3.53	11.14	0.02	0.01	-0.94	8.58	-4.76	0.20	1.03	2.09	-7.65	0.62	-2.69	3.94	-12.49	17.69	33.9015	
5774	3003	1.46	-4.63	2.49	-5.55	0.36	1.60	-0.94	-5.90	3.46	0.93	1.55	-2.81	27.89	0.99	-2.69	7.08	15.06	-6.44	33.9160	
5775	1519	0.25	-4.63	2.48	-5.55	0.02	2.66	-0.94	-6.97	3.46	1.29	1.55	-2.81	27.88	-0.44	-2.69	7.29	17.57	-6.44	33.9776	
5776	5703	-0.51	18.80	-2.43	11.14	0.36	1.07	-0.94	9.97	-3.41	0.57	1.51	-1.14	-6.13	2.02	-2.69	4.58	-12.49	13.69		

5780	5783	-0.51	19.79	-3.00	11.14	0.36	2.13	-0.94	9.97	4.10	0.20	0.70	-1.14	-6.91	1.87	-2.69	3.97	-12.49	15.80	34.1686
5781	5443	-0.51	21.03	-3.53	11.14	0.02	1.07	-0.94	8.95	-4.76	0.20	1.03	-1.14	-7.65	3.14	-2.69	3.62	-12.49	17.69	34.1782
5782	3173	1.10	1.06	0.93	0.01	-0.33	-1.05	-0.34	1.21	0.99	-0.16	3.65	-2.49	25.12	-0.01	-0.47	-2.76	7.55	0.19	34.2125
5783	5297	-0.27	4.19	-0.42	-5.55	2.79	-2.11	-0.94	20.93	-0.38	3.48	2.38	2.09	-2.71	5.02	-1.03	3.78	-2.47	5.46	34.2392
5784	919	0.16	-0.53	0.51	16.71	0.36	3.19	1.56	-3.58	2.51	-0.89	1.23	-2.49	0.52	-2.72	2.86	4.90	12.56	-2.60	34.2547
5785	2797	-0.04	-5.11	2.13	-5.55	-1.37	0.54	1.09	-5.49	3.29	0.57	1.06	0.10	27.70	-0.72	3.41	1.63	17.57	-6.44	34.3510
5786	4625	-0.11	3.19	-0.31	-11.11	0.02	-2.64	-0.34	7.21	-0.48	0.93	4.86	2.21	23.46	4.71	-0.47	-1.51	0.03	4.74	34.3969
5787	212	0.00	-5.96	0.48	0.01	-0.33	-1.05	-0.34	-1.33	-0.06	1.29	4.58	-2.49	23.93	-0.81	-0.47	-1.39	22.57	-4.23	34.4111
5788	4071	1.82	-0.81	-0.69	-11.11	0.02	0.54	1.56	2.84	0.52	-0.53	4.67	-2.49	24.57	-0.56	2.86	1.23	7.55	2.44	34.4362
5789	4361	1.16	-4.12	1.55	-5.55	-1.02	0.54	1.09	-4.42	2.60	-0.16	0.25	0.10	26.93	0.56	3.41	0.82	15.06	-4.33	34.4700
5790	754	-0.37	-2.09	1.54	-5.55	-1.37	-0.52	-0.80	-3.58	2.54	-0.89	-0.07	0.10	26.87	-2.27	-1.03	1.24	25.08	-4.33	34.5067
5791	5593	-0.29	4.08	-0.42	-5.55	2.79	-1.05	-0.94	21.30	-0.38	3.48	2.38	-1.14	-2.71	7.54	-1.03	3.46	-2.47	5.46	34.5159
5792	5164	0.22	2.14	-0.44	5.58	2.45	-1.05	-0.94	13.94	-2.68	3.48	1.49	2.09	-5.30	4.87	-2.14	3.86	2.54	4.43	34.5282
5793	4282	1.46	-3.08	2.13	-5.55	-1.02	0.54	1.09	-4.20	3.29	-0.89	0.74	0.10	27.70	-0.47	2.86	1.27	15.06	-6.44	34.5769
5794	1018	-0.72	5.22	-0.31	-11.11	-0.68	-2.64	1.56	2.14	-0.49	-2.34	4.55	-2.49	23.45	-3.41	2.86	-3.32	17.57	4.74	34.5857
5795	4928	0.96	-12.13	1.67	-5.55	-0.33	0.54	-0.80	-1.68	2.24	3.84	1.99	4.80	26.51	6.85	-0.47	4.45	12.56	-10.86	34.5867
5796	4491	1.07	-2.16	1.47	16.71	1.40	2.66	-0.34	2.72	3.69	1.66	1.71	2.21	1.86	4.30	-1.03	7.76	-4.98	-6.12	34.5947
5797	5720	0.20	-0.20	0.66	5.58	2.79	0.01	-0.94	15.33	-1.32	3.84	1.97	-1.14	-3.77	6.27	-2.14	4.50	2.54	0.43	34.6215
5798	4537	0.71	-3.43	0.20	0.01	0.36	-2.11	-0.34	3.09	-0.83	2.02	2.96	2.21	23.07	4.87	-0.47	-3.15	7.55	-2.12	34.6267
5799	1400	0.06	-11.14	1.10	-5.55	-1.02	0.54	1.09	-6.96	1.54	1.29	1.18	0.10	25.73	-0.24	3.41	2.19	30.09	-8.75	34.6686
5800	3643	1.65	-4.63	2.46	-5.55	-1.02	2.66	-0.80	-3.33	3.37	0.20	1.55	0.10	27.78	-0.36	-2.14	6.62	12.56	-6.44	34.6704
5801	5758	0.95	9.27	-1.66	16.71	1.75	1.60	-0.94	12.53	-2.48	3.11	0.42	-1.14	-5.11	2.91	-1.58	-0.75	-4.98	4.06	34.6786
5802	379	-0.53	3.67	0.03	-11.11	-0.68	-0.52	-0.34	3.00	-0.41	-1.25	5.36	-2.49	23.54	-3.29	-2.14	2.02	15.06	4.74	34.6792
5803	4458	1.01	-2.38	0.78	0.01	0.36	-2.11	-0.34	3.30	-0.14	1.29	3.46	2.21	23.84	3.84	-1.03	-2.70	7.55	-4.23	34.7336
5804	4571	1.07	-1.18	0.90	16.71	1.40	3.72	-0.34	2.72	3.00	1.29	0.90	2.21	1.07	4.15	-1.03	7.15	-4.98	-4.01	34.7685
5805	5159	0.28	9.57	-2.44	11.14	0.71	2.13	-0.94	10.12	-1.62	2.38	0.90	2.09	-4.12	2.25	-1.58	5.11	-9.99	8.78	34.7808
5806	5800	0.20	0.79	0.08	5.58	2.79	1.07	-0.94	15.33	-2.01	3.48	1.16	-1.14	-4.56	6.12	-2.14	3.89	2.54	2.54	34.7953
5807	5460	0.20	2.03	-0.44	5.58	2.45	0.01	-0.94	14.30	-2.68	3.48	1.49	-1.14	-5.30	7.39	-2.14	3.54	2.54	4.43	34.8050
5808	114	-0.56	-2.09	1.56	-5.55	0.02	-0.52	-0.94	-6.14	2.63	-0.16	-0.07	-2.81	26.97	-0.92	-1.58	1.71	27.58	-4.33	34.8076
5809	930	0.11	-1.39	0.20	0.01	-0.33	-2.11	1.56	-1.98	-0.84	-1.25	2.65	-2.49	23.06	-3.25	2.86	-4.96	25.08	-2.12	34.8155
5810	5715	0.26	7.22	-1.34	11.14	1.06	3.19	-0.94	11.51	-0.27	2.75	1.38	-1.14	-2.59	3.66	-1.58	5.75	-9.99	4.79	34.8740
5811	5927	0.20	5.61	-0.91	-5.55	2.45	1.07	-0.94	19.11	-1.29	2.38	2.39	-1.14	-3.74	4.95	-2.69	7.11	-2.47	8.50	35.0294
5812	5795	0.26	8.21	-1.91	11.14	1.06	4.25	-0.94	11.51	-0.96	2.38	0.57	-1.14	-3.38	3.51	-1.58	5.14	-9.99	6.90	35.0479
5813	5455	0.26	9.45	-2.44	11.14	0.71	3.19	-0.94	10.49	-1.62	2.38	0.90	-1.14	-4.12	4.77	-1.58	4.79	-9.99	8.78	35.0575
5814	4536	0.37	0.49	0.07	0.01	0.02	-2.11	-0.34	1.23	-2.28	0.93	3.65	2.21	21.43	4.49	-1.58	-0.83	5.04	2.30	35.1078
5815	5743	0.03	14.97	-3.55	11.14	0.36	2.66	-0.94	9.42	-3.03	1.66	1.15	-1.14	-5.70	3.18	-1.58	3.76	-9.99	12.79	35.1922
5816	5111	-0.49	19.51	-2.56	11.14	0.36	-0.52	-0.94	9.60	-3.57	0.57	1.51	2.09	-6.31	0.69	-2.69	5.13	-12.49	14.17	35.1981
5817	463	0.00	-0.81	-0.70	-11.11	-0.33	-0.52	-0.34	3.47	0.46	-0.16	4.67	-2.49	24.52	-2.21	-1.03	1.80	17.57	2.44	35.2408
5818	753	-0.66	-4.12	1.54	-5.55	-1.37	-0.52	-0.80	-3.79	2.55	0.20	0.25	0.10	26.87	-1.09	-0.47	1.39	25.08	-4.33	35.2746
5819	2243	0.97	-9.11	1.73	-5.55	-1.02	3.72	-0.80	-3.94	4.23	1.66	0.87	0.10	28.76	-0.70	-1.03	6.59	17.57	-8.75	35.2959
5820	4281	1.16	-5.11	2.13	-5.55	-1.02	0.54	1.09	-4.42	3.29	0.20	1.06	0.10	27.70	0.71	3.41	1.43	15.06	-6.44	35.3448
5821	1017	-1.02	3.19	-0.31	-11.11	-0.68	-2.64	1.56	1.92	-0.48	-1.25	4.86	-2.49	23.46	-2.23	3.41	-3.17	17.57	4.74	35.3536
5822	5191	-0.49	20.49	-3.14	11.14	0.36	0.54	-0.94	9.60	-4.27	0.20	0.70	2.09	-7.10	0.55	-2.69	4.52	-12.49	16.28	35.3720
5823	2507	0.62	-1.80	-0.12	-11.11	-0.33	1.60	1.56	1.78	1.20	0.20	5.48	-2.49	25.34	-1.84	2.86	2.03	10.05	0.32	35.3749
5824	674	-0.37	-3.08	2.11	-5.55	-1.37	-0.52	-0.80	-3.58	3.23	-0.53	0.74	0.10	27.64	-2.12	-1.03	1.84	25.08	-6.44	35.3815
5825	5763	0.61	12.91	-1.15	5.58	0.71	3.72	-0.94	10.68	-1.40	2.02	1.10	-1.14	-3.87	2.52	-2.69	5.99	-7.48	8.26	35.4301
5826	5757	0.66	7.23	-1.65	16.71	1.75	1.60	-0.94	12.32	-2.48	4.20	0.73	-1.14	-5.10	4.09	-1.03	-0.60	-4.98	4.06	35.4465
5827	5407	-0.51	19.39	-2.56	11.14	0.36	0.54	-0.94	9.97	-3.58	0.57	1.51	-1.14	-6.32	3.22	-2.69	4.81	-12.49	14.17	35.4749
5828	4457	0.71	-4.41	0.78	0.01	0.36	-2.11	-0.34	3.09	-0.14	2.38	3.77	2.21	23.85	5.02	-0.47	-2.55	7.55	-4.23	35.5015
5829	3087	1.99	-9.11	1.75	-5.55	0.71	2.66	-0.94	-5.43	4.33	2.02	0.87	-2.81	28.87	2.08	-1.58	6.86	17.57	-8.75	35.5353
5830	1320	0.06	-12.13	1.67	-5.55	-1.02	0.54	1.09	-6.96	2.24	1.66	1.99	0.10	26.51	-0.09	3.41	2.79	30.09	-10.86	35.5434
5831	883	0.16	-2.16	1.47	16.71	0.71	2.66	1.56	-2.56	3.69	-0.53	1.71	-2.49	1.85	-2.64	2.86	6.10	12.56	-6.12	35.5514
5832	113	-0.85	-4.12	1.56	-5.55	0.02	-0.52	-0.94	-6.36	2.64	0.93	0.25	-2.81	26.98	0.26	-1.03	1.86	27.58	-4.33	35.5755
5833	929	-0.19	-3.43	0.20	0.01	-0.33	-2.11	1.56	-2.20	-0.83	-0.16	2.96	-2.49	23.07	-2.06	3.41	-4.81	25.08	-2.12	35.5834
5834	1603	0.78	-9.11	1.75	-5.55	0.36	3.72	-0.94	-6.50	4.33	2.38	0.87	-2.81	28.86	0.65	-1.58	7.06	20.07	-8.75	35.5968
5835	5487	-0.51	20.38	-3.14	11.14	0.36	1.60	-0.94	9.97	-4.27	0.20	0.70	-1.14	-7.10	3.07	-2.69	4.20	-12.49	16.28	35.6487
5836	34	-0.56	-3.08	2.14	-5.55	0.02	-0.52	-0.94	-6.14	3.33	0.20	0.74	-2.81	27.75	-0.77	-1.58	2.31	27.58	-6.44	35.6825
5837	850	0.11	-2.38	0.78	0.01	-0.33	-2.11	1.56	-1.98	-0.14	-0.89	3.46	-2.49	23.84	-3.10	2.86	-4.36	25.08	-4.23	35.6903
5838	963	0.16	-1.18	0.90	16.71	0.71	3.72	1.56	-2.56	3.00	-0.89	0.90	-2.49	1.07	-2.79	2.86	5.49	12.56	-4.01	35.7252
5839	5128	0.22	0.51	0.53	5.58	2.79	-1.58	-0.94	14.96	-1.49	3.84	1.97	2.09	-3.96	4.95	-2.14	5.05	2.54	0.91	35.8249
5840	5166	0.97	9.97	-1.79	16.71	1.75	0.01	-0.94	12.17	-2.65	3.11	0.42	2.09	-5.29	1.58	-1.58	-0.20	-4.98	4.54	35.8819
5841	5722	0.95	7.63	-0.69	16.71	2.10	1.07	-0.94	13.56	-1.30	3.48	0.90	-1.14	-3.77	2.98	-1.58	0.44	-4.98	0.54	35.9752
5842	4456																			

5845	5123	0.28	7.93	-1.47	11.14	1.06	1.60	-0.94	11.14	0.43	2.75	-0.94	1.38	2.09	-2.78	2.33	-1.58	6.30	-9.99	5.26	36.0774
5846	5424	0.20	0.39	0.53	5.58	2.79	-0.52	-0.94	15.33	-1.49	3.84	-0.94	1.97	-1.14	-3.96	7.47	-2.14	4.74	2.54	0.91	36.1016
5847	5802	0.95	8.62	-1.26	16.71	2.10	2.13	-0.94	13.56	-1.99	3.11	-0.94	0.09	-1.14	-4.55	2.83	-1.58	-0.16	-4.98	2.66	36.1491
5848	673	-0.66	-5.11	2.12	-5.55	-1.37	-0.52	-0.80	-3.79	3.24	0.57	-0.80	1.06	0.10	27.65	-0.94	-0.47	2.00	25.08	-6.44	36.1494
5849	5462	0.95	9.86	-1.79	16.71	1.75	1.07	-0.94	12.53	-2.65	3.11	-0.94	0.42	-1.14	-5.29	4.10	-1.58	-0.52	-4.98	4.54	36.1587
5850	2163	0.97	-10.10	2.31	-5.55	-1.02	3.72	-0.80	-3.94	4.93	2.02	-0.80	1.68	0.10	29.53	-0.55	-1.03	7.20	17.57	-10.86	36.1707
5851	5335	0.22	6.31	-1.05	-5.55	2.45	-0.52	-0.94	18.74	-1.46	2.38	-0.94	2.39	2.09	-3.93	3.62	-2.69	7.66	-2.47	8.98	36.2328
5852	5203	0.28	8.92	-2.05	11.14	1.06	2.66	-0.94	11.14	-1.13	2.38	-0.94	0.57	2.09	-3.56	2.18	-1.58	5.69	-9.99	7.38	36.2512
5853	5504	0.20	1.38	-0.05	5.58	2.79	0.54	-0.94	15.33	-2.18	3.48	-0.94	1.16	-1.14	-4.74	7.32	-2.14	4.13	2.54	3.03	36.2755
5854	3727	2.18	-9.11	1.73	-5.55	-0.68	3.72	-0.80	-2.87	4.24	1.29	-0.80	0.87	0.10	28.76	0.73	-1.03	6.39	15.06	-8.75	36.2897
5855	5419	0.26	7.82	-1.47	11.14	1.06	2.66	-0.94	11.51	-0.44	2.75	-0.94	1.38	-1.14	-2.78	4.85	-1.58	5.99	-9.99	5.27	36.3541
5856	3991	1.82	-1.80	-0.11	-11.11	0.02	1.60	1.56	2.84	1.21	-0.16	1.56	5.48	-2.49	25.35	-0.41	2.86	1.83	7.55	0.32	36.3687
5857	5151	0.04	15.68	-3.69	11.14	0.36	1.07	-0.94	9.05	-3.20	1.66	-0.94	1.15	2.09	-5.89	1.85	-1.58	4.31	-9.99	13.27	36.3956
5858	3007	1.99	-10.10	2.33	-5.55	0.71	2.66	-0.94	-5.43	5.03	2.38	-0.94	1.68	-2.81	29.65	2.23	-1.58	7.46	17.57	-10.86	36.4101
5859	33	-0.85	-5.11	2.14	-5.55	0.02	-0.52	-0.94	-6.36	3.33	1.29	-0.94	1.06	-2.81	27.76	0.41	-1.03	2.46	27.58	-6.44	36.4504
5860	849	-0.19	-4.41	0.78	0.01	-0.33	-2.11	1.56	-2.20	-0.14	0.20	1.56	3.77	-2.49	23.85	-1.91	3.41	-4.21	25.08	-4.23	36.4582
5861	1523	0.78	-10.10	2.33	-5.55	0.36	3.72	-0.94	-6.50	5.02	2.75	-0.94	1.68	-2.81	29.64	0.80	-1.58	7.67	20.07	-10.86	36.4717
5862	5707	0.03	13.33	-2.58	11.14	0.71	2.13	-0.94	10.44	-1.84	2.02	-0.94	1.64	-1.14	-4.37	3.26	-1.58	4.96	-9.99	9.27	36.4888
5863	5971	0.20	4.96	-0.52	-5.55	2.79	1.60	-0.94	20.13	-0.79	2.38	-0.94	2.06	-1.14	-3.19	4.88	-2.69	7.69	-2.47	7.10	36.4999
5864	5631	0.20	6.20	-1.05	-5.55	2.45	0.54	-0.94	19.11	-1.46	2.38	-0.94	2.39	-1.14	-3.93	6.14	-2.69	7.34	-2.47	8.98	36.5095
5865	5499	0.26	8.81	-2.05	11.14	1.06	3.72	-0.94	11.51	-1.13	2.38	-0.94	0.57	-1.14	-3.56	4.70	-1.58	5.38	-9.99	7.38	36.5280
5866	2410	0.19	4.08	0.36	0.01	-0.68	-1.05	1.56	-1.89	0.32	-1.98	1.56	2.52	-2.49	24.37	-3.03	2.86	-3.43	12.56	2.30	36.5982
5867	5171	0.63	13.61	-1.28	5.58	0.71	2.13	-0.94	10.31	-1.57	2.02	-0.94	1.10	2.09	-4.06	1.20	-2.69	6.54	-7.48	8.74	36.6335
5868	5165	0.67	7.94	-1.79	16.71	1.75	0.01	-0.94	11.95	-2.64	4.20	-0.94	0.73	2.09	-5.28	2.76	-1.03	-0.05	-4.98	4.54	36.6499
5869	5787	0.03	14.32	-3.16	11.14	0.71	3.19	-0.94	10.44	-2.54	1.66	-0.94	0.83	-1.14	-5.15	3.11	-1.58	4.35	-9.99	11.38	36.6627
5870	5447	0.03	15.56	-3.69	11.14	0.36	2.13	-0.94	9.42	-3.20	1.66	-0.94	1.15	-1.14	-5.89	4.38	-1.58	4.00	-9.99	13.27	36.6723
5871	1771	0.39	2.52	0.70	0.01	-0.68	1.07	-0.34	-1.03	0.41	-0.89	-0.34	3.33	-2.49	24.45	-2.91	-2.14	1.91	10.05	2.30	36.6917
5872	5727	0.61	11.27	-0.18	5.58	1.06	3.19	-0.94	11.70	-0.21	2.38	-0.94	1.59	-1.14	-2.53	2.60	-2.69	7.18	-7.48	4.74	36.7268
5873	5721	0.66	5.60	-0.69	16.71	2.10	1.07	-0.94	13.34	-1.29	4.57	-0.94	1.22	-1.14	-3.76	4.17	-1.03	0.60	-4.98	0.54	36.7431
5874	4707	0.37	4.66	-0.54	-11.11	0.02	-1.58	-0.34	6.04	-1.06	-0.16	-0.34	4.55	2.21	22.80	3.25	-2.14	2.96	0.03	6.86	36.8123
5875	5807	0.61	12.26	-0.76	5.58	1.06	4.25	-0.94	11.70	-0.91	2.02	-0.94	0.78	-1.14	-3.32	2.45	-2.69	6.57	-7.48	6.85	36.9006
5876	5467	0.61	13.50	-1.29	5.58	0.71	3.19	-0.94	10.68	-1.57	2.02	-0.94	1.10	-1.14	-4.06	3.72	-2.69	6.22	-7.48	8.74	36.9102
5877	5801	0.66	6.58	-1.26	16.71	2.10	2.13	-0.94	13.34	-1.98	4.20	-0.94	0.41	-1.14	-4.54	4.02	-1.03	-0.01	-4.98	2.66	36.9170
5878	5461	0.66	7.83	-1.79	16.71	1.75	1.07	-0.94	12.32	-2.64	4.20	-0.94	0.73	-1.14	-5.29	5.28	-1.03	-0.36	-4.98	4.54	36.9266
5879	848	-0.53	-0.50	0.65	0.01	-0.68	-2.11	1.56	-4.05	-1.59	-0.89	1.56	4.46	-2.49	22.21	-2.30	2.30	-1.89	22.57	0.19	36.9393
5880	3647	2.18	-10.10	2.31	-5.55	-0.68	3.72	-0.80	-2.87	4.93	1.66	-0.80	1.68	0.10	29.54	0.88	-1.03	6.99	15.06	-10.86	37.1645
5881	383	0.00	-1.80	-0.13	-11.11	-0.33	0.54	-0.34	3.47	1.16	0.20	-0.34	5.48	-2.49	25.30	-2.06	-1.03	2.40	17.57	0.32	37.1733
5882	5130	0.97	8.33	-0.82	16.71	2.10	-0.52	-0.94	13.19	-1.46	3.48	-0.94	0.90	2.09	-3.95	1.65	-1.58	0.99	-4.98	1.02	37.1786
5883	5851	2.22	-0.13	-0.33	5.58	1.75	4.25	-0.94	11.15	1.57	5.29	-0.94	1.86	-1.14	-0.55	4.92	-1.58	5.31	-2.47	0.54	37.2962
5884	5210	0.97	9.32	-1.40	16.71	2.10	0.54	-0.94	13.19	-2.16	3.11	-0.94	0.09	2.09	-4.74	1.51	-1.58	0.39	-4.98	3.13	37.3524
5885	2409	-0.10	2.05	0.36	0.01	-0.68	-1.05	1.56	-2.11	0.33	-0.89	1.56	2.84	-2.49	24.38	-1.84	3.41	-3.28	12.56	2.30	37.3661
5886	5891	0.20	3.97	0.06	-5.55	2.79	1.60	-0.94	20.13	-0.10	2.75	-0.94	2.87	-1.14	-2.40	5.03	-2.69	8.30	-2.47	4.98	37.3837
5887	5426	0.95	8.22	-0.82	16.71	2.10	0.54	-0.94	13.56	-1.46	3.48	-0.94	0.90	-1.14	-3.96	4.18	-1.58	0.68	-4.98	1.02	37.4553
5888	2330	0.19	3.09	0.94	0.01	-0.68	-1.05	1.56	-1.89	1.02	-1.62	1.56	3.33	-2.49	25.15	-2.88	2.86	-2.83	12.56	0.19	37.4730
5889	1691	0.39	1.54	1.28	0.01	-0.68	1.07	-0.34	-1.03	1.10	-0.53	-0.34	4.14	-2.49	25.23	-2.76	-2.14	2.52	10.05	0.19	37.5666
5890	3894	1.40	4.08	0.36	0.01	-0.33	-1.05	1.56	-0.82	0.33	-2.34	1.56	2.52	-2.49	24.37	-1.60	2.86	-3.63	10.05	2.30	37.5921
5891	4540	0.91	-4.97	-0.09	0.01	0.36	-1.05	-0.34	1.70	-0.72	2.38	-0.34	3.77	2.21	23.19	5.73	-0.47	-0.45	7.55	-2.12	37.6018
5892	5506	0.95	9.21	-1.40	16.71	2.10	1.60	-0.94	13.56	-2.16	3.11	-0.94	0.09	-1.14	-4.74	4.03	-1.58	0.07	-4.98	3.14	37.6292
5893	3255	1.59	2.52	0.70	0.01	-0.33	2.52	-0.34	0.04	0.41	-1.25	-0.34	3.33	-2.49	24.46	-1.48	-2.14	1.71	7.55	2.30	37.6856
5894	5115	0.04	14.04	-2.72	11.14	0.71	0.54	-0.94	10.07	-2.01	2.02	-0.94	1.64	2.09	-4.55	1.93	-1.58	5.51	-9.99	9.75	37.6922
5895	5379	0.22	5.66	-0.65	-5.55	2.79	0.01	-0.94	19.76	-0.96	2.38	-0.94	2.06	2.09	-3.37	3.55	-2.69	8.24	-2.47	7.58	37.7033
5896	1099	-0.53	4.66	-0.54	-11.11	-0.68	-1.58	1.56	0.75	-1.06	-2.34	1.56	4.55	-2.49	22.80	-3.69	1.75	1.30	17.57	6.86	37.7690
5897	2879	0.44	-3.65	1.89	-5.55	-1.37	2.66	1.09	-6.66	2.70	-0.53	1.09	0.74	0.10	27.04	-2.19	1.75	6.10	17.57	-4.33	37.8241
5898	5195	0.04	15.03	-3.29	11.14	0.71	1.60	-0.94	10.07	-2.70	1.66	-0.94	0.83	2.09	-5.34	1.78	-1.58	4.90	-9.99	11.86	37.8660
5899	5135	0.63	11.97	-0.32	5.58	1.06	1.60	-0.94	11.34	-0.38	2.38	-0.94	1.59	2.09	-2.72	1.27	-2.69	7.73	-7.48	5.22	37.9301
5900	5129	0.67	6.30	-0.82	16.71	2.10	-0.52	-0.94	12.97	-1.46	4.57	-0.94	1.22	2.09	-3.95	2.84	-1.03	1.15	-4.98	1.02	37.9465
5901	5411	0.03	13.93	-2.72	11.14	0.71	1.60	-0.94	10.44	-2.01	2.02	-0.94	1.64	-1.14	-4.55	4.45	-1.58	5.19	-9.99	9.75	37.9690
5902	5675	0.20	5.55	-0.66	-5.55	2.79	1.07	-0.94	20.13	-0.96	2.38	-0.94	2.06	-1.14	-3.37	6.07	-2.69	7.92	-2.47	7.58	37.9800
5903	6062	0.26	6.15	-0.43	-5.55	1.06	-2.11	-0.94	7.31	0.41	0.93	-0.94	-0.07	2.65	24.47	2.04	-1.58	-1.47	2.54	2.33	37.9906
5904	5215	0.63	12.96	-0.89	5.58	1.06	2.66														

5910	3893	1.10	2.05	0.37	0.01	-0.33	-1.05	1.56	-1.04	0.34	-1.25	2.84	-2.49	24.38	-0.41	3.41	-3.48	10.05	2.30	38.3600
5911	5511	0.61	12.85	-0.89	5.58	1.06	3.72	-0.94	11.70	-1.08	2.02	0.78	-1.14	-3.51	3.64	-2.69	6.81	-7.48	7.33	38.3807
5912	286	-0.43	4.08	0.35	0.01	-0.68	-2.11	-0.34	-0.20	0.28	-1.98	2.52	-2.49	24.32	-3.24	-1.03	-3.06	20.07	2.30	38.3966
5913	5505	0.66	7.18	-1.40	16.71	2.10	1.60	-0.94	13.34	-2.15	4.20	0.41	-1.14	-4.73	5.21	-1.03	0.22	-4.98	3.14	38.3971
5914	5760	0.85	5.68	-1.95	16.71	1.75	2.66	-0.94	10.93	-2.37	4.57	1.54	-1.14	-4.98	4.94	-1.03	2.10	-4.98	4.06	38.4216
5915	3814	1.40	3.09	0.94	0.01	-0.33	-1.05	1.56	-0.82	1.02	-1.98	3.33	-2.49	25.15	-1.45	2.86	-3.03	10.05	0.19	38.4669
5916	4460	0.91	-5.96	0.49	0.01	0.36	-1.05	-0.34	1.70	-0.03	2.75	4.58	2.21	23.97	5.88	-0.47	0.15	7.55	-4.23	38.4767
5917	5259	2.24	0.57	-0.47	5.58	1.75	2.66	-0.94	10.78	1.40	5.29	1.86	2.09	-0.74	3.59	-1.58	5.86	-2.47	1.02	38.4995
5918	932	0.00	-4.97	-0.09	0.01	-0.33	-1.05	1.56	-3.59	-0.72	0.20	3.77	-2.49	23.19	-1.21	3.41	-2.12	25.08	-2.12	38.5585
5919	3175	1.59	1.54	1.28	0.01	-0.33	1.07	-0.34	0.04	1.10	-0.89	4.14	-2.49	25.24	-1.33	-2.14	2.32	7.55	0.19	38.5604
5920	5002	0.54	-2.09	1.55	-5.55	-0.68	-0.52	-0.80	-0.54	2.58	0.57	-0.07	4.80	26.91	4.42	-1.03	2.78	10.05	-4.33	38.5723
5921	5299	0.22	4.67	-0.08	-5.55	2.79	0.01	-0.94	19.76	-0.27	2.75	2.87	2.09	-2.59	3.70	-2.69	8.85	-2.47	5.46	38.5871
5922	2799	0.44	-4.63	2.47	-5.55	-1.37	2.66	1.09	-6.66	3.40	-0.16	1.55	0.10	27.81	-2.04	1.75	6.70	17.57	-6.44	38.6989
5923	4627	0.37	3.67	0.04	-11.11	0.02	-0.52	-0.34	6.04	-0.37	0.20	5.36	2.21	23.58	3.39	-2.14	3.57	0.03	4.74	38.7448
5924	6061	-0.04	4.12	-0.43	-5.55	1.06	-2.11	-0.94	7.09	0.41	2.02	0.25	2.65	24.48	3.22	-1.03	-1.32	2.54	2.33	38.7585
5925	5555	2.22	0.46	-0.47	5.58	1.75	3.72	-0.94	11.15	1.40	5.29	1.86	-1.14	-0.74	6.11	-1.58	5.54	-2.47	1.02	38.7763
5926	4363	1.65	-3.65	1.90	-5.55	-1.02	2.66	1.09	-5.59	2.71	-0.89	0.74	0.10	27.04	-0.76	1.75	5.89	15.06	-4.33	38.8179
5927	5595	0.20	4.56	-0.08	-5.55	2.79	1.07	-0.94	20.13	-0.27	2.75	2.87	-1.14	-2.59	6.22	-2.69	8.53	-2.47	5.46	38.8638
5928	5982	0.26	5.16	0.15	-5.55	1.06	-2.11	-0.94	7.31	1.10	1.29	0.74	2.65	25.25	2.19	-1.58	-0.87	2.54	0.22	38.8654
5929	285	-0.72	2.05	0.35	0.01	-0.68	-2.11	-0.34	-0.42	0.29	-0.89	2.84	-2.49	24.33	-2.06	-0.47	-2.91	20.07	2.30	39.1645
5930	1775	0.92	-2.94	0.54	0.01	-0.33	2.13	-0.34	-0.56	1.97	0.57	3.46	-2.49	26.21	-1.67	-1.03	2.29	12.56	-2.12	39.1858
5931	3813	1.10	1.06	0.94	0.01	-0.33	-1.05	1.56	-1.04	1.03	-0.89	3.65	-2.49	25.16	-0.26	3.41	-2.88	10.05	0.19	39.2348
5932	206	-0.43	3.09	0.93	0.01	-0.68	-2.11	-0.34	-0.20	0.97	-1.62	3.33	-2.49	25.10	-3.09	-1.03	-2.46	20.07	0.19	39.2715
5933	4711	0.90	-0.81	-0.69	-11.11	0.36	-0.52	-0.34	6.51	0.50	1.29	4.67	2.21	24.56	4.48	-1.03	3.34	2.54	2.44	39.3064
5934	5001	0.24	-4.12	1.55	-5.55	-0.68	-0.52	-0.80	-0.76	2.58	1.66	0.25	4.80	26.91	5.60	-0.47	2.93	10.05	-4.33	39.3402
5935	852	0.00	-5.96	0.49	0.01	-0.33	-1.05	1.56	-3.59	-0.03	0.57	4.58	-2.49	23.97	-1.06	3.41	-1.51	25.08	-4.23	39.4334
5936	4922	0.54	-3.08	2.12	-5.55	-0.68	-0.52	-0.80	-0.54	3.27	0.93	0.74	4.80	27.68	4.57	-1.03	3.38	10.05	-6.44	39.4471
5937	1394	-0.37	-2.09	1.55	-5.55	-1.37	-0.52	1.09	-5.83	2.58	-1.62	-0.07	0.10	26.90	-2.52	2.86	1.12	27.58	-4.33	39.5290
5938	755	-0.18	-3.65	1.88	-5.55	-1.37	1.60	-0.80	-4.96	2.66	-0.53	0.74	0.10	26.99	-2.40	-2.14	6.46	25.08	-4.33	39.6225
5939	5168	0.87	6.39	-2.08	16.71	1.75	1.07	-0.94	10.56	-2.53	4.57	1.54	2.09	-5.17	3.61	-1.03	2.65	-4.98	4.54	39.6250
5940	5981	-0.04	3.13	0.15	-5.55	1.06	-2.11	-0.94	7.09	1.11	2.38	1.06	2.65	25.25	3.37	-1.03	-0.71	2.54	0.22	39.6333
5941	4283	1.65	-4.63	2.47	-5.55	-1.02	2.66	1.09	-5.59	3.40	-0.53	1.55	0.10	27.82	-0.61	1.75	6.50	15.06	-6.44	39.6928
5942	1019	-0.53	3.67	0.04	-11.11	-0.68	-0.52	1.56	0.75	-0.37	-1.98	5.36	-2.49	23.58	-3.54	1.75	1.91	17.57	4.74	39.7015
5943	5724	0.85	4.05	-0.98	16.71	2.10	2.13	-0.94	11.95	-1.18	4.93	2.03	-1.14	-3.64	5.02	-1.03	3.29	-4.98	0.54	39.7183
5944	5804	0.85	5.04	-1.56	16.71	2.10	3.19	-0.94	11.95	-1.87	4.57	1.22	-1.14	-4.43	4.87	-1.03	2.68	-4.98	2.66	39.8921
5945	5464	0.85	6.28	-2.08	16.71	1.75	2.13	-0.94	10.93	-2.54	4.57	1.54	-1.14	-5.17	6.14	-1.03	2.33	-4.98	4.54	39.9018
5946	115	-0.37	-3.65	1.91	-5.55	0.02	1.60	-0.94	-7.52	2.75	0.20	0.74	-2.81	27.09	-1.06	-2.69	6.93	27.58	-4.33	39.9235
5947	205	-0.72	1.06	0.93	0.01	-0.68	-2.11	-0.34	-0.42	0.98	-0.53	3.65	-2.49	25.11	-1.91	-0.47	-2.31	20.07	0.19	40.0394
5948	1695	0.92	-3.93	1.12	0.01	-0.33	2.13	-0.34	-0.56	2.66	0.93	4.27	-2.49	26.99	-1.53	-1.03	2.90	12.56	-4.23	40.0607
5949	5931	0.85	9.85	-2.55	5.58	1.75	3.19	-0.94	15.74	-1.15	3.48	2.44	-1.14	-3.61	3.70	-1.58	5.90	-9.99	8.61	40.1262
5950	3259	2.12	-2.94	0.54	0.01	0.02	2.13	-0.34	0.51	1.98	0.20	3.46	-2.49	26.22	-0.24	-1.03	2.09	10.05	-2.12	40.1797
5951	4921	0.24	-5.11	2.12	-5.55	-0.68	-0.52	-0.80	-0.76	3.28	2.02	1.06	4.80	27.69	5.75	-0.47	3.54	10.05	-6.44	40.2150
5952	1103	0.00	-0.81	-0.69	-11.11	-0.33	-0.52	1.56	1.22	0.50	-0.89	4.67	-2.49	24.56	-2.46	2.86	1.68	20.07	2.44	40.2631
5953	1393	-0.66	-4.12	1.55	-5.55	-1.37	-0.52	1.09	-6.04	2.58	-0.53	0.25	0.10	26.91	-1.34	3.41	1.27	27.58	-4.33	40.2969
5954	2883	0.97	-9.11	1.74	-5.55	-1.02	3.72	1.09	-6.19	4.27	0.93	0.87	0.10	28.80	-0.95	2.86	6.47	20.07	-8.75	40.3182
5955	1314	-0.37	-3.08	2.12	-5.55	-1.37	-0.52	1.09	-5.83	3.27	-1.25	0.74	0.10	27.68	-2.37	2.86	1.72	27.58	-6.44	40.4038
5956	675	-0.18	-4.63	2.46	-5.55	-1.37	1.60	-0.80	-4.96	3.35	-0.16	1.55	0.10	27.77	-2.26	-2.14	7.07	25.08	-6.44	40.4973
5957	5754	0.31	5.02	-0.01	5.58	2.45	0.54	-0.94	15.91	0.09	2.02	0.36	-1.14	-2.18	5.15	-1.58	2.62	2.54	3.95	40.6794
5958	5942	0.79	8.99	-2.85	-11.11	1.06	-2.11	-0.94	17.34	-4.49	3.11	3.86	-1.14	18.94	3.16	-1.58	-3.97	2.54	9.10	40.6869
5959	35	-0.37	-4.63	2.48	-5.55	0.02	1.60	-0.94	-7.52	3.45	0.57	1.55	-2.81	27.87	-0.91	-2.69	7.54	27.58	-6.44	40.7983
5960	5132	0.87	4.75	-1.11	16.71	2.10	0.54	-0.94	11.58	-1.35	4.93	2.03	2.09	-3.83	3.69	-1.03	3.84	-4.98	1.02	40.9216
5961	3179	2.12	-3.93	1.12	0.01	0.02	2.13	-0.34	0.51	2.67	0.57	4.27	-2.49	27.00	-0.09	-1.03	2.69	10.05	-4.23	41.0545
5962	5212	0.87	5.74	-1.69	16.71	2.10	1.60	-0.94	11.58	-2.04	4.57	1.22	2.09	-4.61	3.54	-1.03	3.23	-4.98	3.13	41.0955
5963	1313	-0.66	-5.11	2.12	-5.55	-1.37	-0.52	1.09	-6.04	3.28	-0.16	1.06	0.10	27.69	-1.19	3.41	1.88	27.58	-6.44	41.1717
5964	2803	0.97	-10.10	2.31	-5.55	-1.02	3.72	1.09	-6.19	4.96	1.29	1.68	0.10	29.57	-0.80	2.86	7.08	20.07	-10.86	41.1930
5965	5428	0.85	4.64	-1.11	16.71	2.10	1.60	-0.94	11.95	-1.35	4.93	2.03	-1.14	-3.83	6.21	-1.03	3.53	-4.98	1.02	41.1984
5966	4631	0.90	-1.80	-0.12	-11.11	0.36	0.54	-0.34	6.51	1.19	1.66	5.48	2.21	25.34	4.63	-1.03	3.94	2.54	0.32	41.2389
5967	4367	2.18	-9.11	1.74	-5.55	-0.68	3.72	1.09	-5.12	4.27	0.57	0.87	0.10	28.80	0.48	2.86	6.27	17.57	-8.75	41.3120
5968	5339	0.87	10.56	-2.69	5.58	1.75	1.60	-0.94	15.37	-1.31	3.48	2.44	2.09	-3.80	2.37	-1.58	6.45	-9.99	9.09	41.3296
5969	5508	0.85	5.63	-1.69	16.71	2.10	2.66	-0.94	11.95	-2.04	4.57	1.22	-1.14	-4.61	6.06	-1.03	2.92	-4.98	3.14	41.3722
5970	5753	0.01	2.99	-0.01	5.58	2.45	0.54	-0.94	15.69	0.10	3.11	0.68	-1.14	-2.17	6.33	-1.03	2.77	2.54	3.95	41.4473
5971	5941	0.49	6.95	-2.85	-11.11	1.06	-2.11	-0.94	17.12	-4.48	4.20	4.18	-1.14	18.95	4.35	-1.03	-3.82	2.54	9.10	41.4548
5972	5975	0.85																		

5975	5162	0.32	5.73	-0.15	5.58	2.45	-1.05	-0.94	15.54	0.08	2.02	0.36	2.09	-2.36	3.82	-1.58	3.17	2.54	4.43	41.8827
5976	5350	0.81	9.69	-2.99	-11.11	1.06	-3.70	-0.94	16.97	-4.66	3.11	3.86	2.09	18.75	1.84	-1.58	-3.42	2.54	9.58	41.8903
5977	5940	0.16	10.87	-2.99	-11.11	0.71	-2.11	-0.94	15.27	-5.94	3.11	4.86	-1.14	17.30	3.96	-2.14	-1.50	0.03	13.52	41.9359
5978	5718	0.31	3.39	0.95	5.58	2.79	0.01	-0.94	16.93	1.28	2.38	0.85	-1.14	-0.84	5.23	-1.58	3.82	2.54	0.43	41.9760
5979	759	0.35	-9.11	1.73	-5.55	-1.02	2.66	-0.80	-4.49	4.22	0.93	0.87	0.10	28.75	-1.17	-1.03	6.84	27.58	-8.75	42.1166
5980	5798	0.31	4.37	0.38	5.58	2.79	1.07	-0.94	16.93	0.58	2.02	0.04	-1.14	-1.62	5.08	-1.58	3.21	2.54	2.54	42.1498
5981	5458	0.31	5.62	-0.15	5.58	2.45	0.01	-0.94	15.91	-0.08	2.02	0.36	-1.14	-2.37	6.34	-1.58	2.86	2.54	4.43	42.1595
5982	5646	0.79	9.58	-2.99	-11.11	1.06	-2.64	-0.94	17.34	-4.66	3.11	3.86	-1.14	18.75	4.36	-1.58	-3.74	2.54	9.58	42.1671
5983	4287	2.18	-10.10	2.32	-5.55	-0.68	3.72	1.09	-5.12	4.97	0.93	1.68	0.10	29.58	0.63	2.86	6.88	17.57	-10.86	42.1868
5984	1023	0.00	-1.80	-0.12	-11.11	-0.33	0.54	1.56	1.22	1.19	-0.53	5.48	-2.49	25.34	-2.31	2.86	2.28	20.07	0.32	42.1956
5985	119	0.16	-9.11	1.75	-5.55	0.36	2.66	-0.94	-7.06	4.32	1.66	0.87	-2.81	28.86	0.18	-1.58	7.31	30.09	-8.75	42.4175
5986	4534	0.48	4.08	0.36	0.01	0.02	-2.11	-0.34	2.84	0.31	-0.53	2.52	2.21	24.36	3.44	-1.03	-1.52	5.04	2.30	42.4623
5987	5895	0.85	8.21	-1.58	5.58	2.10	3.72	-0.94	16.76	0.04	3.84	2.93	-1.14	-2.27	3.77	-1.58	7.09	-9.99	5.10	42.4805
5988	2331	0.39	1.54	1.29	0.01	-0.68	1.07	1.56	-3.28	1.13	-1.25	4.14	-2.49	25.27	-3.01	1.75	2.40	12.56	0.19	42.5889
5989	5862	0.79	8.00	-2.28	-11.11	1.06	-1.05	-0.94	17.34	-3.80	3.48	4.67	-1.14	19.72	3.31	-1.58	-3.37	2.54	6.99	42.6194
5990	5161	0.03	3.70	-0.15	5.58	2.45	-1.05	-0.94	15.32	-0.07	3.11	0.68	2.09	-2.36	5.00	-1.03	3.32	2.54	4.43	42.6506
5991	5349	0.51	7.66	-2.99	-11.11	1.06	-3.70	-0.94	16.75	-4.65	4.20	4.18	2.09	18.76	3.02	-1.03	-3.27	2.54	9.58	42.6582
5992	3895	1.59	2.52	0.71	0.01	-0.33	1.07	1.56	-2.21	0.45	-1.98	3.33	-2.49	24.50	-1.73	1.75	1.59	10.05	2.30	42.7079
5993	5717	0.01	1.35	0.96	5.58	2.79	0.01	-0.94	16.71	1.28	3.48	1.16	-1.14	-0.83	6.41	-1.03	3.97	2.54	0.43	42.7439
5994	5383	0.87	9.91	-2.29	5.58	2.10	2.13	-0.94	16.39	-0.82	3.48	2.12	2.09	-3.24	2.30	-1.58	7.03	-9.99	7.69	42.8000
5995	5797	0.01	2.34	0.38	5.58	2.79	1.07	-0.94	16.71	0.59	3.11	0.35	-1.14	-1.62	6.26	-1.03	3.36	2.54	2.54	42.9177
5996	5457	0.01	3.59	-0.15	5.58	2.45	0.01	-0.94	15.69	-0.07	3.11	0.68	-1.14	-2.36	7.53	-1.03	3.01	2.54	4.43	42.9274
5997	5645	0.49	7.55	-2.99	-11.11	1.06	-2.64	-0.94	17.12	-4.65	4.20	4.18	-1.14	18.76	5.54	-1.03	-3.59	2.54	9.58	42.9350
5998	679	0.35	-10.10	2.30	-5.55	-1.02	2.66	-0.80	-4.49	4.92	1.29	1.68	0.10	29.53	-1.02	-1.03	7.45	27.58	-10.86	42.9914
5999	5679	0.85	9.80	-2.29	5.58	2.10	3.19	-0.94	16.76	-0.82	3.48	2.12	-1.14	-3.24	4.82	-1.58	6.71	-9.99	7.69	43.0768
6000	6063	0.45	4.60	-0.09	-5.55	1.06	0.01	-0.94	5.92	0.53	1.29	0.74	2.65	24.59	1.90	-2.69	3.75	2.54	2.33	43.1064
6001	5348	0.17	11.58	-3.12	-11.11	0.71	-3.70	-0.94	14.90	-6.11	3.11	4.86	2.09	17.12	2.64	-2.14	-0.95	0.03	14.00	43.1393
6002	5126	0.32	4.09	0.82	5.58	2.79	-1.58	-0.94	16.56	1.11	2.38	0.85	2.09	-1.03	3.90	-1.58	4.37	2.54	0.91	43.1794
6003	4533	0.18	2.05	0.36	0.01	0.02	-2.11	-0.34	2.62	0.32	0.57	2.84	2.21	24.37	4.63	-0.47	-1.37	5.04	2.30	43.2302
6004	39	0.16	-10.10	2.33	-5.55	0.36	2.66	-0.94	-7.06	5.01	2.02	1.68	-2.81	29.63	0.33	-1.58	7.91	30.09	-10.86	43.2924
6005	4454	0.48	3.09	0.94	0.01	0.02	-2.11	-0.34	2.84	1.01	-0.16	3.33	2.21	25.14	3.59	-1.03	-0.92	5.04	0.19	43.3371
6006	5206	0.32	5.08	0.24	5.58	2.79	-0.52	-0.94	16.56	0.42	2.02	0.04	2.09	-1.81	3.75	-1.58	3.76	2.54	3.02	43.3532
6007	5861	0.49	5.96	-2.28	-11.11	1.06	-1.05	-0.94	17.12	-3.79	4.57	4.99	-1.14	19.72	4.50	-1.03	-3.22	2.54	6.99	43.3873
6008	5644	0.16	11.47	-3.12	-11.11	0.71	-2.64	-0.94	15.27	-6.11	3.11	4.86	-1.14	17.12	5.16	-2.14	-1.27	0.03	14.00	43.4160
6009	926	-0.43	4.08	0.36	0.01	-0.68	-2.11	1.56	-2.45	0.31	-2.71	2.52	-2.49	24.36	-3.50	2.86	-3.18	22.57	2.30	43.4189
6010	5422	0.31	3.98	0.82	5.58	2.79	-0.52	-0.94	16.93	1.11	2.38	0.85	-1.14	-1.03	6.42	-1.58	4.05	2.54	0.91	43.4561
6011	287	-0.23	2.52	0.70	0.01	-0.68	1.07	-0.34	-1.58	0.40	-1.62	3.33	-2.49	24.45	-3.38	-2.14	2.16	20.07	2.30	43.5125
6012	3815	1.59	1.54	1.29	0.01	-0.33	1.07	1.56	-2.21	1.14	-1.62	4.14	-2.49	25.28	-1.58	1.75	2.20	10.05	0.19	43.5827
6013	5502	0.31	4.97	0.24	5.58	2.79	0.54	-0.94	16.93	0.42	2.02	0.04	-1.14	-1.81	6.27	-1.58	3.44	2.54	3.03	43.6300
6014	5303	0.87	8.92	-1.72	5.58	2.10	2.13	-0.94	16.39	-0.13	3.84	2.93	2.09	-2.46	2.45	-1.58	7.64	-9.99	5.57	43.6839
6015	5003	0.73	-3.65	1.89	-5.55	-0.68	1.60	-0.80	-1.92	2.70	0.93	0.74	4.80	27.03	4.28	-2.14	8.01	10.05	-4.33	43.6881
6016	5270	0.81	8.70	-2.41	-11.11	1.06	-2.64	-0.94	16.97	-3.96	3.48	4.67	2.09	19.53	1.99	-1.58	-2.82	2.54	7.46	43.8228
6017	5860	0.16	9.88	-2.41	-11.11	0.71	-1.05	-0.94	15.27	-5.25	3.48	5.67	-1.14	18.08	4.11	-2.14	-0.90	0.03	11.41	43.8684
6018	5125	0.03	2.06	0.82	5.58	2.79	-1.58	-0.94	16.34	1.12	3.48	1.16	2.09	-1.02	5.08	-1.03	4.52	2.54	0.91	43.9473
6019	5599	0.85	8.81	-1.72	5.58	2.10	3.19	-0.94	16.76	-0.13	3.84	2.93	-1.14	-2.46	4.97	-1.58	7.32	-9.99	5.58	43.9606
6020	5983	0.45	3.61	0.49	-5.55	1.06	0.01	-0.94	5.92	1.22	1.66	1.55	2.65	25.37	2.05	-2.69	4.36	2.54	0.22	43.9813
6021	5566	0.79	8.59	-2.41	-11.11	1.06	-1.58	-0.94	17.34	-3.97	3.48	4.67	-1.14	19.53	4.51	-1.58	-3.14	2.54	7.47	44.0996
6022	4453	0.18	1.06	0.94	0.01	0.02	-2.11	-0.34	2.62	1.01	0.93	3.65	2.21	25.15	4.78	-0.47	-0.76	5.04	0.19	44.1050
6023	5205	0.03	3.05	0.25	5.58	2.79	-0.52	-0.94	16.34	0.42	3.11	0.35	2.09	-1.80	4.93	-1.03	3.91	2.54	3.02	44.1211
6024	925	-0.72	2.05	0.36	0.01	-0.68	-2.11	1.56	-2.67	0.32	-1.62	2.84	-2.49	24.37	-2.31	3.41	-3.03	22.57	2.30	44.1868
6025	2415	0.92	-2.94	0.55	0.01	-0.33	2.13	1.56	-2.81	2.01	-0.16	3.46	-2.49	26.25	-1.93	2.86	2.17	15.06	-2.12	44.2081
6026	5421	0.01	1.95	0.82	5.58	2.79	-0.52	-0.94	16.71	1.12	3.48	1.16	-1.14	-1.02	7.60	-1.03	4.20	2.54	0.91	44.2240
6027	846	-0.43	3.09	0.94	0.01	-0.68	-2.11	1.56	-2.45	1.01	-2.34	3.33	-2.49	25.14	-3.35	2.86	-2.58	22.57	0.19	44.2938
6028	207	-0.23	1.54	1.28	0.01	-0.68	0.01	-0.34	-1.58	1.09	-1.25	4.14	-2.49	25.23	-3.23	-2.14	2.77	20.07	0.19	44.3873
6029	5501	0.01	2.94	0.24	5.58	2.79	0.54	-0.94	16.71	0.42	3.11	0.35	-1.14	-1.80	7.45	-1.03	3.59	2.54	3.03	44.3979
6030	5944	0.69	5.40	-3.15	-11.11	1.06	-1.05	-0.94	15.74	-4.37	4.57	4.99	-1.14	19.06	5.20	-1.03	-1.12	2.54	9.10	44.4300
6031	4923	0.73	-4.63	2.47	-5.55	-0.68	1.60	-0.80	-1.92	3.39	1.29	1.55	4.80	27.81	4.43	-2.14	8.61	10.05	-6.44	44.5630
6032	5269	0.51	6.67	-2.41	-11.11	1.06	-2.64	-0.94	16.75	-3.96	4.57	4.99	2.09	19.54	3.17	-1.03	-2.67	2.54	7.46	44.5907
6033	1395	-0.18	-3.65	1.89	-5.55	-1.37	1.60	1.09	-7.21	2.70	-1.25	0.74	0.10	27.03	-2.66	1.75	6.35	27.58	-4.33	44.6448
6034	5565	0.49	6.56	-2.41	-11.11	1.06	-1.58	-0.94	17.12	-3.96	4.57	4.99	-1.14	19.54	5.69	-1.03	-2.98	2.54	7.47	44.8675
6035	845	-0.72	1.06	0.94	0.01	-0.68	-2.11	1.56	-2.67	1.01	-1.25	3.65	-2.49	25.15	-2.16	3.41	-2.42	22.57	0.19	45.0617
6036	5268	0.17	10.59	-2.55	-11.11	0.71	-2.64	-0.94	14.90	-5.41	3.48	5.67	2.09	17.90	2.79	-2.14	-0.35	0.03	11.88	45.0718
6037	2335																			

6040	1315	-0.18	-4.63	2.47	-5.55	-1.37	1.60	1.09	-7.21	3.39	-0.89	1.55	0.10	27.81	-2.51	1.75	6.95	27.58	6.44	45.5196
6041	6067	0.98	-0.87	-0.24	-5.55	1.40	1.07	-0.94	6.39	2.09	2.75	0.87	2.65	26.35	3.14	-1.58	4.13	5.04	-2.09	45.6005
6042	5352	0.70	6.11	-3.28	-11.11	1.06	-2.64	-0.94	15.37	-4.54	4.57	4.99	2.09	18.88	3.87	-1.03	-0.57	2.54	9.58	45.6334
6043	5755	0.50	3.47	0.33	5.58	2.45	2.66	-0.94	14.52	0.21	2.38	1.17	-1.14	-2.05	5.01	-2.69	7.85	2.54	3.95	45.7952
6044	5648	0.69	6.00	-3.28	-11.11	1.06	-1.58	-0.94	15.74	-4.54	4.57	4.99	-1.14	18.88	6.39	-1.03	-0.89	2.54	9.58	45.9101
6045	291	0.30	-2.94	0.54	0.01	-0.33	1.07	-0.34	-1.12	1.96	-0.16	3.46	-2.49	26.21	-2.14	-1.03	2.54	22.57	-2.12	46.0065
6046	3819	2.12	-3.93	1.13	0.01	0.02	2.13	1.56	-1.74	2.70	-0.16	4.27	-2.49	27.04	-0.35	2.86	2.58	12.56	-4.23	46.0768
6047	5007	1.26	-9.11	1.74	-5.55	-0.33	2.66	-0.80	-1.46	4.26	2.38	0.87	4.80	28.79	5.52	-1.03	8.38	12.56	-8.75	46.1822
6048	5864	0.69	4.42	-2.57	-11.11	1.06	0.01	-0.94	15.74	-3.68	4.93	5.80	-1.14	19.84	5.35	-1.03	-0.52	2.54	6.99	46.3625
6049	5987	0.98	-1.86	0.33	-5.55	1.40	1.07	-0.94	6.39	2.78	3.11	1.68	2.65	27.13	3.29	-1.58	4.74	5.04	-4.20	46.4753
6050	211	0.30	-3.93	1.12	0.01	-0.33	1.07	-0.34	-1.12	2.65	0.20	4.27	-2.49	26.99	-1.99	-1.03	3.14	22.57	-4.23	46.8814
6051	5163	0.51	4.18	0.20	5.58	2.45	1.07	-0.94	14.15	0.04	2.38	1.17	2.09	-2.24	3.69	-2.69	8.40	2.54	4.43	46.9986
6052	4927	1.26	-10.10	2.31	-5.55	-0.33	2.66	-0.80	-1.46	4.95	2.75	1.68	4.80	29.57	5.67	-1.03	8.99	12.56	-10.86	47.0570
6053	5719	0.50	1.83	1.30	5.58	2.79	2.13	-0.94	15.54	1.40	2.75	1.66	-1.14	-0.72	5.09	-2.69	9.04	2.54	0.43	47.0918
6054	1399	0.35	-9.11	1.74	-5.55	-1.02	2.66	1.09	-6.74	4.26	0.20	0.87	0.10	28.79	-1.42	2.86	6.72	30.09	-8.75	47.1389
6055	5799	0.50	2.82	0.72	5.58	2.79	3.19	-0.94	15.54	0.70	2.38	0.85	-1.14	-1.50	4.94	-2.69	8.43	2.54	2.54	47.2657
6056	5459	0.50	4.06	0.20	5.58	2.45	2.13	-0.94	14.52	0.04	2.38	1.17	-1.14	-2.24	6.21	-2.69	8.08	2.54	4.43	47.2753
6057	5272	0.70	5.12	-2.70	-11.11	1.06	-1.58	-0.94	15.37	-3.85	4.93	5.80	2.09	19.66	4.02	-1.03	0.03	2.54	7.46	47.5659
6058	4535	0.67	2.52	0.71	0.01	0.02	0.01	-0.34	1.45	0.43	-0.16	3.33	2.21	24.49	3.31	-2.14	3.70	5.04	2.30	47.5781
6059	5568	0.69	5.01	-2.70	-11.11	1.06	-0.52	-0.94	15.74	-3.85	4.93	5.80	-1.14	19.65	6.54	-1.03	-0.29	2.54	7.47	47.8426
6060	1319	0.35	-10.10	2.31	-5.55	-1.02	2.66	1.09	-6.74	4.95	0.57	1.68	0.10	29.57	-1.27	2.86	7.33	30.09	-10.86	48.0137
6061	5127	0.51	2.54	1.17	5.58	2.79	0.54	-0.94	15.17	1.23	2.75	1.66	2.09	-0.90	3.76	-2.69	9.59	2.54	0.91	48.2952
6062	4455	0.67	1.54	1.28	0.01	0.02	0.01	-0.34	1.45	1.13	0.20	4.14	2.21	25.27	3.46	-2.14	4.31	5.04	0.19	48.4529
6063	5207	0.51	3.53	0.59	5.58	2.79	1.60	-0.94	15.17	0.53	2.38	0.85	2.09	-1.69	3.61	-2.69	8.98	2.54	3.02	48.4690
6064	927	-0.23	2.52	0.71	0.01	-0.68	0.01	1.56	-3.83	0.43	-2.34	3.33	-2.49	24.49	-3.63	1.75	2.04	22.57	2.30	48.5348
6065	5423	0.50	2.43	1.17	5.58	2.79	1.60	-0.94	15.54	1.23	2.75	1.66	-1.14	-0.90	6.28	-2.69	9.27	2.54	0.91	48.5719
6066	5503	0.50	3.42	0.59	5.58	2.79	2.66	-0.94	15.54	0.53	2.38	0.85	-1.14	-1.69	6.14	-2.69	8.66	2.54	3.03	48.7458
6067	5938	0.26	14.46	-2.70	-11.11	0.71	-2.11	-0.94	16.87	-3.34	1.66	3.74	-1.14	20.24	2.92	-1.58	-2.19	0.03	13.52	49.2904
6068	847	-0.23	1.54	1.28	0.01	-0.68	0.01	1.56	-3.83	1.13	-1.98	4.14	-2.49	25.26	-3.48	1.75	2.65	22.57	0.19	49.4096
6069	5937	-0.04	12.42	-2.70	-11.11	0.71	-2.11	-0.94	16.65	-3.33	2.75	4.05	-1.14	20.24	4.10	-1.03	-2.04	0.03	13.52	50.0583
6070	4539	1.20	-2.94	0.55	0.01	0.36	1.07	-0.34	1.92	2.00	1.29	3.46	2.21	26.25	4.54	-1.03	4.08	7.55	-2.12	50.0722
6071	5346	0.28	15.16	-2.83	-11.11	0.71	-3.70	-0.94	16.50	-3.51	1.66	3.74	2.09	20.05	1.59	-1.58	-1.64	0.03	14.00	50.4938
6072	5642	0.26	15.05	-2.83	-11.11	0.71	-2.64	-0.94	16.87	-3.51	1.66	3.74	-1.14	20.05	4.11	-1.58	-1.95	0.03	14.00	50.7705
6073	5759	1.15	7.72	-1.31	16.71	1.75	4.78	-0.94	11.15	0.35	3.48	1.23	-1.14	-1.92	3.76	-1.58	6.64	-4.98	4.06	50.8920
6074	4459	1.20	-3.93	1.13	0.01	0.36	1.07	-0.34	1.92	2.69	1.66	4.27	2.21	27.03	4.69	-1.03	4.69	7.55	-4.23	50.9470
6075	931	0.30	-2.94	0.55	0.01	-0.33	1.07	1.56	-3.37	2.00	-0.89	3.46	-2.49	26.25	-2.39	2.86	2.42	25.08	-2.12	51.0289
6076	5858	0.26	13.47	-2.12	-11.11	0.71	-1.05	-0.94	16.87	-2.65	2.02	4.55	-1.14	21.01	3.07	-1.58	-1.58	0.03	11.41	51.2229
6077	5345	-0.02	13.13	-2.83	-11.11	0.71	-3.70	-0.94	16.29	-3.50	2.75	4.05	2.09	20.06	2.77	-1.03	-1.49	0.03	14.00	51.2617
6078	5770	1.09	6.85	-1.61	0.01	1.06	-0.52	-0.94	12.75	-2.99	3.11	2.65	-1.14	20.62	3.23	-1.58	-3.23	7.55	4.55	51.4527
6079	5641	-0.04	13.02	-2.83	-11.11	0.71	-2.64	-0.94	16.65	-3.50	2.75	4.05	-1.14	20.06	5.29	-1.03	-1.80	0.03	14.00	51.5384
6080	851	0.30	-3.93	1.13	0.01	-0.33	1.07	1.56	-3.37	2.69	-0.53	4.27	-2.49	27.03	-2.24	2.86	3.03	25.08	-4.23	51.9037
6081	5857	-0.04	11.44	-2.12	-11.11	0.71	-1.05	-0.94	16.65	-2.64	3.11	4.86	-1.14	21.02	4.25	-1.03	-1.43	0.03	11.41	51.9908
6082	5167	1.16	8.42	-1.44	16.71	1.75	3.19	-0.94	10.78	0.18	3.48	1.23	2.09	-2.11	2.43	-1.58	7.19	-4.98	4.54	52.0953
6083	5723	1.15	6.08	-0.34	16.71	2.10	4.25	-0.94	12.17	1.54	3.84	1.71	-1.14	-0.58	3.84	-1.58	7.83	-4.98	0.54	52.1886
6084	5769	0.79	4.82	-1.61	0.01	1.06	-0.52	-0.94	12.53	-2.99	4.20	2.96	-1.14	20.63	4.41	-1.03	-3.08	7.55	4.55	52.2206
6085	5690	1.09	5.86	-1.03	0.01	1.06	-0.52	-0.94	12.75	-2.30	3.48	3.46	-1.14	21.40	3.38	-1.58	-2.63	7.55	2.43	52.3275
6086	5803	1.15	7.07	-0.92	16.71	2.10	5.31	-0.94	12.17	0.84	3.48	0.90	-1.14	-1.37	3.69	-1.58	7.22	-4.98	2.66	52.3624
6087	5463	1.15	8.31	-1.44	16.71	1.75	4.25	-0.94	11.15	0.18	3.48	1.23	-1.14	-2.11	4.95	-1.58	6.87	-4.98	4.54	52.3721
6088	5266	0.28	14.17	-2.25	-11.11	0.71	-2.64	-0.94	16.50	-2.82	2.02	4.55	2.09	20.83	1.74	-1.58	-1.04	0.03	11.88	52.4263
6089	5178	1.10	7.56	-1.74	0.01	1.06	-2.11	-0.94	12.38	-3.16	3.11	2.65	2.09	20.44	1.90	-1.58	-2.68	7.55	5.03	52.6561
6090	5768	0.45	8.74	-1.75	0.01	0.71	-0.52	-0.94	10.68	-4.44	3.11	3.65	-1.14	18.99	4.03	-2.14	-0.76	5.04	8.97	52.7017
6091	5562	0.26	14.06	-2.25	-11.11	0.71	-1.58	-0.94	16.87	-2.82	2.02	4.55	-1.14	20.83	4.26	-1.58	-1.35	0.03	11.89	52.7030
6092	5474	1.09	7.44	-1.74	0.01	1.06	-1.05	-0.94	12.75	-3.16	3.11	2.65	-1.14	20.44	4.42	-1.58	-3.00	7.55	5.03	52.9328
6093	5689	0.79	3.83	-1.03	0.01	1.06	-0.52	-0.94	12.53	-2.29	4.57	3.77	-1.14	21.41	4.56	-1.03	-2.47	7.55	2.43	53.0954
6094	5265	-0.02	12.14	-2.25	-11.11	0.71	-2.64	-0.94	16.29	-2.81	3.11	4.86	2.09	20.84	2.92	-1.03	-0.88	0.03	11.88	53.1942
6095	5131	1.16	6.78	-0.47	16.71	2.10	2.66	-0.94	11.80	1.37	3.84	1.71	2.09	-0.77	2.51	-1.58	8.38	-4.98	1.02	53.3920
6096	5177	0.81	5.52	-1.74	0.01	1.06	-2.11	-0.94	12.17	-3.15	4.20	2.96	2.09	20.45	3.08	-1.03	-2.53	7.55	5.03	53.4240
6097	5561	-0.04	12.03	-2.25	-11.11	0.71	-1.58	-0.94	16.65	-2.81	3.11	4.86	-1.14	20.83	5.44	-1.03	-1.20	0.03	11.89	53.4709
6098	5098	1.10	6.57	-1.17	0.01	1.06	-2.11	-0.94	12.38	-2.47	3.48	3.46	2.09	21.22	2.05	-1.58	-2.08	7.55	2.91	53.5309
6099	5211	1.16	7.77	-1.05	16.71	2.10	3.72	-0.94	11.80	0.67	3.48	0.90	2.09	-1.56	2.36	-1.58	7.77	-4.98	3.13	53.5658
6100	5688	0.45	7.75	-1.17	0.01	0.71	-0.52	-0.94	10.68	-3.75	3.48	4.46	-1.14	19.77	4.18	-2.14	-0.15	5.04	6.85	53.5765
6101	5427	1.15	6.67	-0.47	16.71	2.10	3.72	-0.94	12.17	1.37	3.84	1.71	-1.14	-0.77	5.03	-1.58	8.06	-4.98	1.02	

6105	5176	0.47	9.44	-1.88	0.01	0.71	-2.11	-0.94	10.31	4.61	3.11	3.65	2.09	18.80	2.70	-2.14	-0.21	5.04	9.45	53.9050
6106	5472	0.45	9.33	-1.88	0.01	0.71	-1.05	-0.94	10.68	-4.61	3.11	3.65	-1.14	18.80	5.22	-2.14	-0.53	5.04	9.45	54.1818
6107	5097	0.81	4.54	-1.16	0.01	1.06	-2.11	-0.94	12.17	-2.46	4.57	3.77	2.09	21.22	3.23	-1.03	-1.92	7.55	2.91	54.2988
6108	5939	0.45	12.90	-2.35	-11.11	0.71	0.01	-0.94	15.49	-3.22	2.02	4.55	-1.14	20.36	2.78	-2.69	3.04	0.03	13.52	54.4062
6109	5393	0.79	4.42	-1.17	0.01	1.06	-1.05	-0.94	12.53	-2.46	4.57	3.77	-1.14	21.22	5.75	-1.03	-2.24	7.55	2.91	54.5756
6110	5096	0.47	8.45	-1.30	0.01	0.71	-2.11	-0.94	10.31	-3.92	3.48	4.46	2.09	19.58	2.85	-2.14	0.39	5.04	7.33	54.7799
6111	5392	0.45	8.34	-1.30	0.01	0.71	-1.05	-0.94	10.68	-3.92	3.48	4.46	-1.14	19.58	5.37	-2.14	0.08	5.04	7.33	55.0566
6112	5772	0.98	3.27	-1.90	0.01	1.06	0.54	-0.94	11.15	-2.88	4.57	3.77	-1.14	20.75	5.26	-1.03	-0.38	7.55	4.55	55.1958
6113	5347	0.47	13.61	-2.48	-11.11	0.71	-1.58	-0.94	15.12	-3.39	2.02	4.55	2.09	20.17	1.45	-2.69	3.59	0.03	14.00	55.6096
6114	5643	0.45	13.50	-2.48	-11.11	0.71	-0.52	-0.94	15.49	-3.39	2.02	4.55	-1.14	20.17	3.98	-2.69	3.27	0.03	14.00	55.8864
6115	5692	0.98	2.28	-1.32	0.01	1.06	0.54	-0.94	11.15	-2.19	4.93	4.58	-1.14	21.53	5.41	-1.03	0.22	7.55	2.43	56.0706
6116	5859	0.45	11.91	-1.77	-11.11	0.71	1.07	-0.94	15.49	-2.53	2.38	5.36	-1.14	21.14	2.93	-2.69	3.64	0.03	11.41	56.3387
6117	5180	1.00	3.97	-2.04	0.01	1.06	-1.05	-0.94	10.78	-3.05	4.57	3.77	2.09	20.56	3.94	-1.03	0.17	7.55	5.03	56.3991
6118	5476	0.98	3.86	-2.04	0.01	1.06	0.01	-0.94	11.15	-3.05	4.57	3.77	-1.14	20.56	6.46	-1.03	-0.15	7.55	5.03	56.6759
6119	5943	0.98	7.44	-2.51	-11.11	1.06	1.07	-0.94	15.95	-1.66	3.48	4.67	-1.14	22.12	4.02	-1.58	3.42	2.54	9.10	56.9003
6120	5100	1.00	2.99	-1.46	0.01	1.06	-1.05	-0.94	10.78	-2.35	4.93	4.58	2.09	21.34	4.09	-1.03	0.77	7.55	2.91	57.2740
6121	5267	0.47	12.62	-1.91	-11.11	0.71	-0.52	-0.94	15.12	-2.70	2.38	5.36	2.09	20.95	1.60	-2.69	4.19	0.03	11.88	57.5421
6122	5396	0.98	2.87	-1.46	0.01	1.06	0.01	-0.94	11.15	-2.35	4.93	4.58	-1.14	21.34	6.61	-1.03	0.46	7.55	2.91	57.5507
6123	5563	0.45	12.51	-1.91	-11.11	0.71	0.54	-0.94	15.49	-2.70	2.38	5.36	-1.14	20.95	4.12	-2.69	3.87	0.03	11.89	57.8189
6124	5351	1.00	8.14	-2.64	-11.11	1.06	-0.52	-0.94	15.59	-1.83	3.48	4.67	2.09	21.93	2.69	-1.58	3.97	2.54	9.58	58.1037
6125	5647	0.98	8.03	-2.64	-11.11	1.06	0.54	-0.94	15.95	-1.83	3.48	4.67	-1.14	21.93	5.21	-1.58	3.65	2.54	9.58	58.3804
6126	5863	0.98	6.45	-1.93	-11.11	1.06	2.13	-0.94	15.95	-0.97	3.84	5.48	-1.14	22.90	4.17	-1.58	4.02	2.54	6.99	58.8328
6127	5271	1.00	7.15	-2.06	-11.11	1.06	0.54	-0.94	15.59	-1.13	3.84	5.48	2.09	22.71	2.84	-1.58	4.57	2.54	7.46	60.0362
6128	5766	0.56	12.32	-1.45	0.01	0.71	-0.52	-0.94	12.29	-1.84	1.66	2.52	-1.14	21.92	2.98	-1.58	-1.45	5.04	8.97	60.0562
6129	5567	0.98	7.04	-2.06	-11.11	1.06	1.60	-0.94	15.95	-1.13	3.84	5.48	-1.14	22.71	5.36	-1.58	4.25	2.54	7.47	60.3129
6130	5765	0.26	10.29	-1.45	0.01	0.71	-0.52	-0.94	12.07	-1.84	2.75	2.84	-1.14	21.93	4.16	-1.03	-1.29	5.04	8.97	60.8241
6131	5686	0.56	11.33	-0.88	0.01	0.71	-0.52	-0.94	12.29	-1.15	2.02	3.33	-1.14	22.70	3.13	-1.58	-0.84	5.04	6.85	60.9310
6132	5174	0.57	13.03	-1.59	0.01	0.71	-2.11	-0.94	11.92	-2.01	1.66	2.52	2.09	21.74	1.65	-1.58	-0.90	5.04	9.45	61.2595
6133	5470	0.56	12.91	-1.59	0.01	0.71	-1.05	-0.94	12.29	-2.01	1.66	2.52	-1.14	21.73	4.17	-1.58	-1.21	5.04	9.45	61.5363
6134	5685	0.26	9.30	-0.87	0.01	0.71	-0.52	-0.94	12.07	-1.14	3.11	3.65	-1.14	22.71	4.31	-1.03	-0.69	5.04	6.85	61.6989
6135	5173	0.28	10.99	-1.58	0.01	0.71	-2.11	-0.94	11.70	-2.00	2.75	2.84	2.09	21.74	2.84	-1.03	-0.74	5.04	9.45	62.0274
6136	5094	0.57	12.04	-1.01	0.01	0.71	-2.11	-0.94	11.92	-1.32	2.02	3.33	2.09	22.51	1.80	-1.58	-0.29	5.04	7.33	62.1344
6137	5469	0.26	10.88	-1.59	0.01	0.71	-1.05	-0.94	12.07	-2.01	2.75	2.84	-1.14	21.74	5.36	-1.03	-1.06	5.04	9.45	62.3042
6138	5390	0.56	11.93	-1.01	0.01	0.71	-1.05	-0.94	12.29	-1.32	2.02	3.33	-1.14	22.51	4.32	-1.58	-0.61	5.04	7.33	62.4111
6139	5093	0.28	10.01	-1.01	0.01	0.71	-2.11	-0.94	11.70	-1.31	3.11	3.65	2.09	22.52	2.98	-1.03	-0.14	5.04	7.33	62.9023
6140	5389	0.26	9.89	-1.01	0.01	0.71	-1.05	-0.94	12.07	-1.31	3.11	3.65	-1.14	22.52	5.51	-1.03	-0.46	5.04	7.33	63.1790
6141	5767	0.75	10.77	-1.11	0.01	0.71	1.60	-0.94	10.90	-1.73	2.02	3.33	-1.14	22.05	2.84	-2.69	3.78	5.04	8.97	65.1720
6142	5687	0.75	9.78	-0.53	0.01	0.71	1.60	-0.94	10.90	-1.03	2.38	4.14	-1.14	22.83	2.99	-2.69	4.38	5.04	6.85	66.0468
6143	5175	0.76	11.47	-1.24	0.01	0.71	0.01	-0.94	10.53	-1.89	2.02	3.33	2.09	21.86	1.52	-2.69	4.33	5.04	9.45	66.3754
6144	5471	0.75	11.36	-1.24	0.01	0.71	1.07	-0.94	10.90	-1.89	2.02	3.33	-1.14	21.86	4.04	-2.69	4.01	5.04	9.45	66.6521
6145	5095	0.76	10.48	-0.66	0.01	0.71	0.01	-0.94	10.53	-1.20	2.38	4.14	2.09	22.64	1.67	-2.69	4.93	5.04	7.33	67.2502
6146	5391	0.75	10.37	-0.66	0.01	0.71	1.07	-0.94	10.90	-1.20	2.38	4.14	-1.14	22.64	4.19	-2.69	4.62	5.04	7.33	67.5270
6147	5771	1.28	5.30	-1.26	0.01	1.06	2.66	-0.94	11.37	-0.16	3.48	3.46	-1.14	23.81	4.08	-1.58	4.16	7.55	4.55	67.6661
6148	5691	1.28	4.31	-0.69	0.01	1.06	2.66	-0.94	11.37	0.53	3.84	4.27	-1.14	24.59	4.23	-1.58	4.76	7.55	2.43	68.5409
6149	5179	1.29	6.01	-1.40	0.01	1.06	1.07	-0.94	11.00	-0.33	3.48	3.46	2.09	23.62	2.75	-1.58	4.71	7.55	5.03	68.8695
6150	5475	1.28	5.89	-1.40	0.01	1.06	2.13	-0.94	11.37	-0.33	3.48	3.46	-1.14	23.62	5.27	-1.58	4.39	7.55	5.03	69.1462
6151	5099	1.29	5.02	-0.82	0.01	1.06	1.07	-0.94	11.00	0.36	3.84	4.27	2.09	24.40	2.90	-1.58	5.31	7.55	2.91	69.7443
6152	5395	1.28	4.91	-0.82	0.01	1.06	2.13	-0.94	11.37	0.36	3.84	4.27	-1.14	24.40	5.42	-1.58	4.99	7.55	2.91	70.0210

