

## **GHG emissions of all world countries, 2024 Report**

### **How to cite this report:**

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All information regarding how to cite the report, data sources and conditions of use of the data are provided in the report.

### **Units and substances**

GHG emissions include CO<sub>2</sub> (fossil only), CH<sub>4</sub>, N<sub>2</sub>O and F-gases. They are aggregated using Global Warming Potential (GWP) 100.

values in GHG\_totals\_by\_country sheet are expressed in Mt CO<sub>2</sub>eq/yr

values in GHG\_by\_sector\_and\_country sheet are expressed in Mt CO<sub>2</sub>eq/yr

values in LULUCF by macro regions sheet are expressed in Mt CO<sub>2</sub>eq/yr

values in GHG\_per\_GDP\_by\_country sheet are expressed in t CO<sub>2</sub>eq/kUSD/yr

values in GHG\_per\_capita\_by\_country sheet are expressed in t CO<sub>2</sub>eq/cap/yr

Metric units are used.

### **Sector definition**

Power Industry - Power and heat generation plants (public & autoproducers)

Industrial combustion - Combustion for industrial manufacturing

Buildings – Small scale non-industrial stationary combustion

Transport – Mobile combustion (road & rail & ship & aviation)

Agriculture - Agricultural soils, crop residues burning, enteric fermentation, manure management, indirect N<sub>2</sub>O emissions

Fuel exploitation - Production, transformation and refining of fuels

Processes - Industrial processes (e.g. emissions from the production of cement, iron and steel, aluminum, chemicals)

Waste - Solid waste disposal and waste water treatment

### **LULUCF**

CO<sub>2</sub> emissions from Forest Land (Rossi et al., in prep.), Deforestation, Drainage of Organic Soils, Other Land use changes

Wildfire GHG emissions are also included using the GWIS estimates (Global Wildfire Information System).

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he sheet 'citation and references'

ntial values from IPCC AR5 (GWP-100 AR5).

missions from agriculture

cals, solvents, etc.)

and their conversion (Grassi et al., 2022).

anica, G., Pisoni, E., Vignati, E., Pekar, F., GHG emissions of all world countries – JRC/IEA 2024 Report, Luxembourg

, 2024, <https://data.europa.eu/doi/10.2760/4002897>, JRC138862.

## Conditions of use and how to cite

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All emissions, except for CO<sub>2</sub> emissions from fuel combustion, are from the EDGAR (Emissions Database for Global Atm  
IEA-EDGAR CO<sub>2</sub> (v3) data are based on data from IEA (2023) Greenhouse Gas Emissions from Energy, [www.iea.org/stati](http://www.iea.org/stati)

Co-authorship and involvement of the EDGAR Community, which includes the IEA for fossil CO<sub>2</sub> emissions, in the emissi

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Crippa M., Guizzardi D., Pagani F., Banja M., Muntean M., Schaaf E., Becker, W., Monforti-Ferrario F., Quadrelli, R., Risqu

## How to cite the use of underlying data

EDGAR (Emissions Database for Global Atmospheric Research) Community GHG Database (a collaboration between the  
IEA-EDGAR CO<sub>2</sub> (v3), a component of the EDGAR (Emissions Database for Global Atmospheric Research) Community GH  
Users of the data are obliged to acknowledge the source of the data also with reference to the EDGAR report webpage (

Based on IEA-EDGAR CO<sub>2</sub> (v3), EDGAR CH<sub>4</sub>, EDGAR N<sub>2</sub>O, EDGAR F-gases, a component of the EDGAR (Emissions Databa

## References for the data sources

IATA (2024), International Air Transport Association Statistics, [www.iata.org/en/iata-repository/pressroom/fact-sheets/](http://www.iata.org/en/iata-repository/pressroom/fact-sheets/)

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IEA World Energy Balances - 2023 Edition, [www.iea.org/data-and-statistics](http://www.iea.org/data-and-statistics), All rights reserved, as modified by Joint Rese

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IEA World energy balances: IEA family and beyond, April 2024 Edition, <https://www.iea.org/data-and-statistics/data-pro>

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FAOSTAT (2024), Statistics Division of the Food and Agricultural Organisation of the UN: [www.fao.org/faostat](http://www.fao.org/faostat), Last acces

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WB (2024), data of GDP PPP, (constant 2017 international \$) (expressed in 1000 US dollar, and adjusted to the Purchasin

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Global Flaring and Methane Reduction Partnership (GFMR), 2012-2023 data for gas consumption for flaring, 2024, <https://www.gfmr.org/>

Based on IEA-EDGAR CO<sub>2</sub> (v3), EDGAR CH<sub>4</sub>, EDGAR N<sub>2</sub>O, EDGAR F-gases, a component of the EDGAR (Emissions Databa

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on data analysis is highly appreciated. User’s comments and requests can be sent via email to the authors.

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[https://edgar.jrc.ec.europa.eu/report\\_2024](https://edgar.jrc.ec.europa.eu/report_2024)) and EDGAR\_2024\_GHG website ([https://edgar.jrc.ec.europa.eu/dataset\\_gf](https://edgar.jrc.ec.europa.eu/dataset_gf)

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CO<sub>2</sub>, EDGAR CH<sub>4</sub>, EDGAR N<sub>2</sub>O, EDGAR F-GASES version EDGAR\_2024\_GHG (2024) European Commission.  
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23) World Energy Balances, [www.iea.org/statistics](http://www.iea.org/statistics); Energy Institute, <https://www.energyinst.org/statistical-review> (2024)

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isation of the UN: [www.fao.org/faostat](http://www.fao.org/faostat); International Maritime Organization annual industry outlook (2024); USGS (2024)

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EDGAR Country Code	Country	1970	1971	1972	1973	1974
ABW	Aruba	0.03671303	0.04153813	0.05239075	0.05735989	0.05663019
AFG	Afghanistan	15.4374303	15.3640773	13.3166282	13.9348751	15.1778624
AGO	Angola	18.998763	18.8660571	21.4590025	23.0189407	23.6854233
AIA	Anguilla	0.00335505	0.00339596	0.0035337	0.00341138	0.00369424
AIR	International Aviation	172.478021	172.465452	182.459819	190.29691	183.162104
ALB	Albania	8.22485019	8.17088547	9.10479944	8.58543388	8.85428034
ANT	Curaçao	15.0744761	15.075232	14.6513746	16.2022108	14.6682321
ARE	United Arab Emirates	29.7660215	35.8112601	39.4742163	50.6790171	52.2035727
ARG	Argentina	219.518777	222.848417	229.86968	237.77645	238.105816
ARM	Armenia	12.6721032	12.833723	13.6391001	14.668407	15.6878204
ATG	Antigua and Barbuda	0.15836975	0.16485441	0.18588947	0.18747265	0.17342494
AUS	Australia	315.026951	321.304581	333.450761	340.794135	355.474325
AUT	Austria	71.810865	74.9957388	77.1999027	80.9640865	78.7271496
AZE	Azerbaijan	32.7159462	33.0707012	34.9205804	37.3400266	39.7972152
BDI	Burundi	1.99054752	1.98365777	2.07675313	2.13199777	2.15487926
BEL	Belgium	166.993959	157.390463	168.886628	174.703071	175.025156
BEN	Benin	2.38256252	2.47132725	2.67887131	2.82027343	2.80120532
BFA	Burkina Faso	6.46992999	6.49632018	6.16865971	5.87345622	5.98113402
BGD	Bangladesh	124.355812	117.66496	119.785211	120.986981	119.848006
BGR	Bulgaria	91.5173295	92.2102814	95.154496	96.3119247	97.2398091
BHR	Bahrain	18.391881	18.5530858	19.4084944	20.6938982	22.2112549
BHS	Bahamas	1.55953492	1.59407249	1.85929191	1.85586329	1.63814522
BIH	Bosnia and Herzegovina	16.4056905	16.7596777	16.373656	17.6120541	19.0587285
BLR	Belarus	89.0421284	90.218797	95.3200697	102.254104	109.083124
BLZ	Belize	0.27390556	0.29472177	0.31329965	0.31866895	0.32401373
BMU	Bermuda	0.1612442	0.16281857	0.19363951	0.19498854	0.17565412
BOL	Bolivia	27.0111254	28.0361938	32.6608284	34.2155214	34.0448516
BRA	Brazil	349.405641	357.392668	378.126874	405.582313	433.218015
BRB	Barbados	0.5003552	0.50971694	0.5634008	0.57322491	0.5298098
BRN	Brunei	2.77926362	2.61926444	3.18969872	4.00633198	4.17391127
BTN	Bhutan	0.70227122	0.71301352	0.72715251	0.73992535	0.75354705
BWA	Botswana	3.38054107	3.5069269	4.07980681	4.30865647	4.90175202
CAF	Central African Republic	1.62866821	1.70257299	1.79719132	1.85386727	1.97772691
CAN	Canada	466.359871	475.896057	497.738211	525.315683	534.108498
CHE	Switzerland and Liechtenst	51.3177438	53.2683856	54.0185474	57.9932951	53.344552
CHL	Chile	50.4220969	52.6700728	55.2709849	54.3926489	52.7456503
CHN	China	2035.09663	2088.11085	2163.69812	2205.66482	2227.91536
CIV	Côte d'Ivoire	6.37411129	6.47604162	6.88502664	7.07441894	7.29483879
CMR	Cameroon	7.41514833	7.74534795	7.53462777	7.57061669	7.76819524
COD	Democratic Republic of the	11.1210106	11.3757092	11.6527726	11.8763318	12.2284356
COG	Congo	2.412807	2.69506859	2.9122999	11.4180739	15.7401072
COK	Cook Islands	0.02753977	0.02776288	0.02819787	0.03282594	0.03919465
COL	Colombia	84.7091394	87.5230223	89.4861123	91.6068045	94.5912283
COM	Comoros	0.22188572	0.22504662	0.22745033	0.23180883	0.23827381
CPV	Cabo Verde	0.22829277	0.22642301	0.2291417	0.23096292	0.23901083
CRI	Costa Rica	5.77231524	5.94334629	6.29634306	6.92588999	6.94220769
CUB	Cuba	45.7965819	44.3162109	43.4338564	45.9098169	47.7874545
CYM	Cayman Islands	0.03582693	0.03819463	0.04686238	0.04987557	0.04832416
CYP	Cyprus	2.86772982	2.90403046	3.39740896	3.51437232	2.771738
CZE	Czechia	220.406143	221.379628	221.486168	219.725652	203.291641

DEU	Germany	1325.83153	1318.15637	1342.31078	1397.25495	1363.47287
DJI	Djibouti	0.98258295	0.99785335	1.00348278	1.03470805	1.1102075
DMA	Dominica	0.03220693	0.03425983	0.03677802	0.03811779	0.03831015
DNK	Denmark	80.3579565	75.8436491	77.5005257	77.0252507	71.6649805
DOM	Dominican Republic	9.60424546	10.058398	11.3031994	11.4941213	12.4750777
DZA	Algeria	57.1887851	60.9425551	83.1002272	95.8544032	85.6231285
ECU	Ecuador	13.6505338	12.7733224	14.7754982	18.5171075	19.5626481
EGY	Egypt	60.2679755	60.4650383	61.2664228	57.8118428	62.2354313
ERI	Eritrea	4.08342216	4.11449371	4.06497587	4.10874751	4.07352875
ESH	Western Sahara	0.22217745	0.22531433	0.23823891	0.24291719	0.25307426
ESP	Spain and Andorra	190.47306	188.130233	201.507094	215.922145	229.542322
EST	Estonia	25.4821191	25.6451345	27.6064263	30.9960829	34.1285543
ETH	Ethiopia	52.7775086	53.1356974	52.5554509	53.0758834	52.9551553
FIN	Finland	57.9536434	57.2665223	61.183698	65.5082799	61.679377
FJI	Fiji	1.45176405	1.4602069	1.52211439	1.68694966	1.91446433
FLK	Falkland Islands	0.15574212	0.15638681	0.15561912	0.14773356	0.14896069
FRA	France and Monaco	636.650138	647.336158	664.046129	701.615988	682.917068
FRO	Faroes	0.04494499	0.04405739	0.04494301	0.04506147	0.04519612
GAB	Gabon	6.80893753	7.32905407	7.8982744	11.8526704	14.5283827
GBR	United Kingdom	855.073771	850.74494	830.564086	871.077503	821.22044
GEO	Georgia	30.1179932	30.1749327	31.819993	33.5094619	34.9952174
GHA	Ghana	7.01044747	7.11008932	7.54301777	7.66753039	8.24510696
GIB	Gibraltar	0.08187941	0.08295307	0.0729055	0.07343557	0.07344275
GIN	Guinea	5.00726312	5.04020626	5.11838936	5.25845989	5.38702737
GLP	Guadeloupe	0.41164642	0.41880207	0.44537052	0.45706848	0.43888334
GMB	The Gambia	0.70213912	0.71965797	0.70658012	0.69309466	0.72506195
GNB	Guinea-Bissau	0.75962147	0.77503841	0.80374543	0.83841815	0.94321947
GNQ	Equatorial Guinea	0.12501021	0.12534198	0.13136545	0.10853877	0.11538217
GRC	Greece	45.1512712	46.7250943	54.098542	57.5284935	57.7451199
GRD	Grenada	0.05218671	0.05450002	0.05488325	0.05566588	0.05311261
GRL	Greenland	0.05672893	0.05777745	0.05888354	0.055505	0.05629186
GTM	Guatemala	8.38968336	8.82788278	9.41816013	9.59997984	9.51509736
GUF	French Guiana	0.11242642	0.11326159	0.13278545	0.13411793	0.12120985
GUY	Guyana	5.01672924	4.93050513	4.68086466	5.09556594	5.18339102
HKG	Hong Kong	11.6162832	11.8340779	12.1648221	12.2683257	13.7517339
HND	Honduras	5.80143281	5.88498408	6.01621001	6.18576542	6.4223229
HRV	Croatia	28.5263718	28.6161304	28.2654442	29.7542383	30.982406
HTI	Haiti	6.21271077	6.34735377	6.44537773	6.41639827	6.40071093
HUN	Hungary	91.0881139	93.3708028	95.1568104	100.395458	103.252872
IDN	Indonesia	206.332551	208.969103	215.297055	230.636599	237.271068
IND	India	792.811363	796.809615	807.249418	814.633713	836.014643
IRL	Ireland	39.6026174	42.5851192	42.3062696	42.8826477	45.8268599
IRN	Iran	220.710846	226.300465	249.449399	289.421244	301.590544
IRQ	Iraq	103.843446	108.210124	98.6843376	123.709272	123.50599
ISL	Iceland	3.21423856	3.35385051	3.66001781	4.3565168	4.28514621
ISR	Israel and Palestine, State of	72.6600389	72.9375868	76.7265309	77.7398332	60.8518431
ITA	Italy, San Marino and the Holy See	394.30836	411.689309	429.222841	453.676019	454.695954
JAM	Jamaica	9.22693807	9.22259896	9.18675496	9.73631015	10.0508967
JOR	Jordan	3.58122606	3.69095338	3.29426165	3.66091192	3.89106302
JPN	Japan	1016.28347	1006.15469	1049.25245	1162.74896	1157.93383
KAZ	Kazakhstan	267.674318	268.458863	281.857802	297.338756	306.16343

KEN	Kenya	22.7401601	23.1692877	23.8467491	24.2279861	24.5567908
KGZ	Kyrgyzstan	22.9942312	23.3413831	24.4899797	25.4857531	26.4813362
KHM	Cambodia	25.5816484	21.2392941	17.2814438	12.6353983	10.3631607
KIR	Kiribati	0.02768458	0.02829625	0.02997981	0.03452847	0.04044658
KNA	Saint Kitts and Nevis	0.05846839	0.05987929	0.06301777	0.06255778	0.06086018
KOR	South Korea	99.6778301	100.216405	102.333584	118.855354	125.253016
KWT	Kuwait	79.4361827	82.018577	85.8387598	78.1259489	65.2348207
LAO	Laos	6.904212	6.78444044	6.68575501	6.63667946	6.76463182
LBN	Lebanon	6.76955442	6.93662745	7.49478194	8.93523654	8.98004461
LBR	Liberia	1.56838984	1.58544686	1.60860301	1.66223227	1.72468224
LBY	Libya	137.146895	125.200776	101.354268	98.2419531	69.4514331
LCA	Saint Lucia	0.07689415	0.07893259	0.08498677	0.08553822	0.08164792
LKA	Sri Lanka	19.081324	18.9167848	18.8297683	19.3454595	20.468504
LSO	Lesotho	1.90572668	1.8104171	1.76695296	1.74478503	1.80326342
LTU	Lithuania	29.6077033	30.0568831	31.7028462	33.6377167	35.5907026
LUX	Luxembourg	20.5064244	19.1099018	18.7361842	20.1949103	18.6883753
LVA	Latvia	17.2754424	17.5167589	18.4121557	19.4942836	20.5902471
MAC	Macao	0.33220435	0.33301887	0.3513788	0.41749161	0.50575008
MAR	Morocco	22.2487983	22.9286102	23.401837	24.8515244	25.6525658
MDA	Moldova	23.3797472	23.6052155	24.8530949	26.2883782	27.646332
MDG	Madagascar	20.2559509	19.2703704	19.6950172	20.1024038	20.4224022
MDV	Maldives	0.02097345	0.02211798	0.02382008	0.02737105	0.03140951
MEX	Mexico	205.60304	207.207678	221.079791	232.987531	252.415651
MKD	North Macedonia	12.2776822	11.7213473	11.7224751	13.097822	13.4783413
MLI	Mali	11.7139923	11.9339252	10.6002707	9.97296504	9.20615953
MLT	Malta	0.7903111	0.79602834	0.96747082	0.93458265	0.86256239
MMR	Myanmar/Burma	69.4758958	69.0808035	66.9398707	69.1451374	69.3974565
MNG	Mongolia	15.7514345	16.1312527	15.7631245	16.2790741	17.0332905
MOZ	Mozambique	9.59136981	9.73075385	9.32107749	9.64017362	9.51859406
MRT	Mauritania	5.64898886	5.50553494	5.06661746	4.96266436	4.31434942
MTQ	Martinique	0.36312386	0.37285107	0.41725676	0.42296344	0.40064061
MUS	Mauritius	0.82307337	0.86183078	0.90422051	0.94572291	0.999525
MWI	Malawi	2.38728315	2.47364148	2.63845516	2.69588223	2.82292416
MYS	Malaysia	45.3071176	46.0658122	33.5488287	33.8270808	36.45918
NAM	Namibia	6.46801034	6.56882336	6.66883383	6.77599055	7.41849893
NCL	New Caledonia	1.35170059	1.35291933	1.4203908	1.64313804	1.91091831
NER	Niger	11.0657762	11.3927948	11.5971508	8.84380619	8.89892958
NGA	Nigeria	182.189709	197.203488	232.086263	262.918579	295.94868
NIC	Nicaragua	8.97846672	8.57437504	8.6427077	9.06052316	9.55119141
NLD	Netherlands	178.916529	180.457411	198.569402	207.473607	202.86249
NOR	Norway	53.9633795	52.511765	56.0568826	57.7489819	56.7227348
NPL	Nepal	24.9451096	25.241628	24.8839416	26.0016392	26.3246332
NZL	New Zealand	57.0706939	55.3485401	59.5023129	60.3277413	61.5239633
OMN	Oman	14.842392	14.8626652	14.6973698	15.0394662	15.3892717
PAK	Pakistan	100.145274	100.307269	102.258642	105.072186	108.824715
PAN	Panama	6.18243393	6.36607367	6.67785571	7.0651474	7.21572469
PER	Peru	38.1675076	39.0246223	38.1187973	39.2410469	41.3239929
PHL	Philippines	87.2252222	89.332819	89.0913987	97.5537381	95.0548375
PLW	Palau	2.16644922	2.16663347	2.16661885	2.16669568	2.16677651
PNG	Papua New Guinea	1.94606516	1.97935565	2.0890412	2.36810504	2.74264761
POL	Poland	484.223298	495.771032	513.208142	538.64694	558.097893



PRI	Puerto Rico	31.4453702	33.8187223	41.0386893	45.3620091	43.0825021
PRK	North Korea	98.7577974	99.3408717	102.604267	105.035124	108.852397
PRT	Portugal	29.6075566	30.5189073	31.2630047	33.6433223	33.0562161
PRY	Paraguay	10.4051508	10.7162174	11.0528533	11.6599489	11.9633665
PYF	French Polynesia	0.19312328	0.19420398	0.20341622	0.2338986	0.27503684
QAT	Qatar	23.5389485	27.163108	32.1076512	36.4704879	31.4380774
REU	Réunion	0.51528991	0.51469016	0.51829823	0.53564865	0.56098143
ROU	Romania	174.541462	177.113231	184.416771	198.891827	202.92111
RUS	Russia	1723.15942	1737.94739	1821.02596	1922.6388	2014.07019
RWA	Rwanda	4.23176797	4.26510607	4.35794746	4.47098446	4.50607582
SAU	Saudi Arabia	80.4696563	91.9774	117.7999	155.323057	166.6198
SCG	Serbia and Montenegro	45.9566938	46.9249513	46.7649373	50.0222588	53.6353357
SDN	Sudan and South Sudan	38.3138329	39.068641	39.8716728	43.2938174	43.9802923
SEA	International Shipping	375.869284	375.869284	393.809699	416.834882	390.055566
SEN	Senegal	7.7662172	7.8620399	7.58286213	7.4140027	7.69153907
SGP	Singapore	7.44155909	7.49139105	8.9068502	9.85784517	10.3042342
SHN	Saint Helena, Ascension and Tristan da Cunha	0.00571114	0.00582539	0.00539501	0.00537955	0.00564544
SLB	Solomon Islands	0.15216205	0.16314396	0.16661986	0.18636647	0.21647157
SLE	Sierra Leone	2.9365969	3.03182823	3.00614826	3.01797216	3.10123364
SLV	El Salvador	5.51036173	5.39000028	5.75088473	5.74616343	5.8860718
SOM	Somalia	18.5811059	18.4469162	18.8008933	18.6364349	18.374221
SPM	Saint Pierre and Miquelon	0.0414687	0.04148851	0.04958431	0.05004861	0.04514912
STP	São Tomé and Príncipe	0.03417657	0.03415413	0.033599	0.03484264	0.03564674
SUR	Suriname	2.02790825	2.03764644	1.97766841	2.22565709	2.13736919
SVK	Slovakia	57.6233444	57.8044438	58.658307	59.934317	60.568627
SVN	Slovenia	14.7728563	15.015322	14.6556316	16.345071	17.4674805
SWE	Sweden	114.536574	107.50168	107.767477	109.373447	102.541638
SWZ	Eswatini	1.8311641	1.84559105	1.91384196	1.97364692	2.00708935
SYC	Seychelles	0.13004905	0.13373589	0.13545838	0.14086044	0.15170068
SYR	Syria	15.6435234	15.644827	16.0278193	15.3201946	18.6573516
TCA	Turks and Caicos Islands	0.00450003	0.00462822	0.00538447	0.00548433	0.0050957
TCD	Chad	8.92695924	9.07377417	9.64542008	8.76424066	7.27298901
TGO	Togo	1.88467691	1.88545087	1.97100723	1.9028135	1.90607214
THA	Thailand	117.92448	118.603065	117.629229	127.898713	124.350839
TJK	Tajikistan	14.2634063	14.6047296	15.2095682	15.8090457	16.4386235
TKM	Turkmenistan	28.8202748	29.0823862	30.4046873	31.6992107	33.1121436
TLS	Timor-Leste	0.64881587	0.66808615	0.72248343	0.73253582	0.72076686
TON	Tonga	0.06713057	0.06705768	0.06903297	0.07923613	0.08828679
TTO	Trinidad and Tobago	9.09837936	9.12976579	8.83120513	9.24714361	9.50086145
TUN	Tunisia	10.47355	10.8455395	11.5688066	11.6749167	12.5201664
TUR	Türkiye	99.844692	103.910018	112.533679	118.319467	121.416561
TWN	Taiwan	52.3172832	52.1924012	56.5973349	60.9071964	60.1975898
TZA	Tanzania	19.4675599	19.643973	20.1623199	20.3081096	20.6753866
UGA	Uganda	10.9020895	11.0025464	11.3268248	11.5269609	11.8469301
UKR	Ukraine	607.125211	610.79946	641.413359	676.601744	705.525519
URY	Uruguay	28.8599883	28.4760173	29.3707033	30.1747702	31.3257062
USA	United States	5788.64939	5661.56074	5930.7829	6128.98592	5949.05479
UZB	Uzbekistan	79.7374842	81.0431657	84.9500313	89.0632125	93.7578787
VCT	Saint Vincent and the Grenadines	0.04569211	0.04669881	0.04946961	0.05099937	0.05022267
VEN	Venezuela	106.494376	105.907126	105.567693	115.605906	112.836098
VGB	British Virgin Islands	0.01577398	0.0163104	0.0180748	0.01834816	0.01788976

VNM	Viet Nam	89.7624936	88.9867875	89.4583089	93.2454372	91.1448392
VUT	Vanuatu	0.29224676	0.31394706	0.32173438	0.36376293	0.39877126
WSM	Samoa	0.15780414	0.15806084	0.16291927	0.17815558	0.2018108
YEM	Yemen	5.39788354	5.69459938	5.95539821	6.260079	6.4837281
ZAF	South Africa	241.122287	240.628058	247.926802	267.008805	276.088222
ZMB	Zambia	12.463517	12.7185365	13.2990051	13.7594074	13.9767955
ZWE	Zimbabwe	21.7235835	22.3204658	21.9619867	23.5698063	23.6553841
EU27	EU27	4591.4227	4615.90626	4767.68656	4986.34868	4946.21122
GLOBAL TOTAL	GLOBAL TOTAL	24002.7517	24048.4082	24971.2787	26185.4187	26182.1484

1975	1976	1977	1978	1979	1980	1981	1982
0.07074349	0.06979261	0.08062398	0.08548429	0.08949136	0.09346341	0.09667062	0.09576028
15.8430583	15.9433251	16.0882154	15.6402775	15.4654898	15.3676663	15.5147534	15.5157162
22.5196085	18.5862434	23.2510285	25.3966102	25.91389	26.3740126	24.9576617	25.2024504
0.00396796	0.00383289	0.00396012	0.00435311	0.00468311	0.00593207	0.00821891	0.00866079
177.165836	177.483077	193.593366	200.750199	207.533943	206.393584	205.575337	213.055787
9.03338374	9.6441839	10.2008643	11.2232656	12.3809114	12.5801938	11.6014958	12.2445051
10.5816947	11.2559224	11.3921528	9.67919835	9.57452872	9.08366283	8.41923574	7.64218135
53.0712794	64.3357176	65.3810455	70.8998969	56.3725315	58.8044601	53.9135813	51.9087702
238.644817	247.086603	257.645701	250.360981	256.241573	251.623978	245.836044	242.544696
16.9427467	17.3793238	17.977311	18.6713323	19.3231512	20.4415397	20.878501	21.4617982
0.19801543	0.18603325	0.19997199	0.2049556	0.21039205	0.21379824	0.19712016	0.23103066
364.870621	367.988983	374.706925	365.667225	369.871558	377.064518	380.212483	387.508591
76.2040146	81.6569057	79.0529967	81.0649498	83.7559129	81.8809039	78.2065778	76.0374625
42.5484392	43.6869048	45.0189338	47.2215061	48.7808198	50.937901	52.1863409	53.0699172
2.23706224	2.25059876	2.26523591	2.29813344	2.36920539	2.13174384	1.93379872	1.95714748
155.587658	164.989138	163.682235	167.941193	177.243917	166.829791	155.182934	146.86933
2.9923446	2.86535774	2.97817264	3.07772256	3.19229995	3.34881349	3.54055397	3.76633652
6.18123532	6.35729374	6.46587719	6.71460271	7.02638373	7.22264185	7.51739085	7.84428606
125.332573	122.078222	123.605463	127.138077	129.080738	122.173893	122.992118	124.70684
103.763488	104.661829	107.632264	113.818144	117.793834	121.328332	117.728034	119.77827
19.9431046	20.8751534	23.8314879	23.6084531	24.4244089	24.284406	24.461945	24.5869528
1.67923144	1.50311141	1.65764459	1.68179782	1.73107467	1.70945104	1.52846065	1.28667183
19.6183585	19.5707379	20.1669658	20.9674096	21.6847679	21.0546539	23.1360441	24.2221235
115.317014	119.108338	122.287812	126.513152	130.057295	133.5862	135.316975	136.194349
0.34375224	0.33696555	0.34828964	0.34877605	0.35088877	0.35599571	0.35456735	0.35241549
0.2086136	0.19135796	0.20929602	0.20947964	0.20774724	0.20620892	0.1792163	0.17796762
32.8312782	34.1876151	31.9069418	33.0193209	30.9562616	30.3143512	28.1012292	29.3811882
455.826579	492.815383	510.404894	525.618483	548.921671	576.079486	563.686229	569.979064
0.57804431	0.55397786	0.6075912	0.61215994	0.61654208	0.62879579	0.61486242	0.59740571
4.32673726	5.08890417	5.2641235	5.37343136	5.17297017	6.04807919	4.99513228	5.33993303
0.76349853	0.78063221	0.79683107	0.82038116	0.83753869	0.85494977	0.89063339	0.91944117
5.46750342	6.29336793	6.84334695	6.59832155	6.6814028	6.88922162	7.13228305	7.33131603
2.02630263	2.10649587	2.2824993	2.49187383	3.08767039	3.28558886	3.40586715	6.53890887
519.150405	530.576704	551.654809	558.45902	573.056569	578.223191	558.130062	539.052783
50.8217213	52.7026788	53.2160999	54.5184303	53.3229666	54.1484522	51.51565	49.2057759
49.5759177	49.672119	47.6000504	48.2135994	51.0039619	53.6547751	53.106166	49.4180724
2409.9806	2470.75147	2639.71204	2826.96267	2868.94236	2843.2882	2808.23427	2889.14444
7.81581794	8.48047807	8.66109188	9.43914387	9.30897607	9.18006944	9.21867958	9.56584851
8.44667061	8.75413233	9.73279789	10.6153058	12.8378502	15.7753121	18.577813	20.3044641
12.4066089	17.1566655	17.0304092	16.343807	17.4069306	17.1256541	17.6396049	20.5445857
10.2632109	10.2573525	4.79986528	4.40644356	4.55579741	5.4875706	6.53257812	7.34630515
0.03446301	0.04111816	0.04197186	0.04192791	0.0426004	0.04424491	0.07242607	0.07065104
98.6725872	102.691908	105.011312	109.022747	109.487327	110.295245	111.962508	114.364271
0.24264525	0.2511436	0.25627191	0.26161092	0.27041709	0.26947864	0.26766806	0.26405926
0.24472745	0.25266057	0.26071666	0.26644679	0.29770039	0.29700245	0.29037398	0.17362964
7.25907188	7.38096309	8.10818997	8.52001164	8.7277624	8.5424315	8.67698113	8.36464044
48.4381089	50.1527491	52.5320229	55.2400895	56.2290743	56.6045814	57.1117169	56.4987389
0.05895452	0.0575585	0.06535403	0.06825058	0.0704056	0.07283991	0.07466646	0.07558898
2.6973257	3.13958314	3.31892264	3.45567035	3.64909454	3.83214149	3.71032562	3.7990975
211.129178	216.997287	228.857363	226.940736	237.342366	230.220709	230.620988	232.58026

1299.17669	1362.30504	1338.22573	1379.96638	1433.46008	1379.80409	1342.81764	1292.22277
1.16922399	1.21849788	1.29649981	1.34018564	1.49650088	1.51430106	1.27188448	1.22267665
0.04126962	0.04168536	0.04422849	0.04564538	0.04717488	0.04826578	0.05374813	0.05385755
73.3498918	77.7537308	81.12073	81.0632627	84.1691301	84.6456693	72.4805193	75.4053195
13.2149373	13.7956539	14.3123792	14.1614264	14.8590443	15.1085217	14.4936653	14.6602842
82.0239958	96.4943949	104.988327	113.714937	115.252005	111.004805	104.394283	107.682146
20.3062706	22.3922562	23.8313149	25.2113127	26.9044612	28.0525274	29.7503435	30.0729345
66.6043246	74.3927556	77.7963676	80.6776939	84.5128415	90.3343509	97.1729874	103.564686
3.98241577	3.98402016	3.97171488	4.02956344	4.10301152	4.15502302	4.21807301	4.22626718
0.26514895	0.2735316	0.28498568	0.28960955	0.30787603	0.3271589	0.31929889	0.33048919
235.94865	254.781372	247.689156	248.437767	261.314877	274.70657	279.702505	275.562798
36.7806269	38.4230937	39.8491347	42.1952367	43.7198958	45.2042977	46.2729552	46.4665738
51.3825544	51.1768211	51.7947858	52.3459063	52.8493638	52.8394314	53.2447727	53.8199894
61.3819555	67.2346692	66.6358722	73.6547843	73.7729844	74.6034984	64.9173341	62.9149646
1.7591023	1.747775	1.8382618	1.82473591	1.95773463	2.05394174	2.10425384	2.10158499
0.15331278	0.15314684	0.15211318	0.15357065	0.15402954	0.1542571	0.15082121	0.15219335
640.936573	685.645581	668.16651	685.719171	694.5419	671.54914	620.490701	600.365399
0.04513834	0.04640795	0.04650236	0.04619939	0.04561728	0.04563167	0.04539371	0.04524496
16.736494	17.6012291	17.3775763	17.3514177	16.4530083	15.366453	14.499638	14.8640895
809.805288	816.960143	822.324084	820.365756	860.421161	795.570287	775.097023	758.548917
37.0750102	37.5960815	37.9658827	38.8584959	40.0501376	40.9519611	41.3565471	40.9176642
8.39430937	8.50250768	8.87660507	8.64178791	8.6497328	8.68635868	9.34080939	9.05638134
0.07659343	0.07596945	0.07287737	0.06970396	0.09264563	0.1080098	0.10153918	0.11165031
5.54202327	5.6186586	5.69302195	5.75289712	5.89529449	5.93518702	5.97724179	6.27017803
0.47269106	0.47295778	0.4933805	0.50392819	0.50726847	0.50508595	0.57209723	0.6139453
0.7431015	0.75665521	0.76345641	0.77766368	0.76657053	0.79703055	0.83056676	0.83021554
1.10695085	1.2135567	1.18708303	1.1013924	1.13438722	1.16487928	1.33210635	1.64562211
0.11886585	0.12226007	0.12286708	0.15890919	0.15689078	0.16229412	0.17306217	0.17032346
59.7709213	65.0486849	67.2808008	70.2104135	73.6243026	73.8405682	73.3948627	74.9985772
0.05424927	0.05529194	0.05803957	0.05953884	0.05905707	0.05880096	0.06349438	0.06246285
0.05654365	0.05652494	0.05506066	0.05594843	0.05621699	0.05679422	0.05808584	0.05873468
9.95849087	9.62126044	10.4873316	11.0873266	11.8049401	12.2857142	11.9019739	11.5677825
0.14281977	0.13178157	0.14599819	0.14835383	0.15137494	0.1524556	0.14196834	0.17274892
5.69122309	5.24322186	5.64585917	5.27786364	4.74494414	4.94041058	4.87581253	4.70622111
13.6906462	15.6561434	17.8729725	19.0284752	18.1472948	18.7039973	19.9533682	22.3584224
6.64591946	6.78359312	7.04032681	7.11422525	7.30372684	7.51481962	7.53287273	7.56383655
31.7767575	31.1610254	30.6660489	31.717552	33.4775801	30.8563145	32.8781132	33.4104859
6.3779903	6.62819493	6.73463337	6.96084368	7.03689142	7.09361593	7.04551401	7.2438494
105.277412	109.471743	114.340141	123.373951	122.232274	121.123259	120.151133	120.716017
236.967808	244.674682	269.754268	287.21723	292.527418	296.263076	305.866607	296.217753
866.625339	889.059488	907.698833	911.035924	938.455171	962.245013	1010.64626	1033.21692
44.4872894	44.7540067	47.0294044	47.298333	51.7447289	50.8279173	49.9222949	49.8202366
288.005449	320.940867	322.689684	309.291766	250.619442	189.385698	185.003628	231.384049
140.030323	156.455349	149.913774	163.835739	212.660276	173.819436	90.9374151	94.3137786
4.02097958	4.11629342	4.26595939	4.39294869	4.44019798	4.22609043	4.15313601	3.84975237
83.4233643	23.2400289	24.0952207	25.3842453	25.8230914	25.7295843	26.7231668	27.8377625
437.262317	466.683702	455.9826	465.999883	482.78301	484.645666	471.834238	462.293013
8.6545293	7.81987027	8.44333035	8.60678274	8.32598049	8.10217473	8.00628573	7.05375952
4.2148367	4.80314751	4.97970455	5.86722601	6.26736148	7.64766297	8.74167862	9.25846316
1099.86512	1135.94425	1163.92928	1158.24135	1183.96434	1154.37695	1127.67459	1084.91534
317.386699	325.550863	328.588101	342.477711	346.961926	354.779831	338.639145	328.638422

24.8107474	25.2068704	25.9930548	27.6181694	29.4254495	28.0345972	27.8380598	29.5093567
27.741237	28.4536331	29.0261601	30.1644075	30.805001	32.0122283	31.0447984	30.0013352
11.6674266	11.1921617	10.7292999	10.4496211	8.52835057	13.227504	12.6579332	15.8684579
0.03568333	0.03569325	0.03746256	0.03760988	0.03990266	0.04240724	0.04228435	0.04214676
0.06415036	0.06415327	0.06643796	0.06648869	0.06630376	0.06546994	0.06438842	0.06323799
133.897148	143.494036	158.971235	166.827678	184.471359	187.003123	193.528854	192.757564
55.0547391	56.4806734	53.9927522	60.6737494	70.7287799	57.8246875	49.0553155	47.2590231
6.58205152	5.64392843	5.96378351	6.15884246	6.88567501	7.48088462	7.32558994	7.48721881
8.06864001	7.68982754	6.88112764	8.13599464	8.98677705	9.13514925	9.25776918	7.26093596
1.76213145	1.81310923	1.974953	2.01015217	2.2609277	2.22452393	2.04528995	1.99681571
71.6919978	92.9121154	98.5186553	97.5146145	104.807911	96.6735586	70.3524594	73.7221495
0.0890959	0.08694778	0.09262753	0.09458957	0.09609113	0.09746153	0.08932208	0.09832496
17.5954897	18.2723785	20.0304355	21.1357563	20.9583555	21.381373	21.7561533	21.3339494
1.85496383	1.83213628	1.69496051	1.71612627	1.7950819	1.90290557	1.91548299	1.94363934
37.3489366	38.5668703	39.6316951	40.9408183	42.0391914	43.3032719	43.5737566	43.6388304
14.9558697	15.8860137	15.153591	16.3616333	15.551675	14.5718841	12.5809523	11.8170423
21.7106177	22.3947558	22.9235629	23.6995518	24.2653929	24.969136	25.1958034	25.6603488
0.42291437	0.41657969	0.4382813	0.43494323	0.46666355	0.50164664	0.48273043	0.50548447
26.6382183	27.8279743	28.9580488	30.6719517	31.8957508	33.1621496	32.839754	31.5268333
29.3988368	30.2264787	30.8926922	32.0147092	32.7365754	33.9144231	33.8448569	34.2339723
20.7229487	20.6771895	21.5305806	22.7493839	22.8466256	23.5622675	23.4943205	23.6565837
0.03021107	0.03127965	0.03323226	0.03468798	0.03707104	0.03972873	0.04114707	0.04234533
266.464875	281.722113	291.445019	316.653125	332.261224	362.140984	387.434933	410.780055
11.4404955	11.8371527	12.108357	11.796167	12.9685467	12.1309129	12.9592239	11.573491
10.0116376	10.1666242	10.2749499	10.5851826	11.8518829	12.7658998	13.3860749	14.1071413
0.79059937	0.88817207	0.93617372	1.06924751	1.04500453	1.14176052	1.27629238	1.44668772
70.4625542	69.6862242	69.6512458	71.2688467	67.3822685	70.8677624	71.5668848	70.7444424
17.6987048	18.0319714	18.8142578	19.2199816	20.082948	20.9230735	20.0466611	20.9763956
9.15540122	8.99132981	8.86479298	8.51378776	8.46492084	8.94113195	8.72772078	10.090758
4.43978505	4.66400173	4.85476179	4.94879808	5.11766564	5.23017503	5.51617099	5.63757746
0.44131023	0.42566914	0.45166368	0.45466856	0.45615508	0.47056046	0.48058862	0.47375522
1.01022538	1.07601028	1.18263524	1.19403348	1.20376782	1.16036166	1.18058521	1.14482408
2.91849646	3.05855287	3.11869687	3.18938363	3.22893606	3.29663799	3.40229846	3.47206692
38.3841064	41.1792591	41.2383224	46.543148	53.2688471	54.2690955	54.6256434	57.6800648
5.55785734	5.5867877	6.32710173	6.38242827	6.8081024	7.05328296	5.9865324	5.45125103
1.67215991	1.65388407	1.73918083	1.76239974	1.85673838	1.96073402	1.90821989	1.39334582
9.5317982	10.2918786	11.3187205	11.7304099	12.1312189	12.6514368	13.2983986	13.8977745
242.441465	276.555816	271.25409	261.329506	323.688838	298.593505	237.647398	225.389029
9.77585443	10.2499335	11.0510618	10.7909448	9.26516994	8.96756069	9.19137065	9.26997646
194.77873	205.873843	203.861758	209.65302	220.211812	213.172307	211.853785	200.67254
55.1530566	57.8279678	58.9868369	57.816773	61.0927384	59.1318362	55.4522982	51.3587625
26.7302801	26.9687592	27.3632365	27.5533534	27.7271028	28.5479161	28.6098524	28.1061985
60.6193779	62.9399615	63.9367598	63.8526045	61.935076	64.4571456	64.4026421	66.3120142
34.9044429	38.5098935	37.8363014	32.2732937	29.520015	20.7427763	23.3056364	21.6312732
113.984965	115.181926	120.862417	125.77157	130.299469	130.857343	136.039667	142.229575
7.3560117	7.41291329	7.3670158	7.19669019	7.51296965	7.31499089	6.99133564	7.38470028
41.5886757	42.5357575	42.589282	43.627269	45.707703	46.4674263	48.391069	48.3895197
96.1914158	93.9385678	96.5738972	97.9997377	101.793657	96.0073806	93.7157237	92.3630139
2.16682327	2.16696935	2.16702382	2.16707625	2.16701185	2.16680714	2.19955622	2.18395809
2.46329096	2.47506765	2.57220523	2.58234779	2.72203717	2.86459507	2.86399566	2.88747672
578.569209	604.466019	620.054901	655.751566	657.597304	659.068838	599.028155	618.803014

40.2472177	44.0184393	49.2964973	49.8966199	42.7393667	35.3386069	30.6251971	23.8328765
113.210501	120.127682	126.791807	135.430092	144.910618	151.857963	156.11287	162.16532
34.626397	35.8582759	36.511092	38.5161853	41.5616317	42.8306	44.576658	46.9763144
12.5479231	13.7137917	14.594807	14.8577142	14.5873413	14.7898526	15.8959263	16.5925764
0.23821613	0.2367711	0.24890546	0.24902073	0.26445432	0.28377939	0.40680573	0.50220425
29.1478862	29.1552268	26.0114027	28.956753	28.2951793	24.6992076	20.6686277	19.9696276
0.57628936	0.60551299	0.635958	0.61959201	0.68287395	0.66733874	0.66726799	0.6810754
217.068476	233.30136	242.806403	259.638755	265.376258	261.965786	264.687465	262.500203
2112.20602	2188.41127	2236.85329	2373.59569	2407.92425	2476.93603	2473.39786	2511.16139
4.65290999	4.62473352	4.73243533	4.83991168	4.65383575	4.94766351	5.08738678	5.21284463
138.84408	170.774007	183.877341	188.127764	220.748382	262.072302	248.330655	232.5488
55.8042333	57.2418646	59.1329692	62.1801951	64.1624468	63.1826628	71.9052808	76.1815527
45.1120131	45.4694044	45.4022055	46.3900645	49.1820846	52.2535949	54.4916501	58.9132599
363.625445	375.818516	375.763134	377.561292	389.549585	380.524879	353.352773	318.334896
7.98968765	8.16444593	8.32442476	8.51729078	8.61232918	8.30171237	8.39630736	8.49517218
10.2966002	11.1791703	12.3947073	13.9598155	14.9914806	15.0876163	16.256274	16.9182583
0.00548482	0.0051398	0.00676453	0.00652152	0.00687096	0.00711706	0.00586413	0.0057919
0.2055595	0.21667666	0.2319734	0.24137073	0.24795322	0.26676217	0.31405537	0.29302017
3.16757131	3.269547	3.31732302	3.38731655	3.35628853	3.37562087	3.31213771	3.35671057
6.23834986	6.52678735	6.94691022	7.33228607	7.10947451	6.36600578	6.25291562	5.75707933
19.7799533	19.7547569	21.0791038	22.6767803	22.6991629	22.6242307	23.5530681	24.1830642
0.0537443	0.04917287	0.05381556	0.05381604	0.05326206	0.05275877	0.05182567	0.04493613
0.03741057	0.03950262	0.03996039	0.04068148	0.04366095	0.04345091	0.04428241	0.04300457
2.03664818	2.10602291	2.24421316	2.4061583	2.41404712	2.48843432	2.29454183	2.2755099
61.9652789	62.8263844	65.0368023	71.6998702	72.9409112	77.021708	74.9903817	73.2592145
17.1856756	16.7828391	17.8254487	18.6179131	19.460645	19.6504888	17.2521544	17.2465524
104.193203	111.207515	107.220303	101.979001	105.388331	97.803451	90.151376	83.8421392
2.08065481	2.15147932	2.11805626	2.52931016	2.58265181	2.65221108	2.61531121	2.58454881
0.1586031	0.16455858	0.16953161	0.17346625	0.19615293	0.19490744	0.15959012	0.14195685
23.3671937	25.5863673	26.0420595	27.4429721	29.956795	29.9499369	32.2832998	35.2219136
0.00591156	0.00555262	0.00601438	0.00606083	0.00608501	0.00609429	0.00614791	0.00604855
7.5386036	7.67175169	7.90312606	8.47596687	8.95558203	9.34964926	9.72523268	10.5351204
2.02588217	2.00168821	2.14023824	2.22030577	2.27843585	2.17031592	2.19375367	2.46809666
133.692562	136.780271	144.218833	149.928549	148.884007	152.904222	153.544864	151.823264
17.3368618	17.7145951	18.0853413	18.5151294	18.9590795	20.2666638	20.3889177	20.1981727
35.499757	36.4739255	37.7148614	39.9362695	41.1485938	43.3863244	44.3936002	45.4409458
0.67272076	0.60560796	0.53675629	0.4846827	0.40668164	0.37597817	0.38229769	0.40523439
0.091575	0.09833503	0.10812273	0.12574203	0.12915854	0.13433496	0.1602096	0.15050265
8.93924958	10.0696275	10.975067	11.3490258	11.0879934	11.9183028	12.3565459	13.3984856
12.9645421	12.959399	14.055386	14.7577602	15.8899064	17.0773856	17.5297669	17.3947594
128.420377	138.515659	148.175478	148.029232	142.783518	147.53213	150.64656	158.830559
64.2971069	73.5565348	77.9902266	86.122052	89.6389896	96.179967	89.3899704	93.6511906
21.1801043	22.181708	22.6059089	23.280504	23.9579407	24.2502243	25.0880615	25.8635391
12.1165978	12.7011703	12.6517858	13.2323403	13.3824845	12.8387135	12.8224895	13.0570119
735.325453	757.430567	770.906752	817.977389	833.341607	854.385164	843.617272	842.939388
33.3138435	31.7559641	31.4161689	31.7898856	33.4448909	35.5331831	35.7051635	34.8960435
5729.88469	6043.49527	6199.4351	6193.08107	6258.59267	6025.77201	5945.68397	5676.48351
101.26545	102.742404	106.173539	111.072538	114.471591	121.549836	124.763433	128.357263
0.05341069	0.05279322	0.0551689	0.05597765	0.05686544	0.05759698	0.0584996	0.05870254
105.972971	109.716119	112.761889	118.710932	131.389779	139.858623	140.716568	142.113409
0.01967884	0.01923331	0.02024624	0.02007371	0.02006596	0.02042142	0.02509369	0.02399104

90.8185429	89.9195845	93.5291853	92.5668948	92.3333689	93.334933	94.9747039	97.5720374
0.39074242	0.40172593	0.39704091	0.38687396	0.3872103	0.39359483	0.37673459	0.38203449
0.18921137	0.19017249	0.19535215	0.19713263	0.20700226	0.21806455	0.22160951	0.24003672
6.50204516	6.81670932	6.93834492	7.27306011	7.55109094	8.51610121	8.63933154	9.22240425
294.291848	310.314306	312.548961	292.149755	302.001527	317.66368	334.190245	343.264295
14.269532	14.6997196	14.4457278	14.2676781	14.0669846	14.1314287	14.1038114	14.575053
22.9664571	24.0950556	23.3025973	22.2800134	21.6563766	21.9372064	21.857638	22.1904226
4858.72374	5122.75944	5111.49164	5280.78499	5440.06404	5351.3981	5145.47793	5059.10347
26194.5037	27323.8589	27990.6483	28695.046	29385.1067	29094.8284	28567.5903	28355.7477

1983	1984	1985	1986	1987	1988	1989	1990
0.09852305	0.11314538	0.11878901	0.12851799	0.14345162	0.15762778	0.21286653	0.21998157
15.4534452	14.3839402	14.3056007	12.6001536	12.5036628	12.7540596	12.3554652	12.5616005
26.9128361	27.7471416	29.3994633	30.8001551	32.6666959	34.9144739	35.2817678	31.9400369
0.00768362	0.00736983	0.005151	0.0046625	0.00776703	0.00748748	0.00789268	0.00790261
214.947404	222.984784	229.083765	251.599856	265.981316	281.007448	295.123401	264.256683
13.0953449	13.4092627	12.9721691	13.1967523	13.4841795	13.37958	13.2921678	11.4931457
7.17624613	7.00045118	4.68539517	4.47354496	4.15288647	3.64504099	3.13279859	2.84333102
49.7861573	62.9985592	65.1372262	65.1303656	68.7218909	68.1353417	77.1241628	79.4953947
248.648778	249.887588	241.527868	247.341699	251.477246	259.995949	259.167625	253.796436
21.5280133	21.5735689	21.6327938	21.8656718	22.1188964	22.0493377	21.6583406	24.3124438
0.16765354	0.18706371	0.19127828	0.19722744	0.23270589	0.24426106	0.24397974	0.24629032
374.50642	386.645408	402.600876	407.69388	418.639832	427.446013	450.811428	460.295937
75.9107361	78.379153	79.7632672	78.19529	78.3097985	77.0958773	76.3730094	80.4571989
54.0988455	55.0305379	55.8856287	56.9582582	58.0381338	57.8543904	57.9320955	67.8419504
2.00419805	2.07882203	2.03192326	2.228749	2.27096361	2.39455674	2.44120356	2.89223017
137.567733	141.668271	139.116363	138.819982	137.901752	138.292013	139.15884	140.549552
3.69792174	3.78419344	3.99791512	3.73914112	3.71417374	3.68148209	3.67500127	3.85695488
8.08815407	8.29128037	9.22561929	9.5726007	9.94249868	10.2312944	10.4635656	11.2330136
118.897441	121.913192	124.138382	126.76372	125.654197	126.222396	129.902093	130.095291
118.693298	116.69749	118.181362	119.201741	119.27591	118.569767	116.658594	103.438897
24.2822082	24.4218893	25.3381992	27.7145736	27.112452	28.0993586	28.3324054	29.0664867
0.993766	0.98436566	0.89632145	0.93608798	1.07801748	1.10258749	1.26438288	1.30693867
25.6747601	26.7088099	27.7768308	28.6230551	27.0439667	27.2212428	27.538503	32.8078851
137.374196	137.267113	137.427878	137.874738	138.763354	136.575849	133.340531	139.922094
0.37381513	0.36592884	0.36384941	0.38741285	0.37586234	0.36779602	0.41559075	0.47253512
0.18353172	0.19687131	0.19244594	0.18879028	0.27607445	0.32028482	0.39316024	0.2818561
30.2414714	28.6778766	28.9057984	26.537493	27.6395397	28.3787031	29.9964917	29.6213784
566.261259	587.000684	605.633033	637.954686	655.598303	670.553697	680.623174	671.576274
0.60830567	0.70484284	0.76652538	0.7967924	0.75387923	0.76584938	0.84613998	0.85993236
5.72932528	5.55001397	5.40611785	5.19358708	5.22883506	5.54055989	5.4912187	5.89341346
0.95027107	0.96803186	1.01225174	1.0381133	1.11391228	1.03512425	1.04371386	1.25368656
7.04413853	6.79342367	6.50270378	6.67668335	6.78826285	7.74376523	8.18636761	9.18351588
6.6503144	6.22708821	6.39097431	6.93693933	6.82102606	6.62975913	7.40375304	7.54839224
540.311033	561.631267	557.193507	543.558231	559.569363	593.695634	615.906136	581.912826
53.3727339	52.9419977	56.0799424	56.0009921	54.2053978	54.0930351	53.9392949	54.6661526
49.3277908	50.3944036	48.3324536	48.1378839	48.6914913	53.1424153	58.5038911	58.1854423
2998.79743	3181.09331	3187.60113	3322.84228	3502.53593	3687.88221	3806.16789	3876.38777
11.0322408	10.9143145	10.8506362	10.8230353	10.7647851	10.703697	10.3281968	10.2748441
22.839875	25.5778853	29.7822751	30.2278072	30.103829	27.5699067	30.2017611	29.8463375
22.3978618	24.9116978	23.6936633	24.389064	25.467678	26.2622221	24.6986917	25.45869
7.48455532	8.98022092	8.80350601	8.71689492	9.34285625	10.2187707	10.8633854	10.8563813
0.06912183	0.06178932	0.06646681	0.04627314	0.05161371	0.05225536	0.05053059	0.05222275
115.322205	115.111437	117.193338	120.049773	124.871346	127.050107	131.27584	134.681262
0.26340204	0.26582036	0.26124888	0.24817376	0.28055287	0.28129106	0.28440758	0.32963801
0.17011608	0.1866101	0.19281077	0.1281752	0.15457674	0.17923481	0.19295984	0.21345325
8.621069	8.83853099	8.73798693	8.83351477	8.99788418	9.09802654	9.42296866	9.62895967
58.7421941	61.7519026	58.9563573	59.7333962	62.5199383	64.1625075	65.7685215	61.8900448
0.08447128	0.08452748	0.08741363	0.0960698	0.10673561	0.11982226	0.12269159	0.12907792
3.80069463	3.88095253	3.83908829	4.19880752	4.79035248	4.85911451	5.11083466	5.41739057
233.680507	236.946324	233.756019	232.255567	231.938979	228.020836	220.079318	199.978504



1305.13238	1322.20044	1322.38816	1311.06289	1299.42507	1291.55671	1278.61441	1235.87348
1.13173024	1.04145818	1.07461999	1.07092475	1.31338407	1.29282689	1.99370863	1.84427617
0.05427509	0.05715653	0.05962271	0.0601174	0.07165849	0.07559096	0.07904333	0.07949217
73.2847206	72.3360792	79.8269238	80.8294931	78.3419898	73.8867627	68.7512658	69.0478882
16.1506746	16.5582547	15.4509811	16.2233331	17.7511228	17.7185019	18.7592679	17.2761383
110.421165	115.781232	126.691531	131.699085	129.822238	130.013502	133.115262	135.530354
29.5312971	31.8121885	33.3647588	34.8302421	31.972592	36.5878193	36.4751778	37.9784246
111.063107	119.840643	125.007443	127.699839	136.509996	137.695997	143.989858	147.661971
4.34153077	4.24625798	4.35192681	4.44265949	4.40030338	4.46722795	4.60266138	4.67501342
0.33448441	0.33780789	0.35834055	0.36770474	0.4138111	0.40732761	0.39895971	0.40359852
277.690177	268.768258	261.746258	267.026012	265.397088	273.279318	292.749396	297.736276
46.2997899	45.3076411	44.5237377	43.5327255	42.9470996	40.939943	37.6661683	44.4631687
55.4731971	53.9260038	56.3014435	59.6281589	57.3360054	58.1228137	61.1047929	62.8502648
61.9074329	62.196198	66.2546231	66.4415891	71.0525093	69.5034058	69.4053508	72.2230034
1.90625884	1.80773706	1.93545306	1.99542542	1.93069041	1.9381727	2.07773701	2.20887637
0.15396009	0.15594259	0.15878891	0.16021889	0.15488588	0.16124083	0.17311169	0.16478733
584.589181	572.478594	556.861209	543.940636	533.832829	530.916144	539.043086	533.013807
0.0455435	0.04562449	0.04543945	0.04541999	0.0459586	0.04605354	0.04614671	0.04648755
14.4062669	15.7775068	17.0662621	14.5832049	13.5835458	14.1890537	17.3197221	20.3976122
751.474375	707.277572	749.646949	773.06286	773.003479	769.644843	753.514909	760.608474
40.3467981	40.176772	39.7767464	39.4308949	39.9312485	39.4064146	38.1996491	41.8708647
7.45062478	8.00383514	8.6035867	9.27893344	9.67656511	9.79399569	10.5751616	10.3828403
0.10199029	0.09864241	0.10490798	0.13098222	0.14277477	0.15843166	0.15173288	0.15805425
6.43307171	6.42871368	6.2679542	6.00597231	6.67242059	6.89667105	7.13784743	7.79964433
0.64959843	0.71010938	0.69204507	0.69087503	0.75729975	0.83814613	0.88673257	0.93271005
0.7804162	0.75834067	0.78944166	0.8115142	0.91242523	0.92737781	0.90969345	0.94891345
1.55312607	1.47456407	1.30461272	1.30659384	1.41909024	1.44217472	1.5190194	1.65584843
0.14444085	0.15614008	0.14792444	0.15614439	0.17648018	0.17486495	0.19161131	0.1849578
78.6625223	80.6543903	84.1295818	83.6875055	88.7449116	93.6946828	98.3037469	99.0559256
0.06221084	0.06380786	0.06305042	0.06598896	0.07257892	0.07568001	0.07634177	0.09275658
0.05893888	0.05903209	0.05955269	0.0598665	0.06025974	0.06062707	0.06099044	0.06131998
11.4186587	11.7370871	12.0555904	11.7247439	12.1621259	12.2960498	12.7276939	13.1030641
0.21916317	0.19405358	0.18281957	0.2301264	0.28787608	0.28541563	0.32254344	0.3661272
4.30531966	4.58391173	4.33632394	4.29613551	4.22264325	4.25463397	3.99740538	3.76062864
25.9337134	28.4679732	29.6237414	33.5975548	33.6626599	37.3098721	38.3572591	39.1961242
8.6291085	8.99333322	8.7627733	8.74079645	8.94240518	9.02324283	9.21207762	9.12398109
36.5349654	37.8995193	38.5292391	40.9059397	40.1492675	43.0351487	41.345583	33.4483142
7.40100968	7.46493482	7.42687008	7.32042952	7.30294618	7.32906679	7.27553316	7.32550164
116.816853	118.381382	117.41402	114.72776	116.015625	110.673498	107.349268	96.7496691
303.821174	316.396585	323.541877	339.563161	340.737952	352.448193	364.113636	397.098829
1081.53722	1134.03483	1162.68624	1223.96784	1256.42277	1323.81281	1379.99328	1383.06384
49.9269374	50.209421	51.9252769	53.1345384	54.4119185	53.6074594	55.2508086	57.2501911
255.676835	248.539896	262.532046	247.485673	264.078742	265.863932	295.565787	332.715686
97.7338153	112.23859	129.46995	147.516489	164.51994	195.77256	212.124636	172.019436
3.9066159	4.19803992	4.00887704	4.05802099	4.19530245	4.31119303	4.41992557	4.41188846
28.8250419	29.8260547	31.6110616	34.0395911	36.76982	38.950115	40.3045086	41.8133341
454.930559	464.017897	464.467721	467.336564	493.05698	493.680315	510.761714	511.706579
7.21745093	6.86803128	6.21760186	6.07623882	6.25163584	6.4628093	7.89677765	9.19765521
10.521744	11.4261655	11.7783149	12.3772408	13.7651789	13.4560937	11.4559413	12.1358597
1088.61709	1161.63614	1133.87753	1129.46029	1131.86944	1206.17977	1236.83549	1317.21796
323.576274	320.303204	309.022992	310.546744	326.246676	333.87775	332.834604	347.015699

31.645424	33.2103291	33.166791	34.359233	34.6803843	36.4869822	37.8914412	38.3501709
29.0009747	28.2135471	27.6935701	27.6616965	29.5175505	30.1574147	30.2278629	33.3716959
15.9607582	12.2172194	15.5132133	16.2909718	15.6701898	18.4900447	19.3348748	19.7101163
0.04208563	0.02647257	0.02817381	0.02704441	0.03170721	0.03209612	0.03178857	0.03339663
0.0614037	0.06336206	0.06259949	0.06016183	0.0607697	0.06290105	0.06229541	0.05987501
208.4397	231.425963	241.897736	250.8585	256.343483	282.387417	293.478369	325.074923
53.2292279	55.5398246	59.0330895	65.5595059	70.763544	81.2457053	94.8629224	50.5433572
7.21539292	7.2225166	7.23865005	7.28146919	6.98911162	6.98496738	7.3923331	8.02410442
7.6346611	7.79250129	8.81217754	9.2278366	9.41255962	7.63390672	7.71866327	7.76166147
2.08886387	1.98036759	1.99665168	1.8583888	1.91113335	2.18775156	1.93840311	1.71075075
70.6148881	70.6775271	67.8661747	70.452237	67.8419774	75.8697884	74.7780178	87.0552371
0.09531262	0.10114642	0.11181809	0.11496833	0.12298615	0.14333485	0.14623275	0.14706262
21.7530868	22.4591779	21.8151477	21.3559234	20.4719979	21.4409493	19.9842257	21.0923237
1.91153188	1.88997554	1.97052195	1.99887555	2.29435364	2.21745837	2.15101086	2.12029351
43.8944591	44.657187	44.6536539	45.1540542	45.6013678	45.3908123	45.0058586	46.7085787
11.0409247	12.0967395	12.2267373	11.9530565	11.3521914	11.8181422	12.6301382	12.916228
26.0035165	26.2192058	26.3594823	26.7542476	27.1343511	26.9758303	26.6800441	27.0814699
0.68623056	0.66747258	0.6095473	0.7517285	0.92140789	0.90112084	0.9230681	1.0069612
33.2273771	33.1934192	34.9720559	36.893697	38.5143068	39.1803953	41.4793154	42.4615293
34.5463636	34.8855404	35.1582807	36.0248994	36.8361975	37.0350232	36.9488036	37.3843518
23.6426698	23.892344	23.5867346	23.6324346	23.3970067	23.5398758	23.4897359	23.9213382
0.04402311	0.08275643	0.09010464	0.09122727	0.10011674	0.11605718	0.11359937	0.13574779
396.299712	402.838056	416.404564	413.813035	426.081722	424.787556	443.720625	440.315011
11.0140903	12.4828044	12.9565422	13.194834	12.8247847	12.9581453	13.1220646	14.404867
12.5669711	11.2057502	10.5634682	10.7987177	11.0545075	11.620824	12.0925193	12.5782119
1.10892895	1.47585436	1.3069994	2.03514984	2.12977303	2.30688066	2.49183556	2.49054808
71.5775801	71.7760577	73.018853	72.7910883	69.5033179	69.3481895	68.2621042	67.3613381
21.4139074	21.7953442	23.3960503	24.6239379	25.685524	26.6988278	26.0666779	25.7366589
9.93801892	9.02987606	9.4986897	9.30061472	8.90207794	8.64982495	9.02068513	8.84093715
5.16582106	5.13014156	5.40124637	5.29443291	5.75257612	6.10113993	6.3930951	6.64900999
0.45503771	0.44873858	0.4975693	0.51853041	0.56854595	0.67009784	0.84018541	0.89895968
1.21869693	1.27050488	1.24396594	1.40633508	1.47319057	1.55677385	1.68440894	1.84300643
3.49746876	3.59312245	3.84187021	3.90181682	4.16845656	3.82888288	3.95410486	5.87227238
63.9700626	67.1395685	67.0438137	69.0423638	70.1402198	74.114689	83.7799675	92.3360357
5.37578155	5.45688297	5.55494123	5.94224164	6.3143596	6.66456004	6.63144441	6.55344369
1.34067255	1.41185383	1.7886799	1.73218852	1.87294798	1.84393096	1.94197016	1.92858369
14.6312787	10.6624289	9.21264018	9.52547127	9.81377653	10.1686949	10.5504217	10.7630789
222.859631	235.375111	247.717467	245.002501	232.676997	252.33882	278.042543	278.306897
9.07882751	9.25418079	9.34565652	9.22800836	8.71597867	8.92532173	9.27455948	10.1389826
196.995846	204.371628	208.519697	211.444128	215.9498	215.331836	218.085797	223.18571
51.46355	54.1228395	54.7104866	56.4484865	54.8801106	56.3437991	54.8810182	54.6714678
29.207212	29.6490516	29.4984258	29.2238693	30.0611034	30.3026739	29.9718958	30.4030959
66.5314605	67.642371	68.6271983	69.1013135	68.5190652	70.336016	69.1698656	71.269285
24.7136808	23.6097996	23.0419624	26.4483818	26.7186042	28.915432	29.4392772	34.959498
146.169246	150.14443	157.267004	171.839011	179.730042	187.283446	195.986584	201.491844
7.8735383	7.24422399	7.04443527	7.13716757	7.42892332	6.71658183	6.88068836	7.04598986
43.9572615	45.8288793	44.5966632	46.5056979	48.9130592	48.9655855	45.7189384	44.6547793
94.1821884	90.1904629	91.2979476	89.8420549	95.0334587	97.9548964	100.17586	101.191191
2.26758429	2.50751364	2.0296432	2.21269649	2.31977386	2.22063363	2.31880798	2.34363413
2.90593543	3.00675752	3.14549152	3.04083216	3.46417298	3.32895876	3.23412881	4.06536561
619.875853	632.189823	639.160241	645.556443	658.23557	645.197178	614.046179	512.853338

24.3534651	22.1517058	19.7037215	23.9659889	21.5707705	24.9343678	26.1122503	21.7467881
167.619251	173.054515	178.605564	176.450377	170.798239	174.266189	174.375819	167.646279
45.7475337	44.010155	42.6759092	47.1697055	47.1236772	48.0243327	56.9751617	58.5191023
17.0512132	17.7794326	18.341446	18.7050144	19.4725105	20.4461041	20.6202137	20.8046624
0.638613	0.83622081	0.8100788	0.88592064	0.99551728	0.98910662	0.96265111	0.94782889
18.0138926	25.1597821	22.3743086	23.3999818	23.2580667	24.6841691	26.2466552	26.2866404
0.80251634	0.85582038	0.85433209	0.86916625	1.22098666	1.30334888	1.2745364	1.15747643
265.245345	265.448362	265.347844	267.756557	275.572343	279.453502	275.887117	241.355139
2559.09153	2608.57263	2654.6992	2731.57463	2803.74078	2860.96432	2874.96235	3065.69636
5.35573813	5.45954282	5.62881034	5.6786667	5.81100443	5.95409666	6.16476324	5.57173544
223.730894	181.704044	174.544021	185.737632	193.852299	212.114701	214.00262	236.53829
79.6972016	82.2428313	85.0361061	87.2764453	83.7262454	83.3053606	81.8466382	85.3299152
58.567718	59.4256803	60.8078728	57.5017079	56.1525291	57.8803933	58.265657	60.6151323
298.322096	302.367848	325.339826	346.132633	342.594572	359.556464	359.722047	395.335184
8.1873355	8.38604881	8.87874782	9.12610704	9.46328959	9.45564679	9.72598461	9.94485992
18.2647905	19.7490397	20.6114882	21.0127915	21.4278249	23.8688206	25.2436986	33.7562936
0.00691015	0.00608458	0.00638879	0.00671161	0.00818474	0.00887043	0.00897986	0.01330626
0.30101488	0.28633971	0.28600376	0.25739972	0.26045545	0.29104149	0.28699091	0.30674037
3.25912591	3.0259353	3.14616621	3.21369565	3.56909429	3.64789141	3.58216685	4.02196751
5.8848389	5.8025905	6.24550045	6.19314587	6.80359386	6.87365561	6.90672978	7.20280206
23.5668243	23.9507235	24.7409564	25.1014299	26.0331939	27.0536023	26.8768691	25.5716725
0.0484294	0.0533551	0.04907368	0.06120511	0.08058391	0.08668195	0.10623613	0.09841188
0.0455827	0.04592559	0.04624233	0.04961966	0.05961263	0.05764645	0.05607667	0.08234882
2.08531027	1.92154093	2.04081204	2.04677116	1.73578944	1.81939963	2.01627638	2.33078691
73.2246494	75.5988763	75.1575553	72.5361256	74.173802	75.5772392	75.1332655	75.2428181
19.8769441	20.2938884	19.8807454	19.7173689	19.2984701	23.6027105	22.3443216	21.4271663
78.1759831	77.8958436	81.6656137	82.5921562	80.2460238	78.1680851	75.4120578	75.0942163
2.43835018	2.446362	2.59191649	2.69481978	2.69243624	2.73094627	2.82337939	3.21916045
0.23243758	0.23594714	0.24586845	0.24376731	0.34210728	0.45034965	0.4333785	0.31697818
39.6723038	42.3732732	40.143914	42.106941	50.9447955	52.9228701	55.9392893	63.4083946
0.00615381	0.00679291	0.00702574	0.00739637	0.00785537	0.00846337	0.00882221	0.00916989
10.9470811	11.0552857	11.4650011	12.5290761	13.4793326	14.3634925	15.4368051	17.1555045
2.23895249	2.35467611	2.40895915	2.7182207	2.85373901	3.08900833	3.10519144	3.30660377
158.413754	164.263906	170.998298	169.299214	177.121528	191.385419	205.048149	217.046031
20.6892419	20.9214283	21.6272032	22.3235178	22.8204416	23.0495965	23.2210133	22.0113855
46.6351862	48.0780405	49.303972	50.8961596	52.3342835	53.4177428	53.8735754	61.3060718
0.42729558	0.45933339	0.4665766	0.47292644	0.47583995	0.45079081	0.47568579	0.51872534
0.13490306	0.12222263	0.13955953	0.12348073	0.16918251	0.19231708	0.19798557	0.19465372
14.0759595	14.7628432	15.1308542	14.8758097	15.1669024	15.9466066	15.9705191	15.9016765
19.1231093	19.8453661	20.3417138	20.5788051	20.8956287	21.6153374	22.7599216	23.2196856
162.711251	169.162646	173.405097	185.693594	198.355552	193.671596	208.132667	221.694398
97.9389178	100.499608	99.6376718	111.321844	116.061625	133.202828	143.438173	146.683873
26.2458108	25.4244548	25.9723479	26.6884795	27.5348213	27.8640717	28.1598631	28.6549473
13.2571584	13.6225403	13.9245536	14.4253859	12.6321502	13.3872369	13.9181911	15.0965848
846.063101	851.748565	854.786161	872.372372	896.575038	902.40808	899.480584	968.526736
30.6390881	28.9755718	29.4898286	29.6518671	31.457904	33.5341376	32.1993097	29.2531927
5645.19106	5872.81768	5881.12097	5832.45811	5991.39451	6227.04561	6291.06055	6209.29471
132.507534	136.960569	141.179414	146.085079	151.009819	153.487703	154.423343	164.503692
0.05976143	0.06396844	0.06448036	0.06237342	0.05962048	0.06696272	0.07615484	0.07708038
139.998356	145.03857	143.559878	146.310993	152.339231	150.837283	157.904467	163.323762
0.02378078	0.02051523	0.02039245	0.01639562	0.02711926	0.02862811	0.0291936	0.02902693

98.7459662	98.8696633	99.812097	102.141149	103.506449	105.150658	103.383818	104.423095
0.38825032	0.37909948	0.41397426	0.4027741	0.41437416	0.44551399	0.43968771	0.47236451
0.24078795	0.25842273	0.25304965	0.24025855	0.26494366	0.26634515	0.2887227	0.29548919
9.78870513	10.0083244	10.4687582	11.0908476	11.9962461	15.7861715	16.5838022	17.5054949
346.564067	367.678996	373.123606	371.207093	388.295029	394.045614	392.805227	406.996325
14.3353949	14.0273686	14.668206	15.0254174	15.1187842	15.5109973	15.8306382	15.4817877
22.0939865	22.6785299	24.8155191	27.1115176	31.0758726	30.743815	31.1324131	34.3480322
5036.61847	5076.27957	5079.67733	5077.96604	5112.40945	5093.45754	5081.31317	4877.28415
28582.5835	29372.7891	29672.2727	30150.5987	30886.5427	31835.6184	32401.592	32726.228

1991	1992	1993	1994	1995	1996	1997	1998
0.24653319	0.27167658	0.27322841	0.30873784	0.33840011	0.22926975	0.36843809	0.37750355
12.6234017	11.6442338	11.7457712	11.7686915	11.9884916	13.2248518	14.2477977	15.0742578
31.674202	30.5778632	34.5022588	45.4482581	52.6022429	63.3723676	66.063073	71.1851609
0.00946275	0.00983813	0.01197357	0.01528772	0.01873137	0.01858445	0.01587844	0.01474692
257.146247	265.707959	270.905904	284.824178	295.656835	307.741319	322.575628	333.359254
9.0360462	6.15217732	6.1897805	6.88716538	6.52947626	6.2626358	5.5099795	5.76990875
2.94597664	3.0799086	2.55701071	2.86536725	2.87219211	2.90227957	5.52338051	5.71271189
87.8799604	87.414842	94.0481433	98.9373795	103.982909	109.083916	110.871447	111.941594
257.665403	259.695997	261.606709	267.220701	269.883502	277.070018	281.861091	285.602352
24.9293513	14.0136737	7.72028704	5.34053493	6.02461249	5.0675673	5.76946454	5.80086738
0.24793484	0.24963742	0.24676128	0.26342438	0.27247044	0.27096814	0.28279963	0.28838139
463.040597	464.848633	467.687999	473.383278	481.447309	494.812504	507.895572	530.540046
84.6020571	79.0535782	79.0251032	79.3217746	82.17489	86.1518762	85.3395457	85.4676812
65.9940267	55.3659034	48.9787823	43.4409755	42.6123188	37.2697247	36.6277765	37.0992243
3.02614882	2.97618359	3.0195206	3.0014146	3.11520978	3.2274107	3.29026181	3.25899617
144.485999	142.185099	140.25805	147.58599	148.485143	153.82842	150.139099	153.80042
3.94814988	4.05336781	4.07387801	4.40645952	4.18911238	5.1336326	5.41945728	5.43880385
11.8224846	11.9411096	12.2219574	12.6082112	13.0106572	13.3970862	13.9255637	14.3227955
128.132304	129.381175	128.737106	130.667192	135.880051	137.447816	139.191256	138.576224
86.1790383	81.3851379	80.0689014	76.2881825	77.0111024	77.475417	74.5161046	71.4694906
28.6158513	32.827132	34.930553	34.876795	34.7378896	36.0569886	33.4509486	34.9708245
1.20179497	1.06684866	1.09423347	1.19424461	1.35623012	1.49587998	1.51019709	1.71128457
29.7280534	22.8146282	19.5080426	6.49226822	6.50638377	7.2000686	12.5003562	15.6580315
135.051694	123.326792	109.124671	95.5352891	86.7889404	86.9665353	86.927041	85.3071735
0.49043392	0.48606214	0.46958218	0.47219202	0.45562621	0.43952309	0.53413995	0.55227878
0.25670786	0.20780064	0.22923311	0.22732725	0.22847177	0.23247214	0.23833162	0.24376485
31.4070724	32.7298416	34.9007238	36.9459316	29.2141659	29.057601	33.4364512	30.7718501
699.246525	720.559072	746.294709	776.023637	813.585008	819.951913	845.616617	862.033955
0.82813658	0.81580696	0.7768749	0.76420698	0.77666693	0.77035723	0.86691898	0.93409223
6.42017977	6.63251	6.95187881	7.08457174	7.36672222	7.73463004	8.24372155	7.71179913
1.16327031	1.11813719	1.1390867	1.20186109	1.36141499	1.38327585	1.38808018	1.39823318
8.20893383	8.46212979	8.20548	8.33390499	9.36212662	8.4416844	8.70717065	9.55642956
8.04826479	8.03098477	7.50123411	8.14442198	8.35388429	8.70235146	7.83348173	9.12543435
576.849318	593.122925	597.097005	622.796858	637.844639	654.643771	667.201558	675.870899
56.9257357	56.6331314	53.97389	52.8808862	53.6784153	54.221479	52.7708093	54.2774421
56.8157696	58.7130278	61.241539	65.0076075	70.1504437	77.3018349	84.0058743	84.5373486
4011.15928	4130.22624	4332.05538	4518.78259	4932.42324	4948.02191	4975.08872	5071.24482
10.6031702	10.7330939	10.8765846	11.7798556	12.3795644	13.6523328	14.9392749	14.6621984
29.0536716	28.0173069	27.2517953	26.4320232	27.0182328	28.2664557	27.7731595	28.4104042
23.3325664	23.8245195	24.8987907	24.105197	24.3692488	25.2542653	24.4159905	24.85612
10.7402428	10.8158491	11.1567607	9.77124113	12.0970656	15.6316187	16.2852833	19.5507151
0.04009909	0.05832094	0.06016552	0.06250139	0.05817667	0.05911336	0.06089656	0.06293691
135.953839	139.85022	144.164456	145.370572	150.533041	150.485391	157.739137	160.390899
0.30468196	0.30140274	0.30674153	0.31221217	0.32230147	0.33264303	0.33804246	0.35923883
0.23759658	0.26588259	0.26905671	0.26594586	0.29492662	0.28344935	0.29927487	0.31945355
9.91957923	11.1205213	11.1471799	11.558521	11.0337672	10.9493702	10.9508982	11.5033744
52.5639812	45.948759	41.6848591	43.0293312	43.873452	47.009642	49.3464978	48.1407041
0.12725527	0.13009799	0.12163859	0.14241784	0.1492443	0.14875859	0.15309973	0.15747125
5.95318289	6.35588782	6.6393846	6.91398483	6.80227077	7.19385365	7.26786653	7.59191983
180.408728	172.616083	166.189774	158.460737	157.463513	162.519964	158.908401	152.467449

1210.58723	1147.19624	1133.76375	1119.90648	1111.86798	1139.16716	1100.87192	1080.85821
2.11091074	1.95182846	1.96954216	2.0008307	2.07793935	2.14699649	2.17377989	2.21518063
0.07927237	0.07949427	0.0970261	0.10976437	0.11762738	0.12359574	0.12205881	0.09532005
79.7602653	73.7551703	76.3830705	80.1648233	77.1430779	90.6032092	80.6868259	76.6435633
18.1142797	19.1080329	19.3367859	20.9526869	21.786427	22.9719683	24.8654873	26.997005
136.431716	146.645393	149.721544	148.263302	156.545235	155.709303	146.300928	145.568744
38.4483581	41.3270684	42.4376345	44.6802549	47.4614504	51.7282841	53.0391613	50.6961025
156.941296	159.355809	160.551108	155.536198	164.876564	174.417393	180.979637	184.613832
4.77398647	5.03520879	4.25337491	4.4641249	4.58730453	5.06735785	5.46033529	5.20770777
0.44073721	0.42376918	0.41752227	0.42235664	0.45156038	0.46078016	0.4748506	0.48270627
305.665243	313.704467	298.880855	311.544073	327.354088	320.994192	344.143762	353.605761
40.8587651	30.4653708	25.2165567	25.4745381	23.3633332	24.3591825	23.8355976	21.9225526
63.5411138	65.2552428	60.1765482	62.602653	63.5847529	66.8428823	69.1723764	73.9856538
72.588795	69.2984161	70.7450153	77.7959564	74.4406743	80.7079777	78.7700713	76.0483197
2.10164246	2.23531531	2.39018627	2.49544357	2.52953162	2.58918274	2.62351046	2.5942074
0.16293705	0.15725495	0.15733675	0.16127552	0.16564083	0.15185307	0.16217008	0.15461104
563.84584	549.143251	526.672194	521.154542	531.787138	549.805324	535.947818	548.165656
0.04618265	0.04595228	0.04605425	0.04605381	0.04586941	0.04574896	0.04584601	0.04570443
19.5751785	20.8628517	21.5032806	21.0689681	23.5552567	26.5385046	24.5106972	28.4927464
771.971235	753.808456	733.707817	721.159993	719.37412	739.192592	717.89934	707.881623
33.6350515	27.4612458	22.8689565	16.5679746	13.9915395	12.6942816	11.9695579	11.3222352
10.6668929	11.1651749	11.4435023	11.8326787	12.2283092	12.8712171	13.2434017	14.9755377
0.21789785	0.2566318	0.25978246	0.30453904	0.29816415	0.30444766	0.31402002	0.32987336
8.11033836	7.69959807	8.023585	8.47656396	8.73991807	9.73421605	9.0828626	9.45252271
0.98356813	0.93201295	0.976431	1.01843738	0.99846664	1.03061836	1.07286371	1.08273585
1.01246642	0.98975574	0.99525576	1.0443579	1.05792291	1.07525692	1.07028549	1.09956987
1.72693713	1.72305576	1.74674572	1.7730789	1.83059436	1.85317521	1.85755014	1.88111842
0.19205969	0.19435309	0.21185296	2.81982317	3.21120558	5.33060436	7.63684836	9.47881339
98.8493829	100.732207	100.729546	103.235617	107.554363	108.470114	109.68235	113.799557
0.09322062	0.09524985	0.10241279	0.11330905	0.10699153	0.11162746	0.13692175	0.12588838
0.06126613	0.0612612	0.06113889	0.06091751	0.06078253	0.06068519	0.06046432	0.06036807
13.6921845	14.8550775	15.8550944	16.2311326	17.4446868	17.4406176	18.0765374	19.982601
0.41862119	0.35841381	0.43887156	0.41545282	0.46246401	0.48845923	0.50526857	0.54796159
3.95065952	3.99776484	4.18282634	4.44838315	4.8233281	4.87161492	5.05833446	4.94931056
42.8314128	47.8855697	48.909843	42.5667319	43.034393	40.4500887	38.8060839	47.2277788
9.22447178	9.555005	9.3153847	10.1748056	10.5740496	10.9155835	11.0470462	11.5584102
25.7834616	23.0851299	22.9791832	22.0521114	22.5902135	23.4026432	24.6388704	24.5016856
7.52444635	7.91641492	7.63932914	7.18784095	7.99394424	8.27454954	8.78776398	8.9796661
90.4358485	80.0391961	80.8409219	80.4804602	79.653486	82.0767197	80.5821891	79.9523207
415.915792	435.41576	452.584578	469.853945	500.409289	524.049104	547.17341	545.827964
1439.7757	1470.61956	1501.71187	1554.56075	1616.60906	1662.76977	1717.44164	1746.49876
57.8106726	57.865383	58.5914532	60.0608123	60.8098333	62.3564071	63.8300996	66.6008869
377.442111	401.453365	399.853561	438.842241	439.543034	457.85348	471.381788	456.524757
78.7441344	106.993123	136.830206	148.845014	149.026657	138.537061	177.628695	159.284709
4.37972436	3.28889435	3.4086543	3.54210705	3.36182948	3.66033264	3.59384924	3.74692149
42.5840303	45.3838884	49.3779151	52.9579234	56.3854074	59.7431465	61.6447728	62.7848899
509.534405	505.275746	497.943181	493.339875	519.317964	515.347829	519.54273	529.262104
9.18494574	9.98578396	10.1518307	10.2004608	10.5470927	10.8844707	11.0723805	11.5876374
12.4542082	14.5877397	15.1688602	15.7077114	16.6762595	17.025274	17.5727729	17.8859736
1331.66891	1341.4583	1338.64859	1399.78619	1418.34915	1431.90914	1413.10428	1357.13639
353.179392	357.546431	312.166368	278.634029	242.175331	213.194349	186.030257	185.572729

37.4862186	37.9030144	38.2843731	38.8650512	39.4988687	38.6734945	38.6112222	39.580658
30.6326028	22.6456271	18.2624796	13.7514918	10.5519833	11.3576524	11.733291	12.1029462
19.0533155	19.4197629	20.1611707	18.2367101	22.5551645	22.4326325	22.8286968	22.880777
0.03381263	0.03560743	0.0360629	0.03678456	0.03506433	0.03566305	0.03655593	0.03755036
0.06684861	0.06817369	0.07318404	0.07976177	0.07345389	0.07983994	0.08330633	0.08397752
354.746218	375.423909	400.165619	429.440835	463.617967	493.758199	522.914008	449.264791
45.8536455	45.9436609	64.3038145	72.9425818	70.7880841	71.2694071	75.9413923	77.1964534
7.83567736	8.13371373	8.20528959	8.66209385	8.63797447	8.84913346	9.13423825	8.79150434
9.37880626	10.0555966	13.6215453	14.786936	16.9435378	17.6188385	19.1740215	19.1573511
1.52056017	1.40318631	1.3214357	1.2885061	1.3138053	1.40265045	1.50476011	1.66308394
84.6765993	79.3073873	75.4479261	91.4632879	101.45632	105.896577	93.3260884	89.3308959
0.14786836	0.14898794	0.14748828	0.16268079	0.16794508	0.17073573	0.17831228	0.18839504
20.2743106	21.3888863	21.7285888	23.1799695	22.965725	23.5815094	23.6259974	23.214544
2.16205675	2.32439817	2.2859083	2.23213998	2.18512474	2.10461822	2.18468758	1.93667966
48.2337052	31.0542559	24.6911397	23.1030595	21.9447642	22.4563821	21.9983681	22.9550667
13.425853	13.1461805	13.4064341	12.472629	10.0694484	10.1317578	9.51731686	8.76543798
25.3272342	21.2451034	18.0042375	14.8408156	12.9385008	12.9092944	12.3581851	11.7985218
1.0328878	1.16667738	1.29387186	1.41220049	1.28204648	1.47709693	1.56928983	1.72476707
43.4123158	44.9604056	44.7604243	47.6645556	48.966767	49.3979816	51.8314037	52.877968
30.9021411	25.3032294	21.6034252	18.5438764	16.5044645	14.6325858	13.2851334	12.0501648
23.9486234	24.2509568	24.7464162	24.3512946	24.8321977	24.8682571	25.0952635	25.5374402
0.13989392	0.15101908	0.17216979	0.32499909	0.39024083	0.39843002	0.36168196	0.40512585
458.219829	460.84696	474.613849	501.030166	481.986446	501.957154	527.93013	554.605779
12.9058675	11.5773987	11.7726391	11.5314877	11.3936072	12.9920995	11.8385111	12.6814292
12.755422	12.6237082	12.8018573	13.2222559	13.6466625	14.009251	14.1420281	14.8515211
2.39201387	2.35963167	3.00624441	2.70917892	2.57731077	2.52396295	2.67726935	2.5808326
65.6519986	69.4913904	72.0325754	74.7293416	78.0782774	76.9619841	74.7444622	75.8905892
28.707594	26.4337642	25.133055	23.1537755	23.9924378	22.7000862	22.9797906	23.7065135
8.52620187	8.8490189	9.01754758	9.36513402	9.62352081	9.83650876	8.60766576	10.5575204
7.02604716	8.23865482	8.3632897	8.33667627	8.47709013	8.83058798	9.24447965	9.61627163
0.80367375	0.83637109	0.99238891	0.99790162	0.99136273	0.97987496	1.00306386	1.0150016
1.92209508	2.00394693	2.13687032	2.1877235	2.25378428	2.34071402	2.35774003	2.54098241
6.1101523	6.25488115	6.29896987	6.27497307	6.36750527	6.58028537	6.77557003	7.26155946
103.573295	108.119758	109.002454	117.702093	119.938233	134.62641	147.615918	142.221612
6.65252141	6.61752587	6.54481814	6.72841444	6.83529343	7.021644	7.28341273	7.57174793
2.07968517	2.10115978	2.14501777	2.20771262	2.04846467	2.26477435	2.12529983	2.07652789
11.1739988	11.5987568	12.3012373	12.6819359	13.202931	13.8804825	14.6163839	15.2586144
293.972825	318.261161	322.1147	347.249524	379.183735	437.646937	412.442756	380.621162
9.01346902	9.9181792	10.5503638	10.9021262	10.4180481	10.4682732	11.1549884	11.5564007
228.557413	227.443926	230.788356	232.740067	235.777876	246.961222	237.233688	237.187413
51.234711	50.9161142	53.5463831	55.9837992	55.4325161	55.9445386	58.6175042	60.1091561
29.1064812	30.5920162	30.0308702	31.9016803	32.6054237	32.8063469	33.1726226	33.695936
71.5734084	72.7710685	73.4041708	75.6329107	77.0841134	77.7810693	79.9612737	78.114541
42.5718046	41.1625218	40.0697842	39.1854318	42.1901184	44.2107957	47.8254053	44.759182
202.778474	212.569113	225.08997	229.552603	240.390817	249.888836	256.126213	261.485467
7.52684494	8.24363571	8.37985352	8.71107525	9.04855441	9.07976447	9.08362097	10.36555
43.8138771	44.5433897	46.3112459	47.6316601	52.1102934	55.0527816	55.0502974	55.1986229
100.919192	102.76721	107.116091	113.370873	125.268182	130.81194	139.225183	132.38089
2.32622718	2.12787784	2.177713	3.25893665	2.55693452	2.40615026	2.69827115	2.43829853
4.20278668	4.64092746	4.77690208	4.7729042	4.73043409	4.85931245	4.79674919	8.09797216
501.931912	487.799866	484.095932	477.26635	477.899616	492.324198	482.519621	444.597878

22.3016517	22.7268992	23.2965684	24.0248656	24.378503	24.7013173	25.3802305	25.8141589
161.201547	145.035761	135.351725	123.503037	114.87345	105.002897	102.70013	87.4515612
60.1087402	63.8857725	62.7391909	64.9911668	68.4067334	67.3507988	70.0817592	74.9412431
19.4771239	20.3969351	22.3159092	23.7172446	25.5418253	25.5050664	25.8853925	26.0430437
0.98214505	1.01544181	1.02954135	0.85198475	0.81001771	0.8034201	0.8403191	0.86666208
27.1466139	28.7351587	29.0314901	30.1729242	29.8369703	35.2940765	51.6316945	53.1269778
1.54164477	1.4033731	1.621804	1.66345361	1.68001851	1.72520662	1.72004596	2.18249953
196.977761	179.678794	169.782502	165.770326	170.487896	174.30924	161.428381	143.728125
2994.9979	2752.8669	2518.61649	2279.12865	2210.05944	2146.95602	2010.7305	2000.63632
5.34597084	5.01558557	4.75539213	4.83990755	4.84868093	5.08458015	5.65648471	3.88634511
251.950584	267.351129	277.43051	294.453518	291.152771	308.179801	314.020902	330.016185
73.4007928	67.2810833	60.1093363	55.6556056	62.3674271	70.717246	76.7044182	76.5100084
61.6883489	66.8199379	69.9737789	76.6645987	77.355115	80.0698691	82.5478588	86.2289339
410.691136	440.939059	427.955881	440.866991	457.1762	466.419751	478.278373	492.987067
10.1466013	10.5154535	10.6907952	10.9937959	11.2200708	11.7427043	12.1568858	12.7074927
35.8087338	36.6222028	42.4605615	45.4029393	46.8297847	48.7919318	50.342307	54.7804055
0.00879339	0.00849514	0.00982251	0.00833153	0.00871186	0.00631703	0.00651348	0.00656527
0.31508265	0.33577834	0.34129954	0.34935614	0.33646533	0.34130807	0.34857868	0.35567939
4.16118927	3.77071147	3.81190235	3.73773137	3.71991111	3.77658003	3.855894	3.87112042
8.07348171	8.60770152	8.85566863	9.59179459	9.7632907	9.71059482	10.8512833	10.7632265
22.7734764	20.9006464	22.8511723	24.6630673	25.429406	26.0914406	26.6877571	26.7819629
0.0930406	0.08722169	0.05101235	0.05281177	0.034913	0.03467121	0.02287574	0.0291957
0.09689167	0.08989331	0.08929986	0.10029513	0.10346884	0.1068309	0.10792103	0.11002228
2.57828311	2.71488678	2.56734432	2.52102956	2.54958015	2.53534667	2.48024014	2.48842873
65.2197731	60.5790881	58.7560392	55.9407996	55.9767134	56.7114489	55.9855396	54.9535526
19.9511084	18.8646732	19.4316268	19.2723687	20.1872165	20.8438488	21.5652336	21.4004453
75.1052554	77.7361764	78.3201458	81.3061531	80.5126587	85.7518891	80.4175671	80.6186633
3.29396144	3.14481964	2.7862751	3.54222656	3.51685302	3.30094377	3.36934113	3.31735811
0.43232499	0.3717395	0.37389559	0.37306219	0.39409775	0.40689513	0.42967486	0.43717478
71.8508512	71.2627686	75.2377036	78.223939	79.8147847	82.8267152	81.5873172	83.6003078
0.00947249	0.00982363	0.01013115	0.01063935	0.0109371	0.01115061	0.01134288	0.01221906
18.0221083	18.7729404	19.3418346	20.3801573	21.3565262	22.1786629	22.9785456	24.2446044
3.20519369	2.91058795	2.87804128	3.39699004	3.31601202	4.0410121	3.89313348	4.32216542
230.790636	241.447397	255.203831	269.367259	285.178579	304.508302	310.124834	284.299736
22.6064005	18.5419155	14.1658122	11.6288983	11.0595361	9.91120083	10.0720138	10.1956951
55.5347214	41.8436045	41.2768728	46.4926135	46.385916	44.8793837	42.4498891	46.5524976
0.61063689	0.58801844	0.60858668	0.68081421	0.70346249	0.72812693	0.69826893	0.79478801
0.20016698	0.20982122	0.21067174	0.24998679	0.2203092	0.23769706	0.24835699	0.25545538
16.1287648	16.386086	16.1710103	17.9054247	17.3224851	18.3964222	18.2532173	22.0217964
24.2817147	25.4420032	25.997689	25.7411202	26.2360346	27.2381088	27.6881136	29.0041437
218.029307	227.57286	233.941709	229.66985	247.49742	268.316393	282.132865	287.013858
157.460272	165.465816	176.778963	186.759563	196.631347	206.109664	220.896736	232.137649
28.9393087	29.0805647	30.0211686	30.7279437	34.66166	33.3598788	32.9914915	34.5742729
15.690017	16.0876481	16.5359251	16.2757439	16.8688121	17.285098	17.7732277	18.4615781
910.60551	806.746153	715.019686	603.907257	588.155044	510.006222	488.534375	463.487953
31.137635	33.0628381	33.7915201	33.9225678	34.2673076	35.6697256	35.3778933	34.9608277
6151.79087	6249.68247	6372.3574	6479.21914	6543.42974	6711.37731	6992.34751	7038.53447
163.772757	149.008099	150.074979	147.384798	139.648618	144.613882	143.579452	159.677167
0.0746295	0.08123999	0.07525822	0.09910409	0.10466111	0.09884191	0.10986738	0.11750379
168.356679	169.321537	173.698787	187.636073	190.393828	206.495469	211.434972	216.687323
0.02929688	0.02947371	0.02905806	0.02955362	0.02935675	0.03494828	0.03574262	0.03644352



108.48856	111.479728	117.293155	123.66283	131.000961	138.459549	144.224572	153.200535
0.4784017	0.45878457	0.48405628	0.49127586	0.48799828	0.49407687	0.50029851	0.5068235
0.2997434	0.29262826	0.31368081	0.32003285	0.30284623	0.30490782	0.30938958	0.31594119
19.3731893	19.944173	20.0030685	22.5911735	23.184088	24.0662254	25.733038	26.6982777
399.343525	393.330717	397.548159	404.338227	423.147152	437.36158	456.764716	463.992134
15.6649912	15.6933097	15.3570926	14.6105962	14.252274	13.7766612	14.915966	15.0939092
34.3208346	35.2500136	30.7432559	29.8600948	29.7365109	31.1546211	30.17252	31.0515482
4794.57969	4615.94983	4527.94879	4514.19287	4564.59781	4676.73433	4594.48618	4545.68476
32778.7073	32691.2447	32754.4996	33105.2966	33930.4535	34568.2718	34977.1808	35063.257

1999	2000	2001	2002	2003	2004	2005	2006
0.38251092	0.34784533	0.35076496	0.37613911	0.42644626	0.44077629	0.47787436	0.48731395
16.0481597	13.9156719	12.2064559	14.7569879	15.3371343	15.2974649	15.5713839	15.7654366
71.8713673	67.0232489	64.8397022	63.0060254	63.1853075	68.3839357	66.4484839	59.2383786
0.01406664	0.01788225	0.01841348	0.01325407	0.01663625	0.01604569	0.01629806	0.01547377
347.530247	360.05544	353.839529	374.424016	372.305639	408.454423	434.737815	450.241327
6.97996979	7.17973532	7.36736019	7.98943248	8.17835694	8.38713063	7.97739939	8.02271047
5.66365218	5.88609764	5.88514486	5.625253	5.63620573	5.85502798	6.13794257	5.99600255
114.695613	117.235895	129.753738	131.325175	139.421976	146.064162	155.533743	162.341874
291.660306	288.259995	284.196135	283.488126	305.06249	323.871857	327.133764	340.488261
5.42648072	5.9423829	6.08350434	5.63863517	6.08962185	6.57319379	7.32110377	7.29280689
0.29194109	0.2251425	0.22257819	0.24034763	0.25466863	0.25827968	0.26473517	0.28830738
536.893364	546.510353	556.218393	564.848519	555.344409	575.378464	578.24688	583.308175
83.4029832	83.5140603	88.4231732	90.2760455	95.7920577	95.6364892	96.2015405	93.7678979
38.0809564	39.8557194	39.224473	39.0860087	41.9042393	41.9126252	44.8344084	46.600059
2.84634094	2.91460219	2.86495451	2.83491241	2.87493002	3.02703082	3.14177792	3.34754929
149.800951	151.198964	151.37586	143.518029	147.210161	146.097421	143.064575	139.567585
5.78526278	6.01408079	6.55018833	7.00354531	7.35948145	7.67823818	8.13093449	9.38593938
13.7363784	14.0805246	15.6821077	16.0873637	19.3842437	19.6872229	20.2980052	20.7563683
144.72148	146.011981	152.380854	156.292312	159.444615	160.3768	166.010144	171.134683
64.2930075	62.4433003	64.3763829	60.9966102	67.0306172	65.3088497	66.0616527	67.3658317
37.0281249	37.586067	38.6092391	38.1125502	37.7592139	37.694365	41.1517587	42.7690505
1.56215644	1.25800911	1.25844245	1.35952337	1.08065878	1.15489644	1.1450606	1.38828779
16.0811234	19.8035106	19.3400978	20.4384247	20.8549063	22.3659513	23.1130228	25.2879285
82.7650153	80.0145885	78.6157615	78.526733	79.0934498	83.052591	83.233388	86.1537356
0.56959817	0.50245429	0.52444666	0.5393059	0.56807839	0.54431699	0.56930626	0.66148901
0.24685288	0.1776278	0.17609897	0.19329539	0.19895187	0.20097671	0.21443735	0.26116564
30.0547083	29.3881089	27.8795092	29.0716076	30.0198832	31.3845433	31.9481418	32.9924915
876.494545	898.956917	912.60174	935.706313	966.394089	1016.12721	1025.42147	1031.66793
0.96792166	0.83976209	0.80167329	0.82972999	0.8592487	0.85400589	0.86739649	0.90500856
8.19315093	8.52524374	8.77021029	7.93826153	8.95405838	8.45261179	8.13485403	11.3678695
1.41946159	1.42638956	1.42408822	1.4448341	1.46726974	1.46920877	1.61434387	1.72199265
10.2038308	10.5655689	9.98620554	9.55090258	9.32061481	9.26307967	9.91993885	9.72956281
8.93400334	9.14518532	9.57397605	8.57661141	9.71412981	9.06726181	9.80768154	9.86139191
686.822939	710.373528	700.621413	723.31821	742.246685	731.580241	750.948366	748.210832
54.382988	53.5929978	55.108822	53.4659364	54.6993659	55.3446191	56.0666914	55.4649947
87.895929	84.4298312	82.611681	83.0756049	85.1580852	90.5562919	91.1358109	92.4099141
5019.65931	5242.73581	5436.06992	5766.58431	6473.67465	7333.76131	8191.08596	8976.53906
16.5611718	16.4695473	16.6757895	17.453455	15.9952503	16.8014974	17.7424981	17.9023937
29.0652267	30.3722506	30.4565522	29.3179157	30.0167211	29.776376	29.9527171	29.253552
24.2541893	26.7857073	24.3531601	23.6921043	24.7858779	25.274449	25.9503511	26.4395442
19.9205108	21.6478086	20.1943741	13.2306795	14.9579077	16.1473519	19.7502356	21.7455906
0.06144673	0.07454475	0.07432888	0.04619937	0.04285564	0.06251143	0.09476187	0.09768063
148.344452	153.543701	154.368796	153.07364	153.783012	154.378272	158.016737	156.842628
0.38326427	0.4175462	0.42099865	0.4326132	0.45619777	0.47690406	0.47838598	0.5105204
0.33747419	0.52777648	0.5603184	0.60058839	0.54064872	0.58003172	0.8032868	0.8608294
11.2364252	10.9516956	11.1345233	11.171466	11.6064814	11.8714029	11.875401	12.2990023
48.4251976	48.8520363	47.1970596	45.8587655	44.9794775	43.9728871	44.097674	45.4724923
0.16000528	0.15060943	0.15019018	0.16319475	0.17147563	0.16069628	0.16854068	0.18674498
7.86652093	8.1259555	8.04510247	8.26470674	8.93639228	8.88189677	8.98735447	9.10456336
144.468044	158.53167	158.569395	152.793725	155.863183	156.599478	153.452463	155.109544

1039.49053	1035.37825	1043.99111	1024.45929	1026.95167	1010.25597	983.698109	990.369253
2.30217584	1.86595981	1.86942254	1.90414247	1.96167261	1.94862141	1.92578706	1.9111986
0.12123759	0.11508594	0.11550232	0.11037269	0.1178039	0.12200687	0.12115607	0.12528073
73.6115404	69.5709325	71.2203516	70.3925459	75.9305375	69.7880789	66.0777629	73.3209387
27.6344343	28.1605862	28.8648176	31.2740047	28.8981346	28.3653096	29.6485279	31.8598816
149.909935	158.333692	147.71633	147.274594	161.09831	159.256612	164.488412	172.839962
47.3067267	45.55516	49.5636458	49.8287997	51.7659631	55.2921837	55.9735625	58.309993
196.872418	196.05666	210.110042	216.543089	221.956439	236.965334	256.036041	268.209689
5.33527262	5.42976871	5.3461426	5.3013534	5.41956429	5.49115063	5.46006519	5.31209968
0.49655208	0.56246854	0.57761689	0.58364529	0.59939975	0.60706183	0.61142265	0.61518933
377.930556	396.602996	394.726076	412.285857	422.19605	438.47503	452.782195	445.060161
20.4102474	20.6766536	20.9667613	20.0693286	22.2126873	22.6540356	22.5358156	21.562562
73.8944901	71.807042	77.1319566	84.8173056	83.9496667	86.3206097	89.566273	95.3338484
75.2126394	73.7271796	79.7224064	81.9586629	90.4792628	86.6621771	73.7246176	86.069153
2.67995255	2.8556324	3.00306307	2.69509516	2.91167549	3.40777758	3.16013457	3.30288472
0.15212891	0.15472369	0.15195764	0.15309894	0.15546618	0.15570602	0.15592303	0.15898508
540.5144	540.240841	544.415268	537.798298	541.185195	542.522055	542.966519	528.97275
0.04582495	0.04601207	0.04667038	0.04682649	0.0469082	0.04694889	0.04671108	0.04662368
27.1247425	27.9021774	27.9857802	27.0626241	30.1575791	27.8972081	26.2443771	22.6020855
691.504564	691.041762	698.087108	677.459582	686.801525	681.945744	672.944095	666.718818
10.8316472	11.3401572	9.69704946	9.75070945	10.3214496	10.6053084	11.2329274	11.8797477
15.7904339	15.2697786	15.8887747	17.2358237	16.9108532	16.8208005	17.4528714	19.4091486
0.34251421	0.35829264	0.36767428	0.37401258	0.38036683	0.41214682	0.42477652	0.44393785
10.5752201	11.3316036	11.5019504	11.95597	12.4825259	12.9541084	13.4607409	14.0436314
1.05681045	0.87371054	0.90157969	0.98757276	0.98687572	0.95368163	0.96222311	1.04651679
1.13825435	1.25897058	1.24849376	1.26933117	1.39577753	1.45755153	1.49122677	1.55684732
1.98847525	2.00634405	1.99233749	2.0248999	2.08288951	2.10458359	2.14663401	2.23648747
10.3744313	12.0107078	13.5273979	10.7652746	11.9218632	15.9813875	15.6056849	16.9355126
114.917181	121.05497	121.700289	122.344753	125.778687	125.919207	128.192688	124.881156
0.12771672	0.10360851	0.10494638	0.11048339	0.11774409	0.11446736	0.12022084	0.130605
0.06016692	0.05940226	0.05955497	0.0593853	0.0597148	0.67758172	0.68405699	0.69996024
20.6113752	21.6660255	22.5459249	23.7089256	23.5410317	24.3545495	25.6420715	26.2386435
0.53509127	0.32573213	0.29586734	0.28679615	0.32507473	0.33400806	0.3391105	0.33806484
5.02789236	4.70230237	4.66445107	4.49277469	4.7140555	4.62302091	4.35362036	4.14105978
50.4107584	46.6471846	46.5098771	45.525402	49.1314145	45.3005749	47.6303077	47.1092819
11.0103133	11.4430554	12.5409964	13.7659795	15.3160404	16.4144125	15.5560638	16.7088761
25.5243418	25.0123891	26.1095182	26.8179676	28.3720091	28.9401118	28.9315606	29.3789477
9.16367758	9.6530598	9.76540495	10.0789619	10.1513399	10.0925515	10.2822526	10.437007
80.4713269	77.4893168	79.2150718	77.3999038	80.082079	79.0843154	79.69769	78.8275955
558.101049	562.893312	586.905397	595.470496	626.442793	640.791313	649.499332	683.985198
1813.9303	1845.4522	1869.30955	1896.9395	1947.27935	2049.49151	2120.89289	2225.10318
70.6730843	74.4697712	77.1033396	75.6730333	75.4870533	74.4730166	76.0148516	76.6377726
482.391738	512.10241	517.620585	533.957701	580.98786	608.62465	651.445294	698.002318
148.54508	168.338126	182.022766	170.171104	152.254306	171.040162	164.720315	164.38313
3.80498348	3.91202015	4.02146905	4.21475233	4.18650117	4.27104981	4.24024658	4.39466614
64.4108039	69.0345202	69.1537605	72.4295956	74.2241041	74.1281431	71.7986506	75.0562306
536.47836	543.54295	539.96806	549.374412	569.062986	578.975128	580.458535	568.452003
11.8851296	11.9367775	12.0038141	11.9582504	12.3287495	12.2961271	12.2792009	13.6735349
18.0381875	19.7251219	19.9503963	20.8781368	21.5416669	23.1335405	24.7871141	25.1610447
1387.41176	1391.1213	1369.32481	1397.22664	1401.55039	1392.18796	1401.40855	1371.68519
170.643942	177.106044	176.790197	192.743631	212.629801	227.166185	242.159641	268.538045

42.3429923	41.2823506	42.2365455	44.6084767	45.9157176	50.2640883	52.7185374	51.4869223
10.9455544	10.9092719	10.088061	11.1764295	11.8614257	11.8047684	11.9004185	11.7616054
23.3196048	22.7189552	23.4297221	23.616996	25.5800851	25.1805076	27.3594025	28.8866814
0.03784826	0.05239757	0.04948802	0.06482134	0.06612083	0.06820201	0.08417301	0.08921048
0.08431616	0.09405775	0.0954649	0.10301297	0.1056337	0.11229119	0.10665486	0.1125492
488.476768	538.536879	543.049083	549.686025	551.586468	573.468569	573.387209	580.654638
79.347036	88.0564094	89.9084851	93.1226206	103.453808	108.306421	120.000964	123.451673
8.80902158	9.77192305	10.1769736	10.4592901	10.79004	11.2851967	11.1046646	11.6919398
19.7106003	18.162223	19.5830224	19.6960026	19.9478428	20.3592377	20.3680678	20.020526
1.84363976	2.08622366	2.1316831	2.18659172	2.26928576	2.37640969	2.60254733	2.87245289
87.5133725	91.7326532	88.1982302	88.437801	98.2296117	96.8517272	104.391955	102.710418
0.20099027	0.21344423	0.21853452	0.21099167	0.22589889	0.22138522	0.22518906	0.23681686
25.0396442	26.1220605	25.4986988	26.3883008	28.0694394	27.268278	30.0107323	28.8196937
2.51904278	2.660761	2.67041257	2.53543716	2.570412	2.56648299	2.73216586	2.69212845
20.0459491	18.4404442	19.1203985	19.6304098	19.7232042	20.6119979	21.6610643	21.9657937
9.15961616	9.79394806	10.3258458	11.0080378	11.4135258	12.8385911	13.0592729	12.866358
11.0843537	10.1920164	10.7915994	10.8561718	11.1998468	11.3980496	11.6721622	12.3735077
1.81939989	1.5398061	1.65037444	1.80693415	1.83150143	2.11581546	2.12842275	2.11760169
55.2284256	56.6473047	60.4811629	62.0574111	62.6071792	68.487124	70.5909515	72.012908
10.5747816	9.87187704	10.0626212	10.2928761	10.8790484	10.8832621	11.214479	11.0274094
25.6753526	25.8488778	23.8863265	22.1061724	23.1126074	23.6700848	26.0893999	26.3651085
0.40682164	0.7033366	0.62980815	0.75535532	0.65304833	0.82228098	0.76939785	0.93033425
541.535382	566.04881	562.510823	568.732435	592.914857	602.546371	624.49066	646.108131
11.7576005	11.4114722	11.5177947	10.9677545	11.736992	11.8997338	12.35969	12.0623752
15.5113429	16.4692028	17.4350468	18.3884846	19.3214895	19.9577792	21.046501	21.2484809
2.62246933	2.34341383	2.71459809	2.53687795	2.8357039	2.82719224	2.88608902	2.95213806
81.3088662	83.2182779	83.9743216	86.1172205	91.9367708	95.0252852	100.494739	105.019833
24.3866927	25.1442414	22.9331237	20.8435294	20.181072	20.1157795	24.6719675	27.9888722
10.108857	10.8485475	11.5194431	12.3261169	12.7954243	13.3821281	14.6665035	14.46214
10.295077	9.13696347	9.5051555	9.91689521	10.1886171	10.1855164	10.4186385	11.0795447
1.02365053	0.82967817	0.83332755	0.86433176	0.87350813	0.86480453	0.85605916	0.92575486
2.95616064	3.24200503	3.3937371	3.3852086	3.47145004	3.5217165	3.67944621	4.43515067
7.52910799	8.13638241	8.08910385	8.12564741	8.31406635	8.3613311	8.94360105	9.39814481
151.529376	163.960677	171.981508	181.199683	194.391673	209.275215	221.304824	229.026794
7.74018589	8.34049942	8.84104498	8.34051176	8.5854545	8.72370104	10.5207892	9.05399498
2.02044783	2.50757986	2.51587817	2.76323927	2.95955522	2.67076334	2.91434095	2.90790392
15.8484465	16.2170472	16.9665861	17.7070505	18.5058118	19.3237689	20.0446215	20.7571969
368.513699	405.319755	412.896789	360.969016	397.689734	389.596933	382.536671	356.279165
12.5212075	13.0081969	13.2464841	13.5284365	14.2705384	14.1907752	14.2545264	14.8586221
226.73158	225.07332	224.04704	222.724324	225.265062	227.712732	221.349442	217.767652
61.6599609	56.8780674	57.7824586	56.7842386	60.5538254	61.2608234	58.6440267	59.560267
34.4167951	34.298693	35.0306238	34.6391443	35.6695059	35.2465033	36.0010392	35.0832418
80.3407786	81.2669798	83.7801444	85.5092263	87.0294205	87.0233065	87.5085802	88.0667604
49.4146901	52.0600555	55.9210399	58.5586662	63.4993782	61.8096847	62.1907598	68.9533908
274.329729	279.346338	281.983213	287.43255	299.382935	319.657736	328.253801	350.173487
9.60486023	9.77203118	11.2747309	10.5676142	10.6616106	10.6749068	12.459161	12.9319796
57.8714549	58.2288719	55.4675367	57.227012	57.3441701	61.232203	62.2916575	61.9051443
137.424335	138.307042	137.028065	139.864908	142.849124	146.098259	150.081485	142.722628
2.60113571	2.24111915	2.48327942	1.51006019	1.79492911	1.5968601	1.84341074	1.80267912
5.22437037	6.07521691	6.14825655	6.86806102	7.06632243	7.57100208	8.95489301	9.53865419
430.942596	414.86466	408.609785	400.811939	411.131782	411.239095	411.427438	425.374642

27.7954526	27.8493734	27.5114387	22.8487018	29.1977334	29.2365539	29.3515777	19.9265264
94.9613664	101.238467	104.997374	101.2853	103.435795	105.956068	110.737919	112.462867
81.9704518	80.877215	79.4336545	83.8446319	78.7280872	80.3328854	83.265554	78.6446768
25.5521733	24.881755	25.4462455	24.6123316	26.5180652	25.6113154	25.8092698	27.6313271
0.86859862	0.81970205	0.93935324	0.9839168	1.03245314	0.98454138	1.03975777	0.98282425
57.2583904	59.9981935	56.4506386	59.6229017	65.3678597	66.244462	65.6737922	71.4157905
2.24156735	2.3402072	2.36255498	2.48669655	2.56126671	2.78653519	2.69329464	2.61804905
126.45808	130.76146	136.718845	136.550807	140.716102	140.6296	138.660303	145.228397
2058.80187	2089.10189	2097.1866	2090.69552	2156.80161	2170.44857	2174.74073	2213.28983
4.18252763	3.98337424	4.14071967	4.34466597	4.47959949	4.62895409	4.70265375	4.98068735
331.268162	350.221512	362.375667	380.249582	407.289409	429.664563	457.063925	480.73675
58.0261637	65.8398086	69.8626385	73.905494	76.953701	82.4345845	76.57485	78.1520862
90.241812	94.8494002	100.213243	103.845567	107.331386	110.04146	113.910049	116.970526
521.27882	535.208068	507.998077	526.61841	535.672839	588.345724	608.736661	647.468787
13.6986651	13.5685239	14.3909538	14.4670591	14.421035	15.2460709	16.0562202	16.3186677
52.7320796	57.2449212	58.7677155	51.4045292	49.8092375	52.4707155	50.3289663	50.5980659
0.00681513	0.0142452	0.01039934	0.01044084	0.01093273	0.01228363	0.01291593	0.0116567
0.36050187	0.41370576	0.43588273	0.4513855	0.46329699	0.47835913	0.49658723	0.50323072
3.83870007	3.58146985	3.80781686	4.1572225	4.37026653	4.70566519	5.03886604	5.6270091
10.8710584	10.3639038	10.9320728	11.0975749	11.5528711	11.9620929	12.2348223	12.7261349
27.4305375	28.1684337	28.7011476	29.2654188	29.7926355	30.3057848	30.9920653	30.1150284
0.02947994	0.02344866	0.02317165	0.02579019	0.02929804	0.02801045	0.02931866	0.03176994
0.11591075	0.11481531	0.11410369	0.12503753	0.13581151	0.14672717	0.15507944	0.16262223
2.4010135	2.51962753	2.54017594	1.95907743	2.18278475	2.32533699	2.59668187	2.45651206
53.8178418	51.492746	52.041006	51.7417246	52.4853462	52.1302624	52.2227307	52.5513121
20.7123435	20.4166395	22.2199764	22.9682994	22.7855377	23.3534042	23.547014	23.6763443
79.4300045	75.6126637	75.3956671	77.1295907	77.4244249	76.1267798	70.9625051	71.4306777
3.53232945	3.25432688	3.11517002	3.14074994	3.18014646	3.2130005	3.18502004	3.10859954
0.44897464	0.82505092	0.8963332	0.81708904	0.82223549	1.13083782	1.03435839	1.13192794
82.8511384	84.955044	77.4558738	73.1050605	73.5331578	74.4872571	86.410787	88.1922497
0.01275708	0.0256999	0.02698447	0.03538994	0.0325957	0.03584613	0.04254561	0.05161625
25.5629971	26.6727825	27.9523857	29.475029	31.6128934	34.8711213	36.7998954	38.4363589
4.80710502	4.79845403	4.7893315	4.96471775	5.31211971	5.34463289	5.52820165	5.49781798
294.400561	293.942675	306.326071	318.312313	333.450302	355.11248	367.706834	372.959873
10.0450535	10.5060542	10.0113248	10.8662329	10.200518	12.333609	11.8103922	12.4917748
57.0763881	59.6908147	61.2446255	67.5820623	76.9706784	80.8483968	81.1983082	85.1878071
0.78763062	0.92569015	1.03779673	1.01730628	1.21059247	1.74961829	2.13560406	2.31481705
0.25743145	0.20938225	0.20519262	0.21596392	0.2362575	0.22229681	0.23201574	0.24436953
22.5954072	23.4693512	26.301197	28.3506369	32.4092727	34.4602491	41.5458037	45.7027813
30.5523062	31.6286964	32.6048283	32.35212	32.0607986	33.634785	34.8521238	36.2334609
288.650743	314.190425	292.41849	298.674727	312.276958	315.907818	327.851263	363.380826
241.962234	259.411813	267.865846	322.855762	334.405538	348.455438	342.596949	332.356963
37.77603	38.7392221	39.4218035	41.3899611	43.055246	44.532836	46.5144702	48.0653242
18.9614232	19.419891	20.0065172	20.8692468	21.7309993	22.3364089	23.4742159	24.3987666
460.811941	454.530678	453.512497	457.42919	489.843447	463.415035	451.603684	449.7243
36.1161638	34.2044195	33.7786464	34.5214853	35.4633252	37.5406852	37.7032637	39.71103
7043.73675	7203.33442	7118.62222	6947.41171	7015.29088	7110.39902	7123.63331	7011.75994
158.381675	167.616344	173.617203	184.374136	172.864191	174.628553	175.633593	187.093693
0.11864394	0.09272315	0.09943668	0.10682453	0.11090385	0.11594983	0.11843289	0.12646246
212.421219	222.223998	228.380067	229.68294	224.718504	235.104663	244.059458	246.872256
0.03678609	0.03974423	0.03999235	0.04344	0.04704207	0.04816746	0.05014274	0.05795688

158.352088	164.302962	169.168213	183.494171	192.011346	214.278778	226.485127	233.233248
0.5177631	0.52903303	0.51912835	0.51803341	0.54819259	0.53038101	0.53939962	0.53970358
0.31636785	0.36368655	0.39266226	0.4002032	0.40650724	0.40492775	0.4125243	0.4134046
29.5844542	32.4256081	33.3999602	33.7286778	38.9330311	39.9073097	44.1799829	48.7014393
446.664812	451.249382	462.239322	476.65291	503.527431	537.911999	549.822897	553.955161
15.1176038	14.8289797	15.226198	15.051863	15.2761108	15.4386686	16.1225763	16.4387807
34.3028281	32.4709373	32.6423612	30.0184677	26.7851801	25.9552881	27.2570877	26.1792782
4468.041	4481.44873	4511.34658	4494.22598	4586.27925	4589.47385	4553.56151	4553.27921
35288.379	36175.1463	36459.5052	36898.8411	38408.4892	39984.0115	41296.8849	42471.7177

2007	2008	2009	2010	2011	2012	2013	2014
0.52237508	0.51482409	0.55019995	0.52833133	0.34034418	0.40518038	0.44005573	0.46946841
16.8570463	20.1170965	23.0632489	26.9370071	31.0166543	28.8931864	27.2543965	27.4201323
57.6005266	61.0807392	62.5799527	69.6009797	68.5280866	70.6164056	75.2036889	77.2956993
0.01501336	0.01827198	0.0231147	0.02711149	0.02919219	0.02923627	0.03122937	0.03120994
465.392168	472.600098	449.695018	472.871294	486.511276	490.117467	498.812375	514.263976
7.97701887	7.76152798	7.74062233	8.04822732	8.47916023	8.15939858	8.42451096	8.89974601
6.48335412	6.42679947	6.08410184	4.44020338	5.71367674	5.80033934	5.33244082	5.87140833
172.854926	200.412913	201.519516	209.712966	217.405196	226.742336	238.461138	241.853674
349.424854	350.890314	327.627908	331.467691	337.856806	344.933289	353.385439	352.582772
8.071033	8.54663698	7.25749071	7.00429847	7.63173889	8.50213772	8.53985405	8.89620661
0.30667382	0.32425015	0.3568464	0.3468553	0.27881258	0.29303243	0.32666818	0.34735963
592.706153	591.383318	599.48827	604.604033	610.02991	613.393624	609.394377	600.033132
90.6390066	90.2653165	82.7494326	88.9335801	87.1974889	83.8312612	84.6493501	81.0201407
47.0547504	51.5871568	45.9622604	44.9445017	47.3555129	50.4512933	51.6890566	53.5015054
3.61601984	3.6353555	3.83894383	4.14053132	4.38789381	4.36970391	5.3882575	5.31958473
136.845675	138.666885	131.214568	139.623974	129.270666	127.401701	128.816909	122.013086
10.0975539	10.2165602	10.7493596	11.6253408	11.7256194	11.694036	12.4905306	13.0607113
21.6622595	22.6905039	23.1818606	23.9202149	24.5867884	25.4278481	26.3823405	26.569357
175.962806	186.501254	191.753865	200.128393	205.07871	210.006993	212.869035	219.578252
71.1010955	67.8492073	59.5440661	62.3363924	67.9312212	62.6398157	57.3485378	59.978998
43.8792309	47.3684705	47.9513699	48.2933902	48.6616665	52.4247715	56.994043	58.8270677
1.61655684	1.67590546	1.4362838	1.59227185	1.16972464	1.3367993	1.4195145	1.466094
26.5445286	28.0068909	27.7907863	28.3375596	31.6229588	29.5128157	29.3288175	27.8629629
84.7514691	92.3989286	89.7153816	94.924404	92.2659113	93.9041375	94.4509947	93.8677733
0.69090376	0.70150701	0.76165388	0.80335291	0.77323104	0.74454467	0.8110136	0.76622024
0.30772628	0.30958883	0.27426704	0.33937401	0.18015175	0.20474198	0.22513113	0.30112648
35.0199479	36.1713062	37.5712799	40.9275833	41.7004861	43.448809	45.251584	46.2782986
1048.41803	1076.35593	1051.41273	1129.47644	1165.64781	1199.56733	1235.71723	1268.13421
0.87238602	1.00958379	1.00297098	1.0206053	0.87955791	0.83896148	0.92336421	0.86087432
10.8539576	12.9558373	11.0668132	10.0264579	10.7253045	10.3895056	10.3257553	10.5339242
1.75349135	1.76617628	1.94557389	2.06637424	2.29923218	2.23208762	2.3502597	2.39217388
9.96278929	10.2457374	10.0610689	9.90642105	10.3102794	9.47477425	11.4276706	12.5856712
10.8607817	10.8868075	10.2511283	10.8797489	11.7913286	11.5156217	11.4414595	11.3596076
770.402321	744.764233	703.826589	724.625055	742.246706	738.473979	748.421561	760.419555
53.4590633	55.0644093	53.2432918	55.0061563	50.994604	52.353363	53.6132463	49.9620508
100.187212	105.233232	100.684638	102.693987	113.078732	117.022891	118.806383	110.987374
9577.68254	9794.62866	10409.1483	11262.9083	12249.4329	12601.7471	13142.5249	13295.5
18.0338512	18.7421135	18.1780357	19.5421829	20.178817	22.7815028	24.0922034	25.0283274
30.0979825	29.8810681	30.6662362	30.289463	29.9088216	30.6729275	32.6829912	34.9637671
27.3555318	27.9467817	27.9923965	31.0648745	31.9371491	38.5970577	42.2159604	46.0303176
18.689586	18.506459	20.1809638	21.9790056	21.0942203	20.317711	19.7322885	20.1597361
0.08553373	0.08753704	0.07907664	0.09634037	0.1069905	0.11195299	0.11705334	0.12403775
161.588633	162.634938	167.520909	172.713214	176.215016	174.041367	184.039712	183.854652
0.45758066	0.46377928	0.49818226	0.52559685	0.51783638	0.52987844	0.56687129	0.55109752
0.93901498	0.91969125	0.90901621	0.95672905	1.08483315	0.96325425	0.94729111	0.98521809
13.4433892	13.6073801	13.4193551	13.5582734	14.2372675	13.9024523	14.2673646	14.527598
46.5183754	46.0452107	46.7346974	47.3647931	47.2933946	48.4825826	48.8500854	46.7445977
0.22984229	0.25578794	0.25257227	0.27275915	0.2244217	0.21568503	0.24203225	0.25811792
9.40778616	9.61072539	9.40771369	9.45986401	9.21520915	8.61194317	7.8916399	8.28300489
156.880529	150.574039	143.490946	145.334434	142.859045	138.567312	133.938471	131.939739

962.411254	961.554606	896.296599	942.52635	913.721193	924.727049	941.914875	902.530339
1.93869648	2.03355165	1.92605581	2.00641182	1.83405636	2.03107674	2.12643755	2.13814103
0.1387149	0.13578536	0.13754556	0.14038046	0.12439924	0.11997978	0.12556508	0.13321242
68.8273132	65.1266588	62.8534207	63.2126118	57.909895	53.0264809	55.2479937	51.1020987
32.9762686	33.2824339	32.931266	34.3028632	34.6441309	35.4932956	35.1822004	35.6991564
172.627263	180.770955	176.962607	184.920405	191.633425	207.949957	212.941469	225.886311
58.5228651	59.5556462	63.8146309	67.6046888	68.1964046	68.4251333	71.6484043	73.2236834
281.767704	284.674384	292.22271	292.115761	302.058795	316.883428	310.851541	315.826252
5.52873386	5.47507052	5.53862726	5.53262516	5.81584013	5.88747984	5.91688633	5.97096497
0.6131831	0.62353071	0.61898963	0.61834958	0.60894784	0.61413084	0.61547029	0.6130162
462.121074	426.913229	388.320445	375.244443	374.828137	367.798647	339.566182	337.508684
25.3561852	23.4762759	20.1062478	25.0927865	25.2854019	24.2431498	26.6017312	25.7781333
104.615292	109.675422	114.239384	119.612846	119.214565	124.169073	129.097508	134.922875
84.187948	75.2006561	71.5365143	81.3988414	73.1749792	67.0903665	67.9656697	63.9548294
3.16937012	2.73737772	2.49175553	3.13023144	2.67341032	2.63739983	2.83171308	2.53605146
0.16180039	0.16269437	0.16418466	0.16400221	0.16001243	0.16082799	0.16279715	0.16380628
523.17154	515.614811	501.103009	510.830351	493.244382	495.400054	490.067325	456.168425
0.04668837	0.04647179	0.04667187	0.04662745	0.04692231	0.04719022	0.04729198	0.04918303
19.5277148	21.0235652	20.4264244	20.9681421	20.6655689	20.5544989	20.3232302	20.5015773
652.961526	630.424213	576.739322	590.580786	547.056994	568.710719	556.219615	516.118253
12.7860331	11.6282975	12.613105	11.998634	13.4341449	14.5996987	15.5232534	16.3172864
19.93635	21.5264821	22.59963	23.8495442	26.9694496	29.8085762	31.8982921	32.0700503
0.44094954	0.45034097	0.49144913	0.49468385	0.47893564	0.48855752	0.52023675	0.55827235
14.5282152	15.1731032	15.8670836	18.5002716	19.4215988	20.0037648	20.401242	21.1358606
1.09347338	1.10899374	1.16929295	1.29581236	1.39327653	1.39250849	1.39494856	1.39879634
1.58495276	1.68305307	1.90575738	1.964936	1.77054924	1.78990915	1.87050089	1.97542169
2.32621714	2.41165984	2.51651201	2.61916967	2.63143863	2.74435067	2.83588809	2.68521023
18.1271841	16.9825299	14.3399042	14.9849486	14.8600289	14.8263479	13.9854399	14.0615793
129.183528	124.678412	118.737355	111.550129	108.52492	103.818037	96.0660776	93.2195184
0.14052205	0.14944419	0.15697928	0.16935334	0.14203523	0.14535561	0.17365419	0.16171818
0.69034312	0.70942895	0.62329209	0.71596197	0.75754832	0.61071168	0.61224174	0.55373957
27.3243929	26.785235	28.1158623	28.2185133	28.8117639	29.7856893	31.4149965	33.1112535
0.35450738	0.36831003	0.46620145	0.46714546	0.49501523	0.50921043	0.50944618	0.51363638
4.46747416	4.55964086	4.64122812	4.86667499	4.99011922	5.20609974	5.33827133	5.60716232
49.1895315	47.9212416	50.0182845	47.1198027	50.1508199	49.6499739	51.2107329	52.6383235
17.975674	18.2702642	18.2782559	18.3428233	19.5951048	20.2650357	20.2112756	20.630902
31.1380081	29.9181492	28.1249322	27.4862967	27.2388228	25.5021523	25.1879314	24.4968248
10.9638233	11.0740307	11.2367345	11.8951602	12.4445674	12.4442676	12.7111371	13.0188501
76.1656768	73.6880615	67.2402715	67.688986	66.9649738	63.1968379	60.5515436	60.6427388
709.120874	712.712799	744.307208	781.99027	880.623515	899.994434	864.85303	907.283619
2368.3281	2480.13849	2628.27157	2747.61777	2874.48184	3056.2127	3095.91414	3270.37025
74.2748013	73.0561697	67.6565419	66.6426341	62.5540418	63.7249688	62.876013	63.0041581
721.970478	737.418343	758.189336	768.061831	776.728522	766.846118	786.895406	806.417931
154.652708	171.650765	187.431914	210.601041	223.874722	253.431535	265.388655	265.531686
4.72502884	5.03232173	5.03739782	4.97217662	4.83534575	4.82918499	4.86987967	4.61752481
77.6828997	78.8553851	77.3066317	83.0523807	83.0697933	89.8727751	81.2876549	78.7217899
561.63561	546.116211	494.49571	505.353591	493.781798	475.14087	441.936553	421.62845
13.569295	11.1635929	9.31244286	8.92665964	8.86132255	8.27952873	8.74667881	8.49473216
26.2603349	25.9270654	26.4482412	26.1538379	26.9549796	30.749384	30.4755646	32.6281835
1406.37902	1330.03256	1261.90843	1324.22551	1374.04023	1411.26597	1427.97374	1375.83408
280.215929	324.877316	296.914727	317.902183	338.699814	336.609645	355.539163	302.4428



71.2660205	76.00281	74.9339065	78.5112776	79.3466072	77.7172432	78.0351898	80.4090926
13.1129236	14.5012942	14.3844879	14.1068558	16.1422077	18.3262683	18.2231425	19.1121917
29.9766546	30.7233545	32.1412436	32.6664431	33.9664658	33.636082	33.4797601	35.2671345
0.08533584	0.0929724	0.08262184	0.08621078	0.08247268	0.08194555	0.08674967	0.08777106
0.12113302	0.12659223	0.1367845	0.14507802	0.12377272	0.11776756	0.12910738	0.13464914
594.769747	602.702098	611.802699	663.999195	693.484407	698.629614	695.680489	691.318923
119.528886	124.216633	122.741023	125.970895	133.076382	137.157389	139.633351	138.012848
12.2052015	12.8914289	13.8846733	14.7651694	14.7712912	15.8786673	16.4746447	17.3990214
18.8787175	22.3441364	25.7741598	24.8962835	25.4651015	28.232995	28.0773979	30.1893325
2.75716159	2.74776984	2.89339982	3.18103237	3.32454525	3.46321192	3.42301033	3.76544752
96.1650318	100.461312	100.177037	106.01723	62.5601563	99.5280866	90.6133063	80.3768048
0.2474228	0.25729996	0.26845978	0.28834636	0.25039072	0.25915841	0.28189155	0.29850752
29.1657613	30.4333669	29.0348215	31.1201757	33.4652771	35.4217728	33.1712969	33.9009781
2.82260981	2.6866371	2.78646625	2.7821008	2.81269553	2.87128712	2.76052466	2.75281873
24.1343932	24.8360609	21.7718184	22.7259466	23.5967747	23.9360292	22.4147686	22.4954118
12.2843157	12.1632381	11.557303	12.2010987	12.0458238	11.8013433	11.2695919	10.7752925
12.8897458	12.2587004	11.5344364	12.5919542	12.0842894	12.0603971	11.835067	11.6906524
2.01361656	1.67891779	1.77843187	1.80018456	1.7709737	1.82771391	1.89725676	2.17430693
72.9424045	76.6230243	76.6484543	80.5797388	85.9723206	88.730135	89.6545229	91.1928716
10.8913738	10.557889	10.3836289	11.4575428	11.6608126	11.2834278	10.7157845	11.2747724
26.9349096	27.4167954	27.7254547	28.3000096	28.4360915	29.7051719	29.123841	30.6556091
0.97776514	1.06396323	1.09671285	1.17345928	1.26914216	1.58003974	1.76549784	2.35437228
658.354691	664.556279	652.854731	669.998346	683.038939	700.474728	693.195612	682.593964
12.8232934	12.6678841	11.5779861	11.7417058	12.908164	12.3025124	11.4371973	10.9744379
22.5738745	23.9038692	25.2521423	26.7280265	27.5251799	28.5961161	30.2806895	31.3267338
3.03516613	3.0657741	2.86883805	2.96160525	2.98670672	3.07248534	2.73592853	2.73007926
107.129327	105.831939	106.359262	108.36468	107.336177	109.38481	112.66175	118.074558
30.742422	31.7342365	35.1587029	38.2561758	43.8330025	45.0487672	47.5209795	50.7410464
15.0718522	14.6802825	13.8374292	14.7182382	19.5739266	22.6397633	24.141849	25.4364153
10.8203312	10.6198544	11.1631222	11.3969995	11.7949834	12.3359287	12.378953	13.0549826
0.97054591	0.98657558	1.06506182	1.13284168	1.17137697	1.17006401	1.16823726	1.16965432
4.56976012	4.69259541	4.69149055	4.9822207	5.0092174	5.12115698	5.27595391	5.48039793
10.0111414	10.5651603	10.7383213	11.4398426	13.0388026	13.3194762	12.9868467	13.2571207
246.586244	258.687122	241.567897	256.557194	258.732419	260.459867	278.597372	293.004487
9.0840188	9.9755358	9.93114799	9.93607831	10.0799558	11.3637852	10.9252651	11.6481884
3.02155651	2.93523054	2.95197542	3.74595665	3.79328286	3.82523512	4.20545141	5.08478498
21.6148746	22.5084834	23.5321184	23.3175278	24.1077431	25.8712781	27.2229697	28.5174981
334.21726	338.642258	321.582533	345.845814	368.081456	372.384113	377.911126	388.366508
15.1009735	14.9662814	15.0359129	15.4488111	16.4659146	16.9619451	17.0231782	17.7463555
217.924881	213.407985	207.574155	219.240952	206.143224	203.303175	201.137128	193.012486
60.8562913	62.5286998	59.4510635	62.5711834	61.0619019	59.337122	60.0826309	59.9831423
36.4584412	37.3064791	38.4097086	39.7986183	41.2237907	41.4638634	42.9855856	43.5396281
86.834763	86.4810832	84.3427224	84.707952	84.2193484	86.8308719	85.6282929	87.1596065
70.6785437	70.100657	72.1628489	76.4206598	85.5183612	94.3645881	98.9242492	103.64842
372.334905	375.308243	385.667386	377.482143	386.250764	389.497693	405.603082	422.282718
12.8574365	12.8485326	14.3411148	14.9333711	15.9857708	16.4324845	16.3203962	16.6602578
65.258395	68.7885167	72.3979083	76.7140704	80.6042657	80.851809	82.9114509	85.747652
151.378635	153.737986	156.562065	162.364998	163.563183	168.69643	178.859368	186.46406
1.46402033	1.48154803	2.28395647	2.20535064	2.46568896	3.72144696	1.88111941	1.32274241
8.68854382	9.28292894	7.60364285	6.53731777	6.78366723	6.58007801	6.99543666	8.61367818
423.160101	414.565358	397.998542	417.002815	413.654232	408.659745	401.804172	386.670305

20.8962121	18.2483845	16.7714317	16.1421643	14.3072931	13.9025937	13.4840301	14.0696993
96.8070519	104.130835	101.106753	98.7872585	79.8643566	77.7602984	66.8297985	70.5876311
77.0854244	74.5710396	73.5474177	68.3396464	66.4025789	64.4887441	62.6107476	62.3707502
29.6882818	30.8580643	33.4280353	36.4040622	36.7749521	37.9494051	38.6683521	41.0173999
1.05108871	1.07359607	1.0363168	1.09323553	1.06115574	1.03020113	1.1004222	1.08856634
80.0176387	85.4679127	87.0687521	93.7454018	107.02567	116.304876	127.198002	135.921556
2.46721636	2.67637619	2.80605367	2.96897216	2.87498625	2.91412363	2.91967837	2.90923737
143.021475	140.752644	118.789293	117.429309	123.439185	120.715256	112.543213	113.128535
2226.29629	2217.40168	2104.32711	2203.25471	2297.97804	2304.15935	2254.96034	2242.67211
5.10123751	5.30547274	5.45299659	5.73067112	5.69066945	5.85983161	6.05863904	6.13029873
502.466818	538.817055	558.38244	603.145179	634.093351	669.549198	678.185872	720.933611
76.7819785	75.7970153	71.180253	72.9131198	77.24916	69.7118884	71.0829207	61.5291927
120.006699	121.608153	123.495894	124.33509	121.113511	122.862239	124.200395	126.148981
684.927445	686.032018	652.67417	701.242321	702.904115	656.176788	653.439654	674.684379
17.2627329	17.9622456	18.6988963	19.4066782	20.1697478	20.497904	20.9956801	21.7278537
51.1666272	50.4513397	51.4465726	58.0515609	60.4483301	58.5909173	62.0155035	63.9152957
0.01308028	0.01361025	0.01379721	0.01467361	0.01521863	0.01541613	0.01825513	0.01822691
0.53292594	0.54416423	0.54685625	0.58366929	0.60465155	0.61107136	0.64018897	0.62714871
4.90160706	5.10515974	5.41425116	5.68190765	6.0896955	6.57265305	6.73721202	7.02525667
12.9788756	12.1503053	11.8764801	11.5243016	11.4334406	11.689708	10.8678889	11.3481277
28.8687753	29.3021349	29.6830502	29.9731404	30.2890257	30.511815	30.5724944	30.7398075
0.03395217	0.03541927	0.03848936	0.04245616	0.03392257	0.03461524	0.03960776	0.04351065
0.16457951	0.17390796	0.1865738	0.19634626	0.20147352	0.20833983	0.21082083	0.20938395
2.34699909	2.43329221	2.5335818	2.84438064	3.08008862	3.54521863	3.41870816	3.78699531
51.6027227	51.3577557	47.0334397	49.8354434	48.0971277	45.7986054	46.1916487	43.4423211
23.5832534	24.1956844	21.9375086	22.0572973	20.9896376	20.3716156	20.2291045	18.5989971
68.9309742	67.3555636	62.5016561	68.2211813	63.6253162	60.8215929	58.776814	57.3444002
3.18468635	3.11843123	3.08213421	2.78552769	2.66032911	2.67287984	2.8828769	2.89277173
0.93533158	0.99618259	1.09668286	0.993693	0.8608747	0.97460449	0.88799753	1.00798466
92.1161866	91.7671993	89.0621329	88.6959343	84.4845357	66.474821	47.898766	42.9689438
0.06181568	0.06934641	0.07607731	0.08376095	0.06706382	0.06955083	0.0790206	0.08683163
40.307745	42.0941867	44.2004877	46.7670821	49.0317462	52.181369	54.9112264	57.8335015
5.57045679	6.06452038	7.49160435	7.40175135	7.321145	7.78335673	7.66024065	7.43617775
385.658245	388.012729	386.836364	408.580586	408.195016	426.778391	437.456025	426.347114
13.9749054	12.7595224	11.9967551	11.8706803	11.8342908	12.8062862	13.0285906	14.4923842
89.8172733	93.568497	81.7413527	88.8478249	95.5392758	99.4494887	98.3563943	96.9190354
2.09380124	2.29715372	2.2316254	2.13633847	2.28409723	2.68384876	2.4191401	2.20164076
0.22572326	0.23573084	0.24315144	0.23884522	0.23254184	0.23188823	0.23335153	0.24667579
46.5136065	45.3817529	44.3784861	48.0767722	48.2142142	44.6884695	43.8760289	43.7185701
37.080172	38.3596502	38.2456075	40.131814	38.2383457	40.2434924	39.9762106	41.9326605
392.446719	390.706894	398.057614	414.362173	438.868458	458.627875	455.384203	481.857594
341.644661	324.646834	306.454255	313.608345	320.162826	314.535316	319.793722	324.572408
47.9290767	50.0549762	50.5789716	53.880356	58.6732979	61.5167335	65.8198046	67.4897697
25.6367659	33.105153	34.4087405	35.4636138	37.0264732	38.2118731	39.2427966	40.9606273
463.923571	447.84107	381.622371	404.169403	435.798251	426.554631	418.004885	366.085795
38.7963875	42.459966	41.8283872	38.8178533	40.0805027	40.6410722	39.4306811	39.5672126
7106.62678	6927.6771	6461.88306	6709.53429	6509.59218	6268.253	6409.41893	6448.33133
180.117096	191.4359	173.35089	192.900715	198.571351	187.279333	186.514874	178.541455
0.1329486	0.13696259	0.18141601	0.15364927	0.1267358	0.14467204	0.13768683	0.14770712
245.870631	256.999415	255.024405	260.152063	257.156869	283.601665	282.672013	280.421861
0.06193218	0.06836919	0.07718823	0.08446634	0.06946071	0.07123177	0.07991627	0.08487501

247.173344	258.114769	277.606738	294.361926	296.752864	296.296594	305.042684	320.586958
0.66774209	0.67117064	0.65402111	0.67734529	0.71181058	0.68103042	0.68516338	0.71191263
0.42610699	0.42964603	0.44011225	0.46917561	0.48169355	0.48688435	0.50154149	0.51010924
50.9182502	50.2156172	53.4719261	52.979084	47.3660573	44.4647022	52.8965114	51.6161025
576.074164	606.043052	574.173521	582.477831	562.873501	583.020668	595.401536	608.851561
15.875215	16.0462317	17.8437145	18.8699993	18.7092152	22.058511	22.8477402	23.5032911
26.2003326	23.5997458	24.2902321	27.4833832	34.0082994	31.1238085	31.3295714	29.1229897
4520.99948	4410.83922	4119.99218	4235.32251	4126.76707	4059.74964	3972.17499	3825.5284
43748.941	44027.325	43604.4635	45814.9434	47176.9963	47789.9897	48587.8991	48930.1768

2015	2016	2017	2018	2019	2020	2021	2022
0.49099025	0.51453946	0.49614053	0.49553192	0.5889979	0.48215994	0.53120151	0.53360309
27.4083318	26.6339985	27.6919271	27.5532816	26.9827766	26.6463201	27.6430744	28.6140712
81.7750306	78.8758895	73.4244094	69.5046383	69.9108319	61.680081	64.4089943	67.2108417
0.03133418	0.03172847	0.03247552	0.03159422	0.03094774	0.02603706	0.02522427	0.0250684
543.354255	567.631287	597.77158	624.135612	633.464502	302.632337	335.728729	416.953422
8.73993497	8.35652176	9.16405893	9.15284341	8.61859292	7.96735639	8.39525131	7.81202177
5.93697547	5.16175203	4.16131258	3.36923766	2.61040376	2.14421285	2.33441964	2.4196201
253.989489	261.993308	254.117087	238.563375	251.590584	249.323734	256.964881	267.632929
358.493633	361.234943	364.473748	363.818994	360.926233	347.312373	367.613979	374.761264
8.82390034	8.65547425	8.86810449	8.99514548	9.47145665	9.99363698	10.6713764	10.3645382
0.35892221	0.38376356	0.3457314	0.36346839	0.40723058	0.34131377	0.37104908	0.37226967
602.058356	603.847996	613.430248	611.321323	609.169809	584.571474	580.737834	569.010298
82.1687439	82.7174235	85.1630537	82.2069213	83.4573558	77.2733542	80.7241592	75.4084686
53.3631999	53.128275	52.8886213	53.6009578	56.3803387	54.724451	56.9861714	59.0262823
5.30570251	5.61476324	6.24742792	6.46256388	6.11005744	6.03657522	6.83535202	6.9961858
126.734729	125.747107	123.728337	124.177973	123.713784	115.817716	119.752697	112.279668
13.6032336	15.3051924	15.6436116	17.1477572	17.1674203	17.6527651	16.0186302	16.6149732
28.1901663	28.9124759	29.9826197	31.0986674	32.4431084	28.8247472	33.6444994	34.0210263
228.564792	235.618837	247.570282	252.564076	255.846983	251.559293	269.411054	278.488856
63.86992	61.364337	63.72077	60.0508919	58.4266311	53.5658595	60.0299089	64.2326073
59.0108205	59.2432309	59.0786711	59.1377648	63.0203169	63.1845252	63.387758	62.5054712
1.45322433	1.58394934	1.72096687	1.89139422	2.12889771	1.79100055	1.94882091	1.95751752
27.8190137	31.2268086	31.8294458	32.2319557	30.5257531	30.4447727	30.2786631	30.2396995
89.2525982	88.4503959	90.1880136	93.5000472	91.3407469	88.5805896	88.6951631	86.8031124
0.8187214	0.84332162	0.8858553	0.84634712	0.88085791	0.83334322	0.86808393	0.89140919
0.25889003	0.34140497	0.31444982	0.34086087	0.38773314	0.34407803	0.35957601	0.36064965
47.2419671	48.991006	49.6266188	50.2782153	51.18272	48.01611	52.1084739	53.5024986
1252.30527	1227.83245	1239.03991	1216.09132	1220.40272	1215.99915	1294.51147	1298.48935
0.91249461	0.96733275	0.87744666	0.93496538	1.03171115	0.86468642	0.94943905	0.95183286
9.8231356	10.2320995	10.2294574	10.457875	10.1267012	12.5740014	12.3323089	11.8873215
2.58274111	2.74004843	2.89846674	3.16612956	3.3305687	3.06515258	3.18697271	3.21760676
13.0305597	12.1479501	12.4307445	13.4336031	12.1699765	10.5047321	11.5476329	12.3927169
11.7563762	12.5092083	11.9886169	12.277545	12.091463	12.4974313	12.626826	13.0242787
755.905719	750.600882	770.47668	794.173713	788.007679	711.931324	728.267914	745.245079
49.3177772	49.8099981	48.8921355	47.5975706	47.4034917	44.9823335	46.7314649	43.5626537
116.23038	121.388743	123.525488	125.276392	131.529094	124.090855	125.290782	125.387991
13118.8956	13105.7153	13362.3182	13955.6932	14275.5313	14497.8987	15175.6191	15159.642
26.1031554	27.1981243	28.0978776	27.5431583	29.4228299	29.500561	31.5285565	32.168696
37.9969585	38.1958518	36.9446692	37.3027024	38.0044062	38.7752262	38.8882549	39.4891905
45.4546273	45.9287069	48.5655757	47.962092	49.5606736	50.7936782	52.2353041	55.5895871
19.9936951	19.6892441	21.3553353	24.9947796	26.150167	25.0299003	23.1305553	23.7270104
0.11299696	0.11849344	0.12805773	0.13007931	0.13506264	0.13658869	0.14259351	0.14976391
185.611742	189.415556	185.678214	193.691728	198.594469	196.503399	208.076255	213.106142
0.56777672	0.60381239	0.66663729	0.69651408	0.75013995	0.77208724	0.77358584	0.75769032
0.99525469	1.03857765	1.07077058	1.07571395	1.13328026	1.18973497	1.21291281	1.26070993
14.3637477	15.0613815	15.4526166	15.9638968	15.8555801	14.3720901	15.6863806	15.927069
48.6360592	46.733612	45.4835119	45.8460607	43.4147437	39.5182332	38.8493501	38.2368273
0.27764333	0.29076651	0.30913099	0.29847375	0.40779923	0.33581094	0.36924074	0.37096622
8.36570008	8.79807688	8.99716783	9.23235014	9.75019307	9.33046353	9.61439294	10.0763773
133.500385	134.643028	135.490902	133.983534	127.858151	117.974195	123.432374	123.930981

907.520119	910.018307	893.890419	861.889182	808.789708	749.799713	783.488625	761.983523
2.06323282	2.04076914	1.976805	2.03796222	2.04091929	2.08443189	2.14840949	2.12191556
0.13865035	0.14430891	0.1353432	0.14126012	0.15079063	0.13473263	0.14225813	0.14257916
49.1552808	51.1088141	48.9236483	49.1607926	45.8437997	43.5572755	44.9409525	43.2261344
38.0944651	39.4978132	38.7748877	41.2065642	44.2906378	43.0089906	46.2079891	46.4123796
236.183624	234.105047	239.171858	247.903305	254.404379	241.131971	253.945687	263.216121
71.7703085	70.8320078	69.1554203	70.1745073	70.088511	64.5464617	68.6257057	70.664161
322.197607	334.9407	347.605388	342.309503	316.591816	306.763107	332.306002	333.343896
6.00429137	6.09196879	6.09393764	6.20883502	6.26639775	6.29628279	6.38184326	6.36900194
0.62037702	0.62458551	0.60009516	0.61286561	0.62791228	0.59909323	0.65034224	0.68088324
350.23533	341.624613	355.273009	348.249155	329.753805	290.387562	308.595371	304.88633
23.9178704	23.781204	25.1770546	26.4941971	18.7810757	14.5110797	15.2835855	15.5683308
139.166176	145.467142	148.767297	153.288958	164.538876	169.992793	164.832728	166.832915
60.222274	63.0082278	59.9537069	61.3156269	57.8329449	52.6471409	52.4482746	48.2203958
2.60171359	2.59936102	2.82093506	2.9430899	3.13199298	3.09190955	3.14109606	3.30878639
0.16430774	0.16602812	0.16428371	0.16579587	0.16858989	0.16471019	0.1703089	0.17056424
460.379617	461.959181	465.01879	451.870049	441.630678	398.351293	429.48731	416.112202
0.0494389	0.04971637	0.0501032	0.05039004	0.05030003	0.05070096	0.0509997	0.05060677
21.3624196	21.3487706	19.5359447	18.0983804	19.9416431	19.7597806	18.8278883	19.7558939
501.07831	478.240084	467.042677	458.139866	440.596653	399.603636	419.634172	406.519509
16.5705343	16.9928461	17.0815809	16.9599049	17.690351	17.3462209	18.1762564	18.7248946
33.3087328	33.8524483	37.0348538	39.6561741	42.7138098	45.3547936	46.9902531	48.2049192
0.6089672	0.63470612	0.67296011	0.71367295	0.74164416	0.66216518	0.66960624	0.69842914
22.2688552	23.2895667	24.2095369	25.0461854	25.7187589	26.33277	26.9913256	27.9609896
1.40699035	1.40848326	1.40781039	1.41056581	1.40926261	1.40793687	1.40818785	1.40852464
2.07773059	2.00029833	1.93161942	1.81807002	1.91868274	1.9232143	1.83738058	1.91826562
2.80909942	2.85853494	2.75275526	2.79918151	2.87411777	2.89155666	2.93010088	2.99905911
14.2781677	13.1701616	11.7744865	10.013489	9.43055569	9.3375266	8.62463964	8.17704987
91.5033017	90.0981058	90.4413541	87.8872869	82.1539176	71.7053026	73.0659082	73.1544434
0.16938279	0.1804612	0.18139045	0.18517643	0.205564	0.17723486	0.19104856	0.1922875
0.59188485	0.59071331	0.57894822	0.58404865	0.58865676	0.59191251	0.61308435	0.64080439
36.1925715	37.7875082	37.3722123	39.5760567	40.8122381	39.3007659	42.2423536	42.3105635
0.51800067	0.53004856	0.52953255	0.5359665	0.54210917	0.54402133	0.55192877	0.55382524
5.69097285	5.74845609	5.90774565	5.96657009	6.29308313	7.36570315	7.35802883	8.28523864
49.3574145	50.2645776	49.4034445	49.3827285	48.8901914	40.5205264	40.4719431	38.0263245
21.4023925	21.4223957	20.2532622	20.1251829	21.4920569	20.3315543	21.4947347	22.1065256
25.2582506	25.8151775	26.4474421	25.3798066	25.6432914	25.039989	25.3687186	24.9903562
13.3604569	13.6584887	13.6802553	13.9325934	13.7929619	13.5011166	13.4188386	13.5126368
63.4082931	64.0744414	67.2143478	67.2055	67.2239609	65.8413352	67.1101042	64.2695494
907.315264	902.771405	957.373058	1055.33902	1108.7777	1050.33915	1077.07784	1152.72601
3302.48755	3355.64793	3498.40207	3661.8658	3642.41044	3433.61898	3679.86178	3897.20899
64.9943838	68.2393161	67.3028325	63.4646587	61.4488645	59.2584512	61.3156161	60.3785589
801.402318	847.114728	875.399398	865.533856	876.714355	889.285858	931.629974	960.494308
275.917414	322.764012	338.209872	354.946564	376.876997	331.582276	335.790831	365.295982
4.83219425	4.37914959	4.56860632	4.56608435	4.40227927	4.19885269	4.35878241	4.37106532
82.3648198	82.7579499	82.7822399	79.3763113	81.7791484	78.1303981	78.4457491	80.7368326
429.804339	424.73358	422.530877	417.447917	408.436249	369.458895	406.70218	403.121525
8.3648852	8.89076258	8.59620464	10.0004539	9.74844475	7.16454984	7.73225466	7.65613181
32.6653253	32.8434355	34.3863868	33.4242785	32.161784	30.3144023	31.4919374	31.8234064
1333.58368	1331.34982	1316.81129	1276.5143	1236.49208	1168.75337	1181.76956	1107.57579
270.568117	282.963222	299.62367	303.280575	291.283018	300.442132	323.213116	320.917119

82.6469366	88.9606654	86.0632827	88.3122331	97.0058028	108.42155	101.810586	104.28648
19.5741414	19.324841	19.6796523	21.8019004	20.8675301	20.0055274	21.3904505	21.4237899
36.9095841	39.4898293	41.4016949	42.2579056	45.7722188	46.5093982	48.1608607	47.5991204
0.09015325	0.09646657	0.10821106	0.11045788	0.11419909	0.11606894	0.12078825	0.12639196
0.14040846	0.15000027	0.1425381	0.14829089	0.16528341	0.14155459	0.15834389	0.1654536
709.360443	726.391489	736.573611	741.155709	722.192891	689.106589	710.522981	668.324909
142.559946	147.501528	145.229207	148.768248	150.247612	149.033411	157.800567	165.381382
22.3978105	30.0621857	33.4167325	33.976859	33.6954317	34.4791825	38.7937653	40.0749699
32.4248621	33.6616554	35.3586666	33.7291726	33.4963217	28.4877641	23.7194861	23.9672044
3.8678783	4.00756269	3.81790859	4.01530322	4.21587663	4.35580472	4.41524129	4.56429635
71.9170462	68.3242814	82.1771894	88.616881	91.8713336	64.3830813	90.1063131	88.9992367
0.30537772	0.32195542	0.32942403	0.32211541	0.45294506	0.39662907	0.42674971	0.43196891
38.4938732	41.0673465	38.2382858	39.0050064	40.2613318	39.7965574	40.5734931	37.6734118
2.69906152	2.72151457	2.91240465	2.74439591	2.64741692	2.42880677	2.5269358	2.65270778
23.2804296	22.708611	23.0753026	22.7973783	23.0030208	22.6807068	22.4951621	20.8036059
10.242243	9.99376206	10.1468349	10.4125668	10.5605038	8.83640563	9.20805911	8.12616374
11.9636497	11.990808	11.8694223	12.4379456	12.2526782	11.648954	11.8645278	11.0834957
2.85758832	2.72559024	3.29405786	2.60161769	2.8048893	2.96961459	2.90572812	3.0250762
93.4703032	93.8478609	97.7911339	99.8083688	107.114901	103.17785	109.283255	106.45111
11.5594283	11.8406968	11.866772	12.5595373	12.618894	12.3106917	13.2056255	12.9546894
31.0239767	31.0866138	31.5968407	30.316606	32.2724673	31.7288155	33.0135171	33.2946659
1.74000215	1.89228447	1.99945785	2.3033651	2.65660638	2.70281756	2.83259602	2.98649582
692.728199	703.160896	709.414637	687.018767	698.174791	643.880869	670.552789	687.544063
10.5618223	10.265057	10.7157958	10.252423	11.323633	10.2929529	10.2404388	11.001278
33.339344	36.7560233	39.2257775	41.0897875	42.3132982	43.4924803	45.4257633	44.8341822
2.04778149	1.75665344	1.95694934	1.94140063	2.03789711	1.97851469	1.98590586	2.11231246
121.878141	127.360136	143.381724	119.652237	119.785892	121.139507	119.210057	118.337644
48.6868129	56.5520065	63.6062487	66.7889242	71.8563291	65.5308271	67.2936402	66.879111
25.2522848	27.5873005	30.0958697	33.1999919	30.4710973	28.513334	31.9214294	34.4321832
13.4062862	13.3229454	14.5322116	14.8510364	15.6787584	16.0046709	16.1344263	16.4386223
1.1692953	1.17037701	1.17107048	1.16657	1.16586633	0.8983532	1.04111138	1.16637097
5.52989742	5.64353998	5.88265535	5.89413652	5.97242838	5.56775781	5.85902895	5.9747284
13.5333877	13.886138	14.7527177	15.9442175	17.358447	17.2979656	18.4271418	18.5994883
296.045595	292.446347	280.582436	297.037795	297.886775	294.666419	299.786486	315.788504
11.7777681	12.7104266	12.2556738	12.0824506	12.2071554	11.2558427	12.1439947	12.7782772
4.88096236	5.21052435	5.07311746	6.612083	6.68228646	6.90527369	5.99796711	6.27751942
29.5651507	30.9156441	32.1322206	33.711326	35.4849927	37.1539545	39.1380632	40.9170735
382.051014	377.916031	383.458448	394.333241	408.143105	381.242378	386.799732	380.162502
18.9586195	19.2344469	19.2872455	18.754679	19.2388315	19.140016	19.7546396	20.2156486
201.011077	203.058633	199.346239	193.089274	187.410784	170.50037	174.717776	161.166114
61.0499133	60.3958935	60.348969	60.0139481	58.3849255	57.1396686	57.9058267	57.2455536
43.2156233	48.4645395	50.5362571	52.9341735	51.6164938	54.8584287	55.3800995	55.8488277
86.0303322	85.8132892	87.1284423	86.7386116	87.6415183	84.7780552	84.5622756	83.3889949
109.232493	112.679947	112.984442	116.456398	117.588756	113.213279	119.858115	125.24254
433.005665	464.178464	488.665127	484.921376	488.952594	525.798357	551.049629	536.052208
16.4542127	16.6307865	16.1488885	16.090405	19.2706397	15.8089151	17.2290352	18.4553357
87.7309723	90.2763323	88.3111063	88.4170168	92.1860124	81.0318146	87.9730207	92.2009437
196.066177	207.981752	226.178655	232.333477	240.153681	229.349807	240.411682	244.525817
1.2537197	1.2011323	1.25575556	1.28728393	1.32703698	1.33618114	1.38973188	1.46215272
9.64839441	10.3553452	10.2466214	10.3063075	10.8332972	9.61537101	9.25104615	9.50623666
388.629684	400.084726	413.870835	413.076167	394.673416	377.510473	405.082508	397.221577

14.6258323	13.8497812	14.0515975	16.0534735	14.8752111	14.6701629	14.8865001	14.8762283
60.8734518	66.4488582	103.052248	93.9037457	102.046678	96.746312	83.001089	85.6923256
66.6996998	65.8144325	71.1543086	67.3133017	63.0957924	57.4528814	55.7886544	56.2175737
40.7554532	41.1045287	42.3264555	41.8885926	42.27692	42.560876	43.4393988	41.6068845
1.11101802	1.1145934	1.11291618	1.15892892	1.19416364	1.21069222	1.2660554	1.33169474
139.637015	139.924623	139.464405	140.317687	142.510946	140.1496	143.12922	144.464887
2.8847732	2.90243632	2.90384877	2.91230133	2.90850139	2.89595627	2.90226464	2.90473463
114.241175	114.170122	117.675757	119.045942	117.199405	110.766519	115.836354	110.958754
2257.6371	2246.93991	2298.19171	2401.49424	2482.83401	2395.61561	2547.95536	2621.51802
6.78341897	6.81047553	6.96205449	7.24721294	7.41836986	7.52819554	7.68726072	7.47479449
752.734042	757.292518	752.53588	736.553089	738.504643	733.063491	751.180465	786.955222
69.8721694	72.0679095	72.0837089	70.3263565	70.627154	71.4388861	69.4588826	69.0308163
129.578361	133.458947	133.14548	137.694275	137.621996	136.671957	138.266267	137.728595
702.185529	721.171997	748.925763	752.118659	735.346538	671.578717	692.682465	739.009249
23.2952256	24.8506403	24.850683	25.7452051	26.3143567	26.9667072	28.3660699	28.7935883
65.7515105	63.8809487	69.1030211	67.0904023	69.5814705	68.0695073	70.8683871	71.8470411
0.01831844	0.01903091	0.0197729	0.02066309	0.02040404	0.01906892	0.01939259	0.02073825
0.59106912	0.58612015	0.6015995	0.62822683	0.63958648	0.6507114	0.67434087	0.70150567
6.43502308	6.74913835	6.73649598	7.62461886	6.50218668	6.63244114	7.47465092	6.92657648
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**2023**

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Substance	Sector	EDGAR Country Code	Country	1970
CO2	Agriculture	AFG	Afghanistan	0.02922857
CO2	Agriculture	ALB	Albania	0.1133
CO2	Agriculture	ARG	Argentina	0.10434285
CO2	Agriculture	ARM	Armenia	0.0552882
CO2	Agriculture	AUS	Australia	0.31114284
CO2	Agriculture	AUT	Austria	0.00644286
CO2	Agriculture	AZE	Azerbaijan	0.04146615
CO2	Agriculture	BEL	Belgium	0.04174762
CO2	Agriculture	BGD	Bangladesh	0.20852854
CO2	Agriculture	BGR	Bulgaria	0.9178714
CO2	Agriculture	BIH	Bosnia and Herzegovina	
CO2	Agriculture	BLR	Belarus	
CO2	Agriculture	BRA	Brazil	1.14101427
CO2	Agriculture	CAN	Canada	0.61704761
CO2	Agriculture	CHE	Switzerland and Liechtenst	0.01361905
CO2	Agriculture	CHL	Chile	0.05562857
CO2	Agriculture	CHN	China	4.638333
CO2	Agriculture	CIV	Côte d'Ivoire	0.00471428
CO2	Agriculture	CMR	Cameroon	0.033
CO2	Agriculture	COL	Colombia	0.16201426
CO2	Agriculture	CRI	Costa Rica	0.05342857
CO2	Agriculture	CUB	Cuba	0.46357142
CO2	Agriculture	CYP	Cyprus	0.04211429
CO2	Agriculture	CZE	Czechia	1.65886174
CO2	Agriculture	DEU	Germany	1.55791427
CO2	Agriculture	DNK	Denmark	0.00785714
CO2	Agriculture	DOM	Dominican Republic	0.12697143
CO2	Agriculture	DZA	Algeria	0.22125714
CO2	Agriculture	ECU	Ecuador	0.05300952
CO2	Agriculture	EGY	Egypt	0.82578568
CO2	Agriculture	ESP	Spain and Andorra	1.1007857
CO2	Agriculture	EST	Estonia	0.0765972
CO2	Agriculture	ETH	Ethiopia	0.01377619
CO2	Agriculture	FIN	Finland	
CO2	Agriculture	FRA	France and Monaco	2.78457141
CO2	Agriculture	GBR	United Kingdom	1.23482857
CO2	Agriculture	GEO	Georgia	
CO2	Agriculture	GRC	Greece	0.47771429
CO2	Agriculture	GTM	Guatemala	0.07542857
CO2	Agriculture	HRV	Croatia	0.03889712
CO2	Agriculture	HUN	Hungary	0.91818568
CO2	Agriculture	IDN	Indonesia	0.57823325
CO2	Agriculture	IND	India	2.46195684
CO2	Agriculture	IRL	Ireland	0.03362857
CO2	Agriculture	IRN	Iran	0.26923807
CO2	Agriculture	IRQ	Iraq	0.06332857
CO2	Agriculture	ISL	Iceland	0.00722857
CO2	Agriculture	ISR	Israel and Palestine, State	0.09538571
CO2	Agriculture	ITA	Italy, San Marino and the H	1.03509995
CO2	Agriculture	JOR	Jordan	0.00754286

CO2	Agriculture	JPN	Japan	0.55345712
CO2	Agriculture	KAZ	Kazakhstan	0.07141393
CO2	Agriculture	KEN	Kenya	0.01807143
CO2	Agriculture	KGZ	Kyrgyzstan	0.15722583
CO2	Agriculture	KOR	South Korea	0.41375707
CO2	Agriculture	KWT	Kuwait	
CO2	Agriculture	LBN	Lebanon	0.0836
CO2	Agriculture	LBY	Libya	0.02540476
CO2	Agriculture	LKA	Sri Lanka	0.17317142
CO2	Agriculture	LTU	Lithuania	
CO2	Agriculture	LVA	Latvia	0.05759188
CO2	Agriculture	MAR	Morocco	0.20978571
CO2	Agriculture	MDA	Moldova	
CO2	Agriculture	MEX	Mexico	1.1997333
CO2	Agriculture	MKD	North Macedonia	0.00907599
CO2	Agriculture	MLI	Mali	
CO2	Agriculture	MMR	Myanmar/Burma	0.05735713
CO2	Agriculture	MUS	Mauritius	0.03645714
CO2	Agriculture	MYS	Malaysia	0.15190474
CO2	Agriculture	NGA	Nigeria	0.02954286
CO2	Agriculture	NIC	Nicaragua	0.06233333
CO2	Agriculture	NLD	Netherlands	0.00958571
CO2	Agriculture	NOR	Norway	0.00094286
CO2	Agriculture	NPL	Nepal	0.02671428
CO2	Agriculture	NZL	New Zealand	0.09224285
CO2	Agriculture	PAK	Pakistan	0.5833142
CO2	Agriculture	PER	Peru	0.20239999
CO2	Agriculture	PHL	Philippines	0.36959998
CO2	Agriculture	POL	Poland	2.36803803
CO2	Agriculture	PRK	North Korea	0.64271424
CO2	Agriculture	PRT	Portugal	0.22125714
CO2	Agriculture	PRY	Paraguay	
CO2	Agriculture	QAT	Qatar	
CO2	Agriculture	ROU	Romania	1.09214283
CO2	Agriculture	RUS	Russia	5.07840973
CO2	Agriculture	SAU	Saudi Arabia	
CO2	Agriculture	SCG	Serbia and Montenegro	0.03781664
CO2	Agriculture	SDN	Sudan and South Sudan	0.10575713
CO2	Agriculture	SEN	Senegal	0.00288095
CO2	Agriculture	SLV	El Salvador	0.20428571
CO2	Agriculture	SVK	Slovakia	0.22245255
CO2	Agriculture	SVN	Slovenia	0.00378166
CO2	Agriculture	SWE	Sweden	0.0792
CO2	Agriculture	SYR	Syria	0.0858
CO2	Agriculture	THA	Thailand	0.08957143
CO2	Agriculture	TJK	Tajikistan	0.12727805
CO2	Agriculture	TKM	Turkmenistan	0.3282737
CO2	Agriculture	TTO	Trinidad and Tobago	0.044
CO2	Agriculture	TUN	Tunisia	0.06081429
CO2	Agriculture	TUR	Türkiye	0.71819522
CO2	Agriculture	TWN	Taiwan	0.74485712

CO2	Agriculture	TZA	Tanzania	0.03975714
CO2	Agriculture	UKR	Ukraine	2.07651971
CO2	Agriculture	URY	Uruguay	0.01293809
CO2	Agriculture	USA	United States	3.21812845
CO2	Agriculture	UZB	Uzbekistan	2.37679276
CO2	Agriculture	VEN	Venezuela	0.09496666
CO2	Agriculture	VNM	Viet Nam	0.22471426
CO2	Agriculture	ZAF	South Africa	0.15541428
CO2	Agriculture	ZMB	Zambia	0.03457143
CO2	Agriculture	ZWE	Zimbabwe	0.22
CO2	Buildings	ABW	Aruba	0.00536854
CO2	Buildings	AFG	Afghanistan	0.79530371
CO2	Buildings	AGO	Angola	0.12018615
CO2	Buildings	AIA	Anguilla	1.0636E-05
CO2	Buildings	ALB	Albania	0.99279409
CO2	Buildings	ANT	Curaçao	0.37750047
CO2	Buildings	ARE	United Arab Emirates	
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CO2	Buildings	ARM	Armenia	3.40625142
CO2	Buildings	ATG	Antigua and Barbuda	0.02210573
CO2	Buildings	AUS	Australia	10.5099132
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CO2	Buildings	AZE	Azerbaijan	3.56445279
CO2	Buildings	BDI	Burundi	0.02030808
CO2	Buildings	BEL	Belgium	35.1798015
CO2	Buildings	BEN	Benin	0.0409399
CO2	Buildings	BFA	Burkina Faso	0.08703464
CO2	Buildings	BGD	Bangladesh	0.87021339
CO2	Buildings	BGR	Bulgaria	25.6684506
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CO2	Buildings	BIH	Bosnia and Herzegovina	1.4638809
CO2	Buildings	BLR	Belarus	14.3192431
CO2	Buildings	BLZ	Belize	0.01263185
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CO2	Buildings	BTN	Bhutan	0.00097852
CO2	Buildings	BWA	Botswana	0.02510186
CO2	Buildings	CAF	Central African Republic	0.02901155
CO2	Buildings	CAN	Canada	98.3905608
CO2	Buildings	CHE	Switzerland and Liechtenst	17.8806591
CO2	Buildings	CHL	Chile	2.62736393
CO2	Buildings	CHN	China	218.887261
CO2	Buildings	CIV	Côte d'Ivoire	0.28170959
CO2	Buildings	CMR	Cameroon	0.05635676
CO2	Buildings	COD	Democratic Republic of the	1.07428122
CO2	Buildings	COG	Congo	0.04077504
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CO2	Buildings	COL	Colombia	5.17449584
CO2	Buildings	COM	Comoros	0.00870346
CO2	Buildings	CPV	Cabo Verde	0.06092425
CO2	Buildings	CRI	Costa Rica	0.08404114
CO2	Buildings	CUB	Cuba	3.10507507
CO2	Buildings	CYM	Cayman Islands	0.00552643
CO2	Buildings	CYP	Cyprus	0.11294616
CO2	Buildings	CZE	Czechia	42.0359419
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CO2	Buildings	DJI	Djibouti	0.29011548
CO2	Buildings	DMA	Dominica	0.00157898
CO2	Buildings	DNK	Denmark	24.8021449
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CO2	Buildings	DZA	Algeria	1.81140133
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CO2	Buildings	ESH	Western Sahara	0.03495248
CO2	Buildings	ESP	Spain and Andorra	15.2071632
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CO2	Buildings	FIN	Finland	11.7071221
CO2	Buildings	FJI	Fiji	0.3435889
CO2	Buildings	FLK	Falkland Islands	0.00063159
CO2	Buildings	FRA	France and Monaco	105.67823
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CO2	Buildings	GIN	Guinea	0.16246467
CO2	Buildings	GLP	Guadeloupe	0.02763217
CO2	Buildings	GMB	The Gambia	0.0319127
CO2	Buildings	GNB	Guinea-Bissau	0.01740693
CO2	Buildings	GNQ	Equatorial Guinea	0.01889541
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CO2	Buildings	GTM	Guatemala	0.21892546
CO2	Buildings	GUF	French Guiana	0.01973726
CO2	Buildings	GUY	Guyana	0.10599643
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CO2	Buildings	HND	Honduras	0.17656306
CO2	Buildings	HRV	Croatia	2.10554559
CO2	Buildings	HTI	Haiti	0.02199851
CO2	Buildings	HUN	Hungary	16.0268895
CO2	Buildings	IDN	Indonesia	6.56190461
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CO2	Buildings	ISR	Israel and Palestine, State of	1.68890789
CO2	Buildings	ITA	Italy, San Marino and the Holy See	66.9595568
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CO2	Buildings	JOR	Jordan	0.36300534
CO2	Buildings	JPN	Japan	94.1187246
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CO2	Buildings	KHM	Cambodia	0.09187783
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CO2	Buildings	KNA	Saint Kitts and Nevis	0.00315796
CO2	Buildings	KOR	South Korea	20.9272134
CO2	Buildings	KWT	Kuwait	3.37121648
CO2	Buildings	LAO	Laos	0.14507026
CO2	Buildings	LBN	Lebanon	1.0257156
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CO2	Buildings	LBY	Libya	0.36646682
CO2	Buildings	LCA	Saint Lucia	0.00631592
CO2	Buildings	LKA	Sri Lanka	0.8502894
CO2	Buildings	LSO	Lesotho	0.02901155
CO2	Buildings	LTU	Lithuania	5.45081581
CO2	Buildings	LUX	Luxembourg	1.32949371
CO2	Buildings	LVA	Latvia	2.64659942
CO2	Buildings	MAC	Macao	0.15474161
CO2	Buildings	MAR	Morocco	1.11458731
CO2	Buildings	MDA	Moldova	10.1419573
CO2	Buildings	MDG	Madagascar	0.02648219
CO2	Buildings	MDV	Maldives	0.00483568
CO2	Buildings	MEX	Mexico	12.1633044
CO2	Buildings	MKD	North Macedonia	0.18516208
CO2	Buildings	MLI	Mali	0.08703464
CO2	Buildings	MLT	Malta	0.1010806
CO2	Buildings	MMR	Myanmar/Burma	0.91895125
CO2	Buildings	MNG	Mongolia	0.66116537
CO2	Buildings	MOZ	Mozambique	0.56414823
CO2	Buildings	MRT	Mauritania	0.1218485
CO2	Buildings	MTQ	Martinique	0.03552707
CO2	Buildings	MUS	Mauritius	0.04713302
CO2	Buildings	MWI	Malawi	0.08703464
CO2	Buildings	MYS	Malaysia	0.40867669
CO2	Buildings	NAM	Namibia	0.29011548
CO2	Buildings	NCL	New Caledonia	0.48560175
CO2	Buildings	NER	Niger	0.00629844
CO2	Buildings	NGA	Nigeria	0.89922226
CO2	Buildings	NIC	Nicaragua	0.19137571
CO2	Buildings	NLD	Netherlands	40.0065014
CO2	Buildings	NOR	Norway	7.46259724
CO2	Buildings	NPL	Nepal	0.0696387
CO2	Buildings	NZL	New Zealand	2.8730307
CO2	Buildings	OMN	Oman	0.13154973
CO2	Buildings	PAK	Pakistan	4.40768891

CO2	Buildings	PAN	Panama	0.1066826
CO2	Buildings	PER	Peru	3.80015068
CO2	Buildings	PHL	Philippines	3.10515379
CO2	Buildings	PLW	Palau	0.67409285
CO2	Buildings	PNG	Papua New Guinea	0.58028103
CO2	Buildings	POL	Poland	61.11256
CO2	Buildings	PRI	Puerto Rico	1.95558485
CO2	Buildings	PRK	North Korea	11.9059453
CO2	Buildings	PRT	Portugal	2.81465129
CO2	Buildings	PRY	Paraguay	0.03522664
CO2	Buildings	PYF	French Polynesia	0.07253513
CO2	Buildings	QAT	Qatar	0.01259688
CO2	Buildings	REU	Réunion	0.12474966
CO2	Buildings	ROU	Romania	18.644401
CO2	Buildings	RUS	Russia	267.146975
CO2	Buildings	RWA	Rwanda	0.01879189
CO2	Buildings	SAU	Saudi Arabia	0.57106239
CO2	Buildings	SCG	Serbia and Montenegro	3.79548611
CO2	Buildings	SDN	Sudan and South Sudan	0.31426333
CO2	Buildings	SEN	Senegal	0.0722643
CO2	Buildings	SGP	Singapore	0.32652743
CO2	Buildings	SHN	Saint Helena, Ascension and Tristan da Cunha	2.3246E-05
CO2	Buildings	SLB	Solomon Islands	0.03384973
CO2	Buildings	SLE	Sierra Leone	0.14505774
CO2	Buildings	SLV	El Salvador	0.14949253
CO2	Buildings	SOM	Somalia	0.22919123
CO2	Buildings	SPM	Saint Pierre and Miquelon	0.0078949
CO2	Buildings	STP	São Tomé and Príncipe	0.00580231
CO2	Buildings	SUR	Suriname	0.11052867
CO2	Buildings	SVK	Slovakia	7.46546819
CO2	Buildings	SVN	Slovenia	0.86331567
CO2	Buildings	SWE	Sweden	36.6955724
CO2	Buildings	SWZ	Eswatini	0.04047419
CO2	Buildings	SYC	Seychelles	0.04351732
CO2	Buildings	SYR	Syria	1.10978122
CO2	Buildings	TCA	Turks and Caicos Islands	0.00070217
CO2	Buildings	TCD	Chad	0.0580231
CO2	Buildings	TGO	Togo	0.05668596
CO2	Buildings	THA	Thailand	3.14818456
CO2	Buildings	TJK	Tajikistan	6.70248807
CO2	Buildings	TKM	Turkmenistan	11.8028424
CO2	Buildings	TLS	Timor-Leste	
CO2	Buildings	TON	Tonga	0.00967135
CO2	Buildings	TTO	Trinidad and Tobago	0.13924605
CO2	Buildings	TUN	Tunisia	0.83144574
CO2	Buildings	TUR	Türkiye	10.8520057
CO2	Buildings	TWN	Taiwan	3.97164038
CO2	Buildings	TZA	Tanzania	0.19123489
CO2	Buildings	UGA	Uganda	
CO2	Buildings	UKR	Ukraine	59.6233938
CO2	Buildings	URY	Uruguay	1.00361407

CO2	Buildings	USA	United States	883.656642
CO2	Buildings	UZB	Uzbekistan	24.2901236
CO2	Buildings	VCT	Saint Vincent and the Grenadines	0.00236847
CO2	Buildings	VEN	Venezuela	2.87963139
CO2	Buildings	VGB	British Virgin Islands	0.00157898
CO2	Buildings	VNM	Viet Nam	11.7449807
CO2	Buildings	VUT	Vanuatu	0.0386854
CO2	Buildings	WSM	Samoa	0.03384973
CO2	Buildings	YEM	Yemen	0.17287792
CO2	Buildings	ZAF	South Africa	17.1588064
CO2	Buildings	ZMB	Zambia	0.26735951
CO2	Buildings	ZWE	Zimbabwe	1.1174274
CO2	Fuel Exploitation	ABW	Aruba	2.0095E-08
CO2	Fuel Exploitation	AFG	Afghanistan	0.33800078
CO2	Fuel Exploitation	AGO	Angola	7.15591502
CO2	Fuel Exploitation	AIA	Anguilla	0
CO2	Fuel Exploitation	ALB	Albania	0.44886591
CO2	Fuel Exploitation	ANT	Curaçao	7.43646398
CO2	Fuel Exploitation	ARE	United Arab Emirates	16.390562
CO2	Fuel Exploitation	ARG	Argentina	11.3080613
CO2	Fuel Exploitation	ARM	Armenia	0.06997994
CO2	Fuel Exploitation	ATG	Antigua and Barbuda	8.2745E-08
CO2	Fuel Exploitation	AUS	Australia	11.5606352
CO2	Fuel Exploitation	AUT	Austria	3.26607605
CO2	Fuel Exploitation	AZE	Azerbaijan	1.94618571
CO2	Fuel Exploitation	BDI	Burundi	0.00090409
CO2	Fuel Exploitation	BEL	Belgium	7.31277379
CO2	Fuel Exploitation	BEN	Benin	
CO2	Fuel Exploitation	BFA	Burkina Faso	0.00387469
CO2	Fuel Exploitation	BGD	Bangladesh	0.12734137
CO2	Fuel Exploitation	BGR	Bulgaria	1.59575611
CO2	Fuel Exploitation	BHR	Bahrain	1.98494061
CO2	Fuel Exploitation	BHS	Bahamas	8.2745E-07
CO2	Fuel Exploitation	BIH	Bosnia and Herzegovina	0.0993424
CO2	Fuel Exploitation	BLR	Belarus	3.38826866
CO2	Fuel Exploitation	BLZ	Belize	4.7283E-08
CO2	Fuel Exploitation	BMU	Bermuda	1.123E-07
CO2	Fuel Exploitation	BOL	Bolivia	0.93218259
CO2	Fuel Exploitation	BRA	Brazil	9.76802429
CO2	Fuel Exploitation	BRB	Barbados	5.0913E-07
CO2	Fuel Exploitation	BRN	Brunei	1.60336134
CO2	Fuel Exploitation	BTN	Bhutan	1.9595E-08
CO2	Fuel Exploitation	BWA	Botswana	
CO2	Fuel Exploitation	CAF	Central African Republic	0.00129156
CO2	Fuel Exploitation	CAN	Canada	37.3902779
CO2	Fuel Exploitation	CHE	Switzerland and Liechtenstein	0.7153215
CO2	Fuel Exploitation	CHL	Chile	7.29397123
CO2	Fuel Exploitation	CHN	China	49.7929503
CO2	Fuel Exploitation	CIV	Côte d'Ivoire	0.06227337
CO2	Fuel Exploitation	CMR	Cameroon	
CO2	Fuel Exploitation	COD	Democratic Republic of the Congo	0.05730027

CO2	Fuel Exploitation	COG	Congo	1.1777193
CO2	Fuel Exploitation	COK	Cook Islands	6.955E-11
CO2	Fuel Exploitation	COL	Colombia	5.31405278
CO2	Fuel Exploitation	COM	Comoros	0.00038747
CO2	Fuel Exploitation	CPV	Cabo Verde	0.00271228
CO2	Fuel Exploitation	CRI	Costa Rica	0.0904273
CO2	Fuel Exploitation	CUB	Cuba	0.20987467
CO2	Fuel Exploitation	CYM	Cayman Islands	2.0686E-08
CO2	Fuel Exploitation	CYP	Cyprus	
CO2	Fuel Exploitation	CZE	Czechia	28.034169
CO2	Fuel Exploitation	DEU	Germany	80.7994461
CO2	Fuel Exploitation	DJI	Djibouti	0.01291562
CO2	Fuel Exploitation	DMA	Dominica	5.9104E-09
CO2	Fuel Exploitation	DNK	Denmark	0.09570723
CO2	Fuel Exploitation	DOM	Dominican Republic	
CO2	Fuel Exploitation	DZA	Algeria	11.6057444
CO2	Fuel Exploitation	ECU	Ecuador	1.37132213
CO2	Fuel Exploitation	EGY	Egypt	2.90034107
CO2	Fuel Exploitation	ERI	Eritrea	0.04072754
CO2	Fuel Exploitation	ESP	Spain and Andorra	7.04687632
CO2	Fuel Exploitation	EST	Estonia	0.96359309
CO2	Fuel Exploitation	ETH	Ethiopia	0.06101516
CO2	Fuel Exploitation	FIN	Finland	1.34055061
CO2	Fuel Exploitation	FJI	Fiji	2.469E-09
CO2	Fuel Exploitation	FLK	Falkland Islands	2.3642E-09
CO2	Fuel Exploitation	FRA	France and Monaco	34.138433
CO2	Fuel Exploitation	GAB	Gabon	0.11293191
CO2	Fuel Exploitation	GBR	United Kingdom	66.3852141
CO2	Fuel Exploitation	GEO	Georgia	0.00377106
CO2	Fuel Exploitation	GHA	Ghana	0.04710038
CO2	Fuel Exploitation	GIN	Guinea	0.00723275
CO2	Fuel Exploitation	GLP	Guadeloupe	1.0343E-07
CO2	Fuel Exploitation	GMB	The Gambia	0.00142072
CO2	Fuel Exploitation	GNB	Guinea-Bissau	0.00077494
CO2	Fuel Exploitation	GNQ	Equatorial Guinea	
CO2	Fuel Exploitation	GRC	Greece	0.86787118
CO2	Fuel Exploitation	GRD	Grenada	8.8656E-09
CO2	Fuel Exploitation	GRL	Greenland	
CO2	Fuel Exploitation	GTM	Guatemala	0.10932988
CO2	Fuel Exploitation	GUF	French Guiana	7.388E-08
CO2	Fuel Exploitation	GUY	Guyana	
CO2	Fuel Exploitation	HKG	Hong Kong	0.03491646
CO2	Fuel Exploitation	HND	Honduras	0.0757418
CO2	Fuel Exploitation	HRV	Croatia	2.14701437
CO2	Fuel Exploitation	HTI	Haiti	0.00320852
CO2	Fuel Exploitation	HUN	Hungary	2.91666931
CO2	Fuel Exploitation	IDN	Indonesia	6.38185618
CO2	Fuel Exploitation	IND	India	20.201931
CO2	Fuel Exploitation	IRL	Ireland	0.31252501
CO2	Fuel Exploitation	IRN	Iran	44.3601869
CO2	Fuel Exploitation	IRQ	Iraq	12.6815063

CO2	Fuel Exploitation	ISR	Israel and Palestine, State of	0.57798271
CO2	Fuel Exploitation	ITA	Italy, San Marino and the Holy See	23.085796
CO2	Fuel Exploitation	JAM	Jamaica	0.06372426
CO2	Fuel Exploitation	JOR	Jordan	1.28378267
CO2	Fuel Exploitation	JPN	Japan	53.8487895
CO2	Fuel Exploitation	KAZ	Kazakhstan	3.27434737
CO2	Fuel Exploitation	KEN	Kenya	0.19470468
CO2	Fuel Exploitation	KGZ	Kyrgyzstan	0.0063255
CO2	Fuel Exploitation	KHM	Cambodia	6.6072E-10
CO2	Fuel Exploitation	KIR	Kiribati	6.955E-11
CO2	Fuel Exploitation	KNA	Saint Kitts and Nevis	1.1821E-08
CO2	Fuel Exploitation	KOR	South Korea	4.74121634
CO2	Fuel Exploitation	KWT	Kuwait	27.1494487
CO2	Fuel Exploitation	LAO	Laos	1.0432E-09
CO2	Fuel Exploitation	LBN	Lebanon	0.32670754
CO2	Fuel Exploitation	LBR	Liberia	0.0167903
CO2	Fuel Exploitation	LBY	Libya	37.0353716
CO2	Fuel Exploitation	LCA	Saint Lucia	2.3642E-08
CO2	Fuel Exploitation	LKA	Sri Lanka	0.1888217
CO2	Fuel Exploitation	LSO	Lesotho	0.00129156
CO2	Fuel Exploitation	LTU	Lithuania	1.09329398
CO2	Fuel Exploitation	LUX	Luxembourg	1.30690408
CO2	Fuel Exploitation	LVA	Latvia	0.03283509
CO2	Fuel Exploitation	MAC	Macao	1.1128E-09
CO2	Fuel Exploitation	MAR	Morocco	0.10319752
CO2	Fuel Exploitation	MDA	Moldova	0.02733678
CO2	Fuel Exploitation	MDG	Madagascar	5.3345E-07
CO2	Fuel Exploitation	MDV	Maldives	3.4775E-11
CO2	Fuel Exploitation	MEX	Mexico	22.8883843
CO2	Fuel Exploitation	MKD	North Macedonia	0.01464057
CO2	Fuel Exploitation	MLI	Mali	0.00387469
CO2	Fuel Exploitation	MLT	Malta	
CO2	Fuel Exploitation	MMR	Myanmar/Burma	0.16216731
CO2	Fuel Exploitation	MNG	Mongolia	0.003066
CO2	Fuel Exploitation	MOZ	Mozambique	0.10575793
CO2	Fuel Exploitation	MRT	Mauritania	0.00542456
CO2	Fuel Exploitation	MTQ	Martinique	1.3298E-07
CO2	Fuel Exploitation	MWI	Malawi	0.00387469
CO2	Fuel Exploitation	MYS	Malaysia	0.43544168
CO2	Fuel Exploitation	NAM	Namibia	0.01291562
CO2	Fuel Exploitation	NCL	New Caledonia	3.4775E-09
CO2	Fuel Exploitation	NER	Niger	
CO2	Fuel Exploitation	NGA	Nigeria	22.9926578
CO2	Fuel Exploitation	NIC	Nicaragua	0.0605255
CO2	Fuel Exploitation	NLD	Netherlands	12.9204631
CO2	Fuel Exploitation	NOR	Norway	0.40145865
CO2	Fuel Exploitation	NPL	Nepal	
CO2	Fuel Exploitation	NZL	New Zealand	0.45932192
CO2	Fuel Exploitation	OMN	Oman	7.06159488
CO2	Fuel Exploitation	PAK	Pakistan	0.32100329
CO2	Fuel Exploitation	PAN	Panama	0.38528957

CO2	Fuel Exploitation	PER	Peru	1.95061108
CO2	Fuel Exploitation	PHL	Philippines	1.26596303
CO2	Fuel Exploitation	PLW	Palau	0.00412643
CO2	Fuel Exploitation	PNG	Papua New Guinea	2.5668E-06
CO2	Fuel Exploitation	POL	Poland	16.0371798
CO2	Fuel Exploitation	PRI	Puerto Rico	0.00021816
CO2	Fuel Exploitation	PRK	North Korea	1.71269002
CO2	Fuel Exploitation	PRT	Portugal	1.20142864
CO2	Fuel Exploitation	PRY	Paraguay	0.02223197
CO2	Fuel Exploitation	PYF	French Polynesia	5.2162E-10
CO2	Fuel Exploitation	QAT	Qatar	12.2263346
CO2	Fuel Exploitation	REU	Réunion	0.00555372
CO2	Fuel Exploitation	ROU	Romania	4.48580729
CO2	Fuel Exploitation	RUS	Russia	92.0094105
CO2	Fuel Exploitation	RWA	Rwanda	
CO2	Fuel Exploitation	SAU	Saudi Arabia	38.4406096
CO2	Fuel Exploitation	SCG	Serbia and Montenegro	0.39939973
CO2	Fuel Exploitation	SDN	Sudan and South Sudan	0.01108292
CO2	Fuel Exploitation	SEN	Senegal	0.05639124
CO2	Fuel Exploitation	SGP	Singapore	1.60530189
CO2	Fuel Exploitation	SHN	Saint Helena, Ascension and Tristan da (	
CO2	Fuel Exploitation	SLB	Solomon Islands	2.4342E-10
CO2	Fuel Exploitation	SLE	Sierra Leone	0.00645781
CO2	Fuel Exploitation	SLV	El Salvador	0.06956196
CO2	Fuel Exploitation	SOM	Somalia	0.01020361
CO2	Fuel Exploitation	SPM	Saint Pierre and Miquelon	2.9552E-08
CO2	Fuel Exploitation	STP	São Tomé and Príncipe	0.00025831
CO2	Fuel Exploitation	SUR	Suriname	6.494E-07
CO2	Fuel Exploitation	SVK	Slovakia	3.48217703
CO2	Fuel Exploitation	SVN	Slovenia	2.92960728
CO2	Fuel Exploitation	SWE	Sweden	3.36035392
CO2	Fuel Exploitation	SWZ	Eswatini	
CO2	Fuel Exploitation	SYC	Seychelles	0.00193734
CO2	Fuel Exploitation	SYR	Syria	0.5932678
CO2	Fuel Exploitation	TCA	Turks and Caicos Islands	2.6283E-09
CO2	Fuel Exploitation	TCD	Chad	0.00258312
CO2	Fuel Exploitation	TGO	Togo	
CO2	Fuel Exploitation	THA	Thailand	0.1940749
CO2	Fuel Exploitation	TJK	Tajikistan	0.001774
CO2	Fuel Exploitation	TKM	Turkmenistan	1.22920738
CO2	Fuel Exploitation	TLS	Timor-Leste	
CO2	Fuel Exploitation	TON	Tonga	6.955E-11
CO2	Fuel Exploitation	TTO	Trinidad and Tobago	4.50685533
CO2	Fuel Exploitation	TUN	Tunisia	0.20378564
CO2	Fuel Exploitation	TUR	Türkiye	2.94679786
CO2	Fuel Exploitation	TWN	Taiwan	1.45867469
CO2	Fuel Exploitation	TZA	Tanzania	0.05264139
CO2	Fuel Exploitation	UKR	Ukraine	28.4918703
CO2	Fuel Exploitation	URY	Uruguay	0.28406586
CO2	Fuel Exploitation	USA	United States	353.974171
CO2	Fuel Exploitation	UZB	Uzbekistan	1.74652266

CO2	Fuel Exploitation	VCT	Saint Vincent and the Grenadines	8.8656E-09
CO2	Fuel Exploitation	VEN	Venezuela	28.22276
CO2	Fuel Exploitation	VGB	British Virgin Islands	5.9104E-09
CO2	Fuel Exploitation	VNM	Viet Nam	0.02763191
CO2	Fuel Exploitation	VUT	Vanuatu	2.782E-10
CO2	Fuel Exploitation	WSM	Samoa	2.4342E-10
CO2	Fuel Exploitation	YEM	Yemen	0.18046852
CO2	Fuel Exploitation	ZAF	South Africa	12.5444023
CO2	Fuel Exploitation	ZMB	Zambia	0.00056006
CO2	Fuel Exploitation	ZWE	Zimbabwe	0.71482643
CO2	Industrial Combustion	ABW	Aruba	0.00019309
CO2	Industrial Combustion	AFG	Afghanistan	0.10166592
CO2	Industrial Combustion	AGO	Angola	0.25896512
CO2	Industrial Combustion	AIA	Anguilla	0.00010899
CO2	Industrial Combustion	ALB	Albania	1.37264263
CO2	Industrial Combustion	ANT	Curaçao	4.63921664
CO2	Industrial Combustion	ARE	United Arab Emirates	1.90761318
CO2	Industrial Combustion	ARG	Argentina	17.1944943
CO2	Industrial Combustion	ARM	Armenia	2.67937555
CO2	Industrial Combustion	ATG	Antigua and Barbuda	0.00079506
CO2	Industrial Combustion	AUS	Australia	43.633923
CO2	Industrial Combustion	AUT	Austria	13.40355
CO2	Industrial Combustion	AZE	Azerbaijan	8.06534844
CO2	Industrial Combustion	BDI	Burundi	0.02163856
CO2	Industrial Combustion	BEL	Belgium	47.6014238
CO2	Industrial Combustion	BEN	Benin	0.01244578
CO2	Industrial Combustion	BFA	Burkina Faso	0.09273669
CO2	Industrial Combustion	BGD	Bangladesh	0.95473596
CO2	Industrial Combustion	BGR	Bulgaria	9.61972801
CO2	Industrial Combustion	BHR	Bahrain	0.42265177
CO2	Industrial Combustion	BHS	Bahamas	0.00795063
CO2	Industrial Combustion	BIH	Bosnia and Herzegovina	4.9413995
CO2	Industrial Combustion	BLR	Belarus	7.63046026
CO2	Industrial Combustion	BLZ	Belize	0.00045432
CO2	Industrial Combustion	BMU	Bermuda	0.00107901
CO2	Industrial Combustion	BOL	Bolivia	0.42123097
CO2	Industrial Combustion	BRA	Brazil	24.5359057
CO2	Industrial Combustion	BRB	Barbados	0.00190247
CO2	Industrial Combustion	BRN	Brunei	0.06737926
CO2	Industrial Combustion	BTN	Bhutan	0.00064572
CO2	Industrial Combustion	BWA	Botswana	0.01594569
CO2	Industrial Combustion	CAF	Central African Republic	0.03091223
CO2	Industrial Combustion	CAN	Canada	78.2714503
CO2	Industrial Combustion	CHE	Switzerland and Liechtenstein	9.30326273
CO2	Industrial Combustion	CHL	Chile	6.06517644
CO2	Industrial Combustion	CHN	China	380.301533
CO2	Industrial Combustion	CIV	Côte d'Ivoire	0.70431109
CO2	Industrial Combustion	CMR	Cameroon	0.08089857
CO2	Industrial Combustion	COD	Democratic Republic of the Congo	1.01502662
CO2	Industrial Combustion	COG	Congo	0.14312813
CO2	Industrial Combustion	COK	Cook Islands	0.00042163



CO2	Industrial Combustion	COL	Colombia	5.44242211
CO2	Industrial Combustion	COM	Comoros	0.00927367
CO2	Industrial Combustion	CPV	Cabo Verde	0.06491568
CO2	Industrial Combustion	CRI	Costa Rica	0.33625406
CO2	Industrial Combustion	CUB	Cuba	9.03046295
CO2	Industrial Combustion	CYM	Cayman Islands	0.00019877
CO2	Industrial Combustion	CYP	Cyprus	0.38985088
CO2	Industrial Combustion	CZE	Czechia	70.6276122
CO2	Industrial Combustion	DEU	Germany	252.868726
CO2	Industrial Combustion	DJI	Djibouti	0.3091223
CO2	Industrial Combustion	DMA	Dominica	5.679E-05
CO2	Industrial Combustion	DNK	Denmark	10.9801496
CO2	Industrial Combustion	DOM	Dominican Republic	0.66397898
CO2	Industrial Combustion	DZA	Algeria	1.05631288
CO2	Industrial Combustion	ECU	Ecuador	0.47631195
CO2	Industrial Combustion	EGY	Egypt	8.42308421
CO2	Industrial Combustion	ERI	Eritrea	0.03203314
CO2	Industrial Combustion	ESH	Western Sahara	0.0333418
CO2	Industrial Combustion	ESP	Spain and Andorra	57.6113517
CO2	Industrial Combustion	EST	Estonia	3.67303765
CO2	Industrial Combustion	ETH	Ethiopia	0.24177089
CO2	Industrial Combustion	FIN	Finland	11.2094165
CO2	Industrial Combustion	FJI	Fiji	0.02853946
CO2	Industrial Combustion	FLK	Falkland Islands	2.2716E-05
CO2	Industrial Combustion	FRA	France and Monaco	153.413948
CO2	Industrial Combustion	GAB	Gabon	0.39515801
CO2	Industrial Combustion	GBR	United Kingdom	166.386093
CO2	Industrial Combustion	GEO	Georgia	5.79109647
CO2	Industrial Combustion	GHA	Ghana	0.40818039
CO2	Industrial Combustion	GIN	Guinea	0.17310849
CO2	Industrial Combustion	GLP	Guadeloupe	0.00099383
CO2	Industrial Combustion	GMB	The Gambia	0.03400345
CO2	Industrial Combustion	GNB	Guinea-Bissau	0.01854734
CO2	Industrial Combustion	GNQ	Equatorial Guinea	
CO2	Industrial Combustion	GRC	Greece	8.63415004
CO2	Industrial Combustion	GRD	Grenada	8.5185E-05
CO2	Industrial Combustion	GRL	Greenland	
CO2	Industrial Combustion	GTM	Guatemala	0.86946306
CO2	Industrial Combustion	GUF	French Guiana	0.00070988
CO2	Industrial Combustion	GUY	Guyana	0.68582145
CO2	Industrial Combustion	HKG	Hong Kong	2.53972813
CO2	Industrial Combustion	HND	Honduras	0.28313881
CO2	Industrial Combustion	HRV	Croatia	4.83398952
CO2	Industrial Combustion	HTI	Haiti	0.15070976
CO2	Industrial Combustion	HUN	Hungary	14.943801
CO2	Industrial Combustion	IDN	Indonesia	4.9213026
CO2	Industrial Combustion	IND	India	63.6449893
CO2	Industrial Combustion	IRL	Ireland	4.4863442
CO2	Industrial Combustion	IRN	Iran	8.92346738
CO2	Industrial Combustion	IRQ	Iraq	1.47290218
CO2	Industrial Combustion	ISL	Iceland	0.20044925

CO2	Industrial Combustion	ISR	Israel and Palestine, State of	2.41968016
CO2	Industrial Combustion	ITA	Italy, San Marino and the Holy See	91.5665237
CO2	Industrial Combustion	JAM	Jamaica	4.47926376
CO2	Industrial Combustion	JOR	Jordan	0.14915103
CO2	Industrial Combustion	JPN	Japan	260.174327
CO2	Industrial Combustion	KAZ	Kazakhstan	81.269469
CO2	Industrial Combustion	KEN	Kenya	0.61460467
CO2	Industrial Combustion	KGZ	Kyrgyzstan	8.21798108
CO2	Industrial Combustion	KHM	Cambodia	0.00400549
CO2	Industrial Combustion	KIR	Kiribati	0.00042163
CO2	Industrial Combustion	KNA	Saint Kitts and Nevis	0.00011358
CO2	Industrial Combustion	KOR	South Korea	15.7284327
CO2	Industrial Combustion	KWT	Kuwait	2.68970885
CO2	Industrial Combustion	LAO	Laos	0.00632446
CO2	Industrial Combustion	LBN	Lebanon	1.45526697
CO2	Industrial Combustion	LBR	Liberia	0.40185898
CO2	Industrial Combustion	LBY	Libya	0.64601957
CO2	Industrial Combustion	LCA	Saint Lucia	0.00022716
CO2	Industrial Combustion	LKA	Sri Lanka	0.3016254
CO2	Industrial Combustion	LSO	Lesotho	0.03091223
CO2	Industrial Combustion	LTU	Lithuania	5.37172147
CO2	Industrial Combustion	LUX	Luxembourg	11.9616636
CO2	Industrial Combustion	LVA	Latvia	2.12913718
CO2	Industrial Combustion	MAC	Macao	0.0067461
CO2	Industrial Combustion	MAR	Morocco	2.17973029
CO2	Industrial Combustion	MDA	Moldova	1.32639807
CO2	Industrial Combustion	MDG	Madagascar	
CO2	Industrial Combustion	MDV	Maldives	0.00021082
CO2	Industrial Combustion	MEX	Mexico	27.6392173
CO2	Industrial Combustion	MKD	North Macedonia	1.43509981
CO2	Industrial Combustion	MLI	Mali	0.09273669
CO2	Industrial Combustion	MLT	Malta	
CO2	Industrial Combustion	MMR	Myanmar/Burma	1.62235206
CO2	Industrial Combustion	MNG	Mongolia	4.31398926
CO2	Industrial Combustion	MOZ	Mozambique	1.4801939
CO2	Industrial Combustion	MRT	Mauritania	0.1364431
CO2	Industrial Combustion	MTQ	Martinique	0.00127778
CO2	Industrial Combustion	MUS	Mauritius	0.03160005
CO2	Industrial Combustion	MWI	Malawi	0.18066819
CO2	Industrial Combustion	MYS	Malaysia	19.1979078
CO2	Industrial Combustion	NAM	Namibia	0.3091223
CO2	Industrial Combustion	NCL	New Caledonia	0.12894126
CO2	Industrial Combustion	NER	Niger	0.01565445
CO2	Industrial Combustion	NGA	Nigeria	0.86204194
CO2	Industrial Combustion	NIC	Nicaragua	0.17233345
CO2	Industrial Combustion	NLD	Netherlands	28.4666901
CO2	Industrial Combustion	NOR	Norway	8.92159024
CO2	Industrial Combustion	NPL	Nepal	0.02851717
CO2	Industrial Combustion	NZL	New Zealand	4.47052648
CO2	Industrial Combustion	OMN	Oman	0.01889532
CO2	Industrial Combustion	PAK	Pakistan	5.08113467

CO2	Industrial Combustion	PAN	Panama	0.27610964
CO2	Industrial Combustion	PER	Peru	3.90026943
CO2	Industrial Combustion	PHL	Philippines	4.94203139
CO2	Industrial Combustion	PLW	Palau	0.17169928
CO2	Industrial Combustion	PNG	Papua New Guinea	0.02529786
CO2	Industrial Combustion	POL	Poland	49.5158289
CO2	Industrial Combustion	PRI	Puerto Rico	4.01200495
CO2	Industrial Combustion	PRK	North Korea	47.9221602
CO2	Industrial Combustion	PRT	Portugal	4.4915909
CO2	Industrial Combustion	PRY	Paraguay	0.06669171
CO2	Industrial Combustion	PYF	French Polynesia	0.00316223
CO2	Industrial Combustion	QAT	Qatar	0.8164233
CO2	Industrial Combustion	REU	Réunion	0.13292259
CO2	Industrial Combustion	ROU	Romania	42.5814597
CO2	Industrial Combustion	RUS	Russia	174.191083
CO2	Industrial Combustion	RWA	Rwanda	0.018681
CO2	Industrial Combustion	SAU	Saudi Arabia	1.96645536
CO2	Industrial Combustion	SCG	Serbia and Montenegro	9.4037514
CO2	Industrial Combustion	SDN	Sudan and South Sudan	0.58848486
CO2	Industrial Combustion	SEN	Senegal	0.31958943
CO2	Industrial Combustion	SGP	Singapore	0.41584638
CO2	Industrial Combustion	SHN	Saint Helena, Ascension and Tristan da Cunha	0.00117339
CO2	Industrial Combustion	SLB	Solomon Islands	0.00147571
CO2	Industrial Combustion	SLE	Sierra Leone	0.15456115
CO2	Industrial Combustion	SLV	El Salvador	0.34123485
CO2	Industrial Combustion	SOM	Somalia	0.24420661
CO2	Industrial Combustion	SPM	Saint Pierre and Miquelon	0.00028395
CO2	Industrial Combustion	STP	São Tomé and Príncipe	0.00618245
CO2	Industrial Combustion	SUR	Suriname	0.00397532
CO2	Industrial Combustion	SVK	Slovakia	17.0765748
CO2	Industrial Combustion	SVN	Slovenia	2.8684619
CO2	Industrial Combustion	SWE	Sweden	23.8869953
CO2	Industrial Combustion	SWZ	Eswatini	0.0440185
CO2	Industrial Combustion	SYC	Seychelles	0.04636834
CO2	Industrial Combustion	SYR	Syria	1.63018452
CO2	Industrial Combustion	TCA	Turks and Caicos Islands	2.5255E-05
CO2	Industrial Combustion	TCD	Chad	0.06182446
CO2	Industrial Combustion	TGO	Togo	
CO2	Industrial Combustion	THA	Thailand	4.39359397
CO2	Industrial Combustion	TJK	Tajikistan	
CO2	Industrial Combustion	TKM	Turkmenistan	0.31509824
CO2	Industrial Combustion	TLS	Timor-Leste	
CO2	Industrial Combustion	TON	Tonga	0.00042163
CO2	Industrial Combustion	TTO	Trinidad and Tobago	0.20025774
CO2	Industrial Combustion	TUN	Tunisia	0.98564136
CO2	Industrial Combustion	TUR	Türkiye	6.99239566
CO2	Industrial Combustion	TWN	Taiwan	12.349964
CO2	Industrial Combustion	TZA	Tanzania	0.23657886
CO2	Industrial Combustion	UGA	Uganda	0.43704132
CO2	Industrial Combustion	UKR	Ukraine	127.754936
CO2	Industrial Combustion	URY	Uruguay	1.22336441

CO2	Industrial Combustion	USA	United States	1104.10939
CO2	Industrial Combustion	UZB	Uzbekistan	0.45818156
CO2	Industrial Combustion	VCT	Saint Vincent and the Grenadines	8.5185E-05
CO2	Industrial Combustion	VEN	Venezuela	7.24736213
CO2	Industrial Combustion	VGB	British Virgin Islands	5.679E-05
CO2	Industrial Combustion	VNM	Viet Nam	0.00286
CO2	Industrial Combustion	VUT	Vanuatu	0.00168652
CO2	Industrial Combustion	WSM	Samoa	0.00147571
CO2	Industrial Combustion	YEM	Yemen	
CO2	Industrial Combustion	ZAF	South Africa	44.1011059
CO2	Industrial Combustion	ZMB	Zambia	2.11310452
CO2	Industrial Combustion	ZWE	Zimbabwe	2.69079907
CO2	Power Industry	ABW	Aruba	0.01734371
CO2	Power Industry	AFG	Afghanistan	0.05719284
CO2	Power Industry	AGO	Angola	0.13758429
CO2	Power Industry	AIA	Anguilla	0.00042995
CO2	Power Industry	ALB	Albania	0.69830745
CO2	Power Industry	ANT	Curaçao	0.55695514
CO2	Power Industry	ARE	United Arab Emirates	0.14985432
CO2	Power Industry	ARG	Argentina	19.2905592
CO2	Power Industry	ARM	Armenia	2.42231892
CO2	Power Industry	ATG	Antigua and Barbuda	0.07141526
CO2	Power Industry	AUS	Australia	53.3187858
CO2	Power Industry	AUT	Austria	7.91673505
CO2	Power Industry	AZE	Azerbaijan	7.42557431
CO2	Power Industry	BDI	Burundi	0.00022601
CO2	Power Industry	BEL	Belgium	27.0655579
CO2	Power Industry	BEN	Benin	
CO2	Power Industry	BFA	Burkina Faso	0.00096861
CO2	Power Industry	BGD	Bangladesh	0.67388783
CO2	Power Industry	BGR	Bulgaria	21.2097843
CO2	Power Industry	BHR	Bahrain	0.30430327
CO2	Power Industry	BHS	Bahamas	0.71415259
CO2	Power Industry	BIH	Bosnia and Herzegovina	2.76273034
CO2	Power Industry	BLR	Belarus	23.3679125
CO2	Power Industry	BLZ	Belize	0.04080872
CO2	Power Industry	BMU	Bermuda	0.09692071
CO2	Power Industry	BOL	Bolivia	0.21803156
CO2	Power Industry	BRA	Brazil	7.46168786
CO2	Power Industry	BRB	Barbados	0.17088651
CO2	Power Industry	BRN	Brunei	0.23187779
CO2	Power Industry	BTN	Bhutan	0.00016341
CO2	Power Industry	BWA	Botswana	0.04443409
CO2	Power Industry	CAF	Central African Republic	0.00032287
CO2	Power Industry	CAN	Canada	45.1197666
CO2	Power Industry	CHE	Switzerland and Liechtenstein	0.95862942
CO2	Power Industry	CHL	Chile	3.81125262
CO2	Power Industry	CHN	China	129.827203
CO2	Power Industry	CIV	Côte d'Ivoire	0.47478307
CO2	Power Industry	CMR	Cameroon	0.03208522
CO2	Power Industry	COD	Democratic Republic of the Congo	0.02800317

CO2	Power Industry	COG	Congo	0.04274347
CO2	Power Industry	COK	Cook Islands	0.00163408
CO2	Power Industry	COL	Colombia	3.5563489
CO2	Power Industry	COM	Comoros	9.6861E-05
CO2	Power Industry	CPV	Cabo Verde	0.00067803
CO2	Power Industry	CRI	Costa Rica	0.08595071
CO2	Power Industry	CUB	Cuba	4.37358447
CO2	Power Industry	CYM	Cayman Islands	0.01785381
CO2	Power Industry	CYP	Cyprus	0.64087199
CO2	Power Industry	CZE	Czechia	33.9352851
CO2	Power Industry	DEU	Germany	322.597106
CO2	Power Industry	DJI	Djibouti	0.00322871
CO2	Power Industry	DMA	Dominica	0.00510109
CO2	Power Industry	DNK	Denmark	16.6373264
CO2	Power Industry	DOM	Dominican Republic	1.21337445
CO2	Power Industry	DZA	Algeria	1.64611679
CO2	Power Industry	ECU	Ecuador	0.57843233
CO2	Power Industry	EGY	Egypt	2.4899705
CO2	Power Industry	ERI	Eritrea	0.18356079
CO2	Power Industry	ESH	Western Sahara	0.00049458
CO2	Power Industry	ESP	Spain and Andorra	22.6961246
CO2	Power Industry	EST	Estonia	12.1305818
CO2	Power Industry	ETH	Ethiopia	0.11688196
CO2	Power Industry	FIN	Finland	8.44267887
CO2	Power Industry	FJI	Fiji	0.05800988
CO2	Power Industry	FLK	Falkland Islands	0.00204044
CO2	Power Industry	FRA	France and Monaco	76.1673136
CO2	Power Industry	GAB	Gabon	0.08021335
CO2	Power Industry	GBR	United Kingdom	222.165377
CO2	Power Industry	GEO	Georgia	7.10980874
CO2	Power Industry	GHA	Ghana	0.03529373
CO2	Power Industry	GIB	Gibraltar	0.03423824
CO2	Power Industry	GIN	Guinea	0.00180808
CO2	Power Industry	GLP	Guadeloupe	0.08926907
CO2	Power Industry	GMB	The Gambia	0.00035516
CO2	Power Industry	GNB	Guinea-Bissau	0.00019372
CO2	Power Industry	GNQ	Equatorial Guinea	0.00962557
CO2	Power Industry	GRC	Greece	6.06847815
CO2	Power Industry	GRD	Grenada	0.00765163
CO2	Power Industry	GRL	Greenland	
CO2	Power Industry	GTM	Guatemala	0.38746746
CO2	Power Industry	GUF	French Guiana	0.06376362
CO2	Power Industry	GUY	Guyana	0.52349593
CO2	Power Industry	HKG	Hong Kong	4.42151007
CO2	Power Industry	HND	Honduras	0.13475822
CO2	Power Industry	HRV	Croatia	1.20377696
CO2	Power Industry	HTI	Haiti	0.05765648
CO2	Power Industry	HUN	Hungary	20.6149393
CO2	Power Industry	IDN	Indonesia	3.64671049
CO2	Power Industry	IND	India	32.8632018
CO2	Power Industry	IRL	Ireland	6.03600491

CO2	Power Industry	IRN	Iran	4.92491059
CO2	Power Industry	IRQ	Iraq	3.6283263
CO2	Power Industry	ISL	Iceland	0.02841009
CO2	Power Industry	ISR	Israel and Palestine, State	5.98959521
CO2	Power Industry	ITA	Italy, San Marino and the H	51.6228323
CO2	Power Industry	JAM	Jamaica	1.54191192
CO2	Power Industry	JOR	Jordan	0.2195502
CO2	Power Industry	JPN	Japan	265.643426
CO2	Power Industry	KAZ	Kazakhstan	69.6109171
CO2	Power Industry	KEN	Kenya	0.25630575
CO2	Power Industry	KGZ	Kyrgyzstan	1.88254918
CO2	Power Industry	KHM	Cambodia	0.01552377
CO2	Power Industry	KIR	Kiribati	0.00163408
CO2	Power Industry	KNA	Saint Kitts and Nevis	0.01020218
CO2	Power Industry	KOR	South Korea	7.89026563
CO2	Power Industry	KWT	Kuwait	3.29947636
CO2	Power Industry	LAO	Laos	0.02451122
CO2	Power Industry	LBN	Lebanon	0.52272876
CO2	Power Industry	LBR	Liberia	0.00419732
CO2	Power Industry	LBY	Libya	0.54762033
CO2	Power Industry	LCA	Saint Lucia	0.02040436
CO2	Power Industry	LKA	Sri Lanka	0.06252075
CO2	Power Industry	LSO	Lesotho	0.00032287
CO2	Power Industry	LTU	Lithuania	4.61935556
CO2	Power Industry	LUX	Luxembourg	3.86935768
CO2	Power Industry	LVA	Latvia	4.17627011
CO2	Power Industry	MAC	Macao	0.0261453
CO2	Power Industry	MAR	Morocco	0.83248436
CO2	Power Industry	MDA	Moldova	6.37503204
CO2	Power Industry	MDG	Madagascar	0.2021122
CO2	Power Industry	MDV	Maldives	0.00081704
CO2	Power Industry	MEX	Mexico	12.9549475
CO2	Power Industry	MKD	North Macedonia	1.45846947
CO2	Power Industry	MLI	Mali	0.00096861
CO2	Power Industry	MLT	Malta	0.349848
CO2	Power Industry	MMR	Myanmar/Burma	0.26426503
CO2	Power Industry	MNG	Mongolia	0.09804487
CO2	Power Industry	MOZ	Mozambique	0.47605644
CO2	Power Industry	MRT	Mauritania	0.00135606
CO2	Power Industry	MTQ	Martinique	0.11477452
CO2	Power Industry	MUS	Mauritius	0.05299221
CO2	Power Industry	MWI	Malawi	0.00096861
CO2	Power Industry	MYS	Malaysia	1.94792711
CO2	Power Industry	NAM	Namibia	0.00322871
CO2	Power Industry	NCL	New Caledonia	0.08170405
CO2	Power Industry	NER	Niger	0.03850236
CO2	Power Industry	NGA	Nigeria	0.59129274
CO2	Power Industry	NIC	Nicaragua	0.37172187
CO2	Power Industry	NLD	Netherlands	29.435844
CO2	Power Industry	NOR	Norway	0.31698534
CO2	Power Industry	NPL	Nepal	0.02887677

CO2	Power Industry	NZL	New Zealand	1.41570729
CO2	Power Industry	OMN	Oman	0.01283412
CO2	Power Industry	PAK	Pakistan	2.58324874
CO2	Power Industry	PAN	Panama	0.94490766
CO2	Power Industry	PER	Peru	1.41434199
CO2	Power Industry	PHL	Philippines	4.82509067
CO2	Power Industry	PLW	Palau	0.4278022
CO2	Power Industry	PNG	Papua New Guinea	0.09804487
CO2	Power Industry	POL	Poland	133.39313
CO2	Power Industry	PRI	Puerto Rico	22.1145737
CO2	Power Industry	PRK	North Korea	7.77249019
CO2	Power Industry	PRT	Portugal	1.64219935
CO2	Power Industry	PRY	Paraguay	0.05400084
CO2	Power Industry	PYF	French Polynesia	0.01225561
CO2	Power Industry	QAT	Qatar	1.174963
CO2	Power Industry	REU	Réunion	0.00138835
CO2	Power Industry	ROU	Romania	41.7689285
CO2	Power Industry	RUS	Russia	543.691807
CO2	Power Industry	RWA	Rwanda	
CO2	Power Industry	SAU	Saudi Arabia	1.68365342
CO2	Power Industry	SCG	Serbia and Montenegro	11.2117312
CO2	Power Industry	SDN	Sudan and South Sudan	0.2440541
CO2	Power Industry	SEN	Senegal	0.33292836
CO2	Power Industry	SGP	Singapore	2.23357341
CO2	Power Industry	SHN	Saint Helena, Ascension and Tristan da Cunha	0.00051925
CO2	Power Industry	SLB	Solomon Islands	0.00571928
CO2	Power Industry	SLE	Sierra Leone	0.00161435
CO2	Power Industry	SLV	El Salvador	0.17735421
CO2	Power Industry	SOM	Somalia	0.00255068
CO2	Power Industry	SPM	Saint Pierre and Miquelon	0.02550545
CO2	Power Industry	STP	São Tomé and Príncipe	6.4574E-05
CO2	Power Industry	SUR	Suriname	0.35707629
CO2	Power Industry	SVK	Slovakia	6.17379355
CO2	Power Industry	SVN	Slovenia	0.17599875
CO2	Power Industry	SWE	Sweden	12.9166126
CO2	Power Industry	SWZ	Eswatini	
CO2	Power Industry	SYC	Seychelles	0.00048431
CO2	Power Industry	SYR	Syria	0.97670769
CO2	Power Industry	TCA	Turks and Caicos Islands	0.00226845
CO2	Power Industry	TCD	Chad	0.00064574
CO2	Power Industry	TGO	Togo	0.08021325
CO2	Power Industry	THA	Thailand	2.79674364
CO2	Power Industry	TJK	Tajikistan	0.49607292
CO2	Power Industry	TKM	Turkmenistan	3.25676407
CO2	Power Industry	TLS	Timor-Leste	
CO2	Power Industry	TON	Tonga	0.00163408
CO2	Power Industry	TTO	Trinidad and Tobago	0.83778732
CO2	Power Industry	TUN	Tunisia	0.85380717
CO2	Power Industry	TUR	Türkiye	8.2781887
CO2	Power Industry	TWN	Taiwan	9.74410898
CO2	Power Industry	TZA	Tanzania	0.21176298

CO2	Power Industry	UGA	Uganda	
CO2	Power Industry	UKR	Ukraine	163.202258
CO2	Power Industry	URY	Uruguay	0.84849983
CO2	Power Industry	USA	United States	1082.10016
CO2	Power Industry	UZB	Uzbekistan	18.0752222
CO2	Power Industry	VCT	Saint Vincent and the Grer	0.00765163
CO2	Power Industry	VEN	Venezuela	6.41563483
CO2	Power Industry	VGB	British Virgin Islands	0.00510109
CO2	Power Industry	VNM	Viet Nam	1.9405924
CO2	Power Industry	VUT	Vanuatu	0.00653632
CO2	Power Industry	WSM	Samoa	0.00571928
CO2	Power Industry	YEM	Yemen	0.19047963
CO2	Power Industry	ZAF	South Africa	65.2549192
CO2	Power Industry	ZMB	Zambia	0.35631905
CO2	Power Industry	ZWE	Zimbabwe	1.00875953
CO2	Processes	ABW	Aruba	0.00051342
CO2	Processes	AFG	Afghanistan	0.16968426
CO2	Processes	AGO	Angola	0.23506238
CO2	Processes	AIA	Anguilla	9.615E-06
CO2	Processes	ALB	Albania	0.49253071
CO2	Processes	ANT	Curaçao	0.00138938
CO2	Processes	ARE	United Arab Emirates	0.611059
CO2	Processes	ARG	Argentina	3.95092558
CO2	Processes	ARM	Armenia	0.50358004
CO2	Processes	ATG	Antigua and Barbuda	0.000647
CO2	Processes	AUS	Australia	8.55480682
CO2	Processes	AUT	Austria	4.72870716
CO2	Processes	AZE	Azerbaijan	0.65933108
CO2	Processes	BDI	Burundi	0.0089074
CO2	Processes	BEL	Belgium	10.5123167
CO2	Processes	BEN	Benin	0.00653482
CO2	Processes	BFA	Burkina Faso	0.01472968
CO2	Processes	BGD	Bangladesh	0.25586758
CO2	Processes	BGR	Bulgaria	5.67447285
CO2	Processes	BHR	Bahrain	0.03988889
CO2	Processes	BHS	Bahamas	0.42376509
CO2	Processes	BIH	Bosnia and Herzegovina	0.44950607
CO2	Processes	BLR	Belarus	2.58491918
CO2	Processes	BLZ	Belize	0.00120174
CO2	Processes	BMU	Bermuda	0.00075598
CO2	Processes	BOL	Bolivia	0.07453108
CO2	Processes	BRA	Brazil	13.6758337
CO2	Processes	BRB	Barbados	0.00269098
CO2	Processes	BRN	Brunei	0.02255078
CO2	Processes	BTN	Bhutan	0.03264815
CO2	Processes	BWA	Botswana	0.00456859
CO2	Processes	CAF	Central African Republic	0.00508611
CO2	Processes	CAN	Canada	17.4618672
CO2	Processes	CHE	Switzerland and Liechtenst	4.27767179
CO2	Processes	CHL	Chile	2.50592088
CO2	Processes	CHN	China	80.9150164



CO2	Processes	CIV	Côte d'Ivoire	0.20930672
CO2	Processes	CMR	Cameroon	0.10408426
CO2	Processes	COD	Democratic Republic of the	0.33581343
CO2	Processes	COG	Congo	0.05206069
CO2	Processes	COK	Cook Islands	9.8845E-05
CO2	Processes	COL	Colombia	2.43800685
CO2	Processes	COM	Comoros	0.00071
CO2	Processes	CPV	Cabo Verde	0.00186754
CO2	Processes	CRI	Costa Rica	0.10677865
CO2	Processes	CUB	Cuba	0.55535204
CO2	Processes	CYM	Cayman Islands	9.4256E-05
CO2	Processes	CYP	Cyprus	0.38095913
CO2	Processes	CZE	Czechia	6.5349799
CO2	Processes	DEU	Germany	64.1669548
CO2	Processes	DJI	Djibouti	0.00635698
CO2	Processes	DMA	Dominica	0.00028265
CO2	Processes	DNK	Denmark	2.14775677
CO2	Processes	DOM	Dominican Republic	0.26954108
CO2	Processes	DZA	Algeria	0.68839699
CO2	Processes	ECU	Ecuador	0.24737051
CO2	Processes	EGY	Egypt	2.3700624
CO2	Processes	ERI	Eritrea	0.02303656
CO2	Processes	ESH	Western Sahara	0.00077098
CO2	Processes	ESP	Spain and Andorra	15.7875661
CO2	Processes	EST	Estonia	0.52631811
CO2	Processes	ETH	Ethiopia	0.16380905
CO2	Processes	FIN	Finland	2.52111308
CO2	Processes	FJI	Fiji	0.03622356
CO2	Processes	FLK	Falkland Islands	2.7935E-05
CO2	Processes	FRA	France and Monaco	40.3058731
CO2	Processes	FRO	Faroes	8.8555E-05
CO2	Processes	GAB	Gabon	0.01533908
CO2	Processes	GBR	United Kingdom	22.6846517
CO2	Processes	GEO	Georgia	3.59553703
CO2	Processes	GHA	Ghana	0.42950593
CO2	Processes	GIB	Gibraltar	0.00067835
CO2	Processes	GIN	Guinea	0.0644316
CO2	Processes	GLP	Guadeloupe	0.05800769
CO2	Processes	GMB	The Gambia	0.00164569
CO2	Processes	GNB	Guinea-Bissau	0.00186087
CO2	Processes	GNQ	Equatorial Guinea	0.00067185
CO2	Processes	GRC	Greece	3.78241505
CO2	Processes	GRD	Grenada	0.00032058
CO2	Processes	GRL	Greenland	0.00046084
CO2	Processes	GTM	Guatemala	0.16039812
CO2	Processes	GUF	French Guiana	0.00018645
CO2	Processes	GUY	Guyana	0.0016162
CO2	Processes	HKG	Hong Kong	0.25721623
CO2	Processes	HND	Honduras	0.08588545
CO2	Processes	HRV	Croatia	7.35163004
CO2	Processes	HTI	Haiti	0.15481338

CO2	Processes	HUN	Hungary	3.90773083
CO2	Processes	IDN	Indonesia	0.88815765
CO2	Processes	IND	India	16.3423153
CO2	Processes	IRL	Ireland	0.74498861
CO2	Processes	IRN	Iran	2.37363922
CO2	Processes	IRQ	Iraq	0.84913221
CO2	Processes	ISL	Iceland	0.61018531
CO2	Processes	ISR	Israel and Palestine, State of	0.98568462
CO2	Processes	ITA	Italy, San Marino and the Holy See	34.0474775
CO2	Processes	JAM	Jamaica	0.37972009
CO2	Processes	JOR	Jordan	0.19721142
CO2	Processes	JPN	Japan	77.4591943
CO2	Processes	KAZ	Kazakhstan	13.3371933
CO2	Processes	KEN	Kenya	0.49728355
CO2	Processes	KGZ	Kyrgyzstan	0.50663849
CO2	Processes	KHM	Cambodia	0.0337773
CO2	Processes	KIR	Kiribati	0.00017502
CO2	Processes	KNA	Saint Kitts and Nevis	0.00016591
CO2	Processes	KOR	South Korea	5.70360178
CO2	Processes	KWT	Kuwait	0.18498452
CO2	Processes	LAO	Laos	0.00697506
CO2	Processes	LBN	Lebanon	0.76501222
CO2	Processes	LBR	Liberia	0.05479579
CO2	Processes	LBY	Libya	0.28267665
CO2	Processes	LCA	Saint Lucia	0.00041278
CO2	Processes	LKA	Sri Lanka	0.18869736
CO2	Processes	LSO	Lesotho	0.00310621
CO2	Processes	LTU	Lithuania	1.27699018
CO2	Processes	LUX	Luxembourg	0.7220222
CO2	Processes	LVA	Latvia	0.75735449
CO2	Processes	MAC	Macao	0.00484241
CO2	Processes	MAR	Morocco	0.75050482
CO2	Processes	MDA	Moldova	0.60536347
CO2	Processes	MDG	Madagascar	0.05700013
CO2	Processes	MDV	Maldives	0.00029181
CO2	Processes	MEX	Mexico	13.8139075
CO2	Processes	MKD	North Macedonia	5.44584437
CO2	Processes	MLI	Mali	0.03444877
CO2	Processes	MLT	Malta	0.02764415
CO2	Processes	MMR	Myanmar/Burma	0.14064071
CO2	Processes	MNG	Mongolia	0.08774294
CO2	Processes	MOZ	Mozambique	0.22146189
CO2	Processes	MRT	Mauritania	0.03032228
CO2	Processes	MTQ	Martinique	0.04964135
CO2	Processes	MUS	Mauritius	0.00762798
CO2	Processes	MWI	Malawi	0.046111
CO2	Processes	MYS	Malaysia	0.65096633
CO2	Processes	NAM	Namibia	0.03461784
CO2	Processes	NCL	New Caledonia	0.00418072
CO2	Processes	NER	Niger	0.0276695
CO2	Processes	NGA	Nigeria	0.46295393

CO2	Processes	NIC	Nicaragua	0.10282635
CO2	Processes	NLD	Netherlands	6.95574252
CO2	Processes	NOR	Norway	12.1170353
CO2	Processes	NPL	Nepal	0.06396433
CO2	Processes	NZL	New Zealand	0.6875155
CO2	Processes	OMN	Oman	0.03346596
CO2	Processes	PAK	Pakistan	1.69131099
CO2	Processes	PAN	Panama	0.09659407
CO2	Processes	PER	Peru	0.8855277
CO2	Processes	PHL	Philippines	2.1712867
CO2	Processes	PLW	Palau	0.00292
CO2	Processes	PNG	Papua New Guinea	0.00936397
CO2	Processes	POL	Poland	17.5339028
CO2	Processes	PRI	Puerto Rico	0.77963026
CO2	Processes	PRK	North Korea	4.24445997
CO2	Processes	PRT	Portugal	2.58267142
CO2	Processes	PRY	Paraguay	0.06112444
CO2	Processes	PYF	French Polynesia	0.00154627
CO2	Processes	QAT	Qatar	0.23725926
CO2	Processes	REU	Réunion	0.0644706
CO2	Processes	ROU	Romania	11.7898955
CO2	Processes	RUS	Russia	94.7547921
CO2	Processes	RWA	Rwanda	0.00852994
CO2	Processes	SAU	Saudi Arabia	1.16441533
CO2	Processes	SCG	Serbia and Montenegro	1.56472893
CO2	Processes	SDN	Sudan and South Sudan	0.11547317
CO2	Processes	SEN	Senegal	0.13036078
CO2	Processes	SGP	Singapore	0.46577857
CO2	Processes	SHN	Saint Helena, Ascension and Tristan da Cunha	7.3374E-06
CO2	Processes	SLB	Solomon Islands	0.00060083
CO2	Processes	SLE	Sierra Leone	0.00901816
CO2	Processes	SLV	El Salvador	0.09236269
CO2	Processes	SOM	Somalia	0.01412398
CO2	Processes	SPM	Saint Pierre and Miquelon	2.2073E-05
CO2	Processes	STP	São Tomé and Príncipe	0.00028726
CO2	Processes	SUR	Suriname	0.11821908
CO2	Processes	SVK	Slovakia	5.1922136
CO2	Processes	SVN	Slovenia	1.69680689
CO2	Processes	SWE	Sweden	5.28873402
CO2	Processes	SWZ	Eswatini	0.00109352
CO2	Processes	SYC	Seychelles	0.00109278
CO2	Processes	SYR	Syria	0.50176047
CO2	Processes	TCA	Turks and Caicos Islands	9.383E-06
CO2	Processes	TCD	Chad	0.01260301
CO2	Processes	TGO	Togo	0.00460102
CO2	Processes	THA	Thailand	1.62494459
CO2	Processes	TJK	Tajikistan	0.57456165
CO2	Processes	TKM	Turkmenistan	0.6182285
CO2	Processes	TLS	Timor-Leste	0.00135478
CO2	Processes	TON	Tonga	0.00027137
CO2	Processes	TTO	Trinidad and Tobago	0.47273267

CO2	Processes	TUN	Tunisia	0.43324407
CO2	Processes	TUR	Türkiye	5.37618228
CO2	Processes	TWN	Taiwan	5.55510824
CO2	Processes	TZA	Tanzania	0.1251769
CO2	Processes	UGA	Uganda	0.13643022
CO2	Processes	UKR	Ukraine	48.7144035
CO2	Processes	URY	Uruguay	0.3097241
CO2	Processes	USA	United States	128.219875
CO2	Processes	UZB	Uzbekistan	4.48958938
CO2	Processes	VCT	Saint Vincent and the Grenadines	0.00032536
CO2	Processes	VEN	Venezuela	2.09335956
CO2	Processes	VGB	British Virgin Islands	7.3035E-05
CO2	Processes	VNM	Viet Nam	0.75193414
CO2	Processes	VUT	Vanuatu	0.00047727
CO2	Processes	WSM	Samoa	0.00057064
CO2	Processes	YEM	Yemen	0.42496479
CO2	Processes	ZAF	South Africa	17.6380181
CO2	Processes	ZMB	Zambia	0.2969284
CO2	Processes	ZWE	Zimbabwe	1.6982466
CO2	Transport	ABW	Aruba	0.00179503
CO2	Transport	AFG	Afghanistan	0.24284419
CO2	Transport	AGO	Angola	1.02618609
CO2	Transport	AIA	Anguilla	0.00161839
CO2	Transport	AIR	International Aviation	169.900399
CO2	Transport	ALB	Albania	0.72604518
CO2	Transport	ANT	Curaçao	1.50425703
CO2	Transport	ARE	United Arab Emirates	0.40569306
CO2	Transport	ARG	Argentina	23.6034348
CO2	Transport	ARM	Armenia	0.96268948
CO2	Transport	ATG	Antigua and Barbuda	0.00739128
CO2	Transport	AUS	Australia	32.4797233
CO2	Transport	AUT	Austria	8.80551566
CO2	Transport	AZE	Azerbaijan	2.52323546
CO2	Transport	BDI	Burundi	0.00628949
CO2	Transport	BEL	Belgium	11.4132473
CO2	Transport	BEN	Benin	0.25129224
CO2	Transport	BFA	Burkina Faso	0.02695496
CO2	Transport	BGD	Bangladesh	0.24784179
CO2	Transport	BGR	Bulgaria	4.36832885
CO2	Transport	BHR	Bahrain	0.18008124
CO2	Transport	BHS	Bahamas	0.07391282
CO2	Transport	BIH	Bosnia and Herzegovina	1.81899674
CO2	Transport	BLR	Belarus	8.79154648
CO2	Transport	BLZ	Belize	0.00422359
CO2	Transport	BMU	Bermuda	0.01003103
CO2	Transport	BOL	Bolivia	1.00259326
CO2	Transport	BRA	Brazil	42.3801035
CO2	Transport	BRB	Barbados	0.01768628
CO2	Transport	BRN	Brunei	0.08072073
CO2	Transport	BTN	Bhutan	0.00069384
CO2	Transport	BWA	Botswana	0.06337064

CO2	Transport	CAF	Central African Republic	0.00898499
CO2	Transport	CAN	Canada	80.788943
CO2	Transport	CHE	Switzerland and Liechtenst	8.29084052
CO2	Transport	CHL	Chile	6.02812261
CO2	Transport	CHN	China	45.4583118
CO2	Transport	CIV	Côte d'Ivoire	0.87869557
CO2	Transport	CMR	Cameroon	0.56466512
CO2	Transport	COD	Democratic Republic of the	0.41602185
CO2	Transport	COG	Congo	0.3468207
CO2	Transport	COK	Cook Islands	0.00693841
CO2	Transport	COL	Colombia	6.75906299
CO2	Transport	COM	Comoros	0.0026955
CO2	Transport	CPV	Cabo Verde	0.01886847
CO2	Transport	CRI	Costa Rica	0.67654811
CO2	Transport	CUB	Cuba	4.15361673
CO2	Transport	CYM	Cayman Islands	0.00184782
CO2	Transport	CYP	Cyprus	0.6007865
CO2	Transport	CZE	Czechia	5.44869347
CO2	Transport	DEU	Germany	94.1322442
CO2	Transport	DJI	Djibouti	0.08984985
CO2	Transport	DMA	Dominica	0.00052795
CO2	Transport	DNK	Denmark	7.28195869
CO2	Transport	DOM	Dominican Republic	1.4174333
CO2	Transport	DZA	Algeria	2.66101119
CO2	Transport	ECU	Ecuador	1.84401894
CO2	Transport	EGY	Egypt	4.00038258
CO2	Transport	ERI	Eritrea	0.06100857
CO2	Transport	ESH	Western Sahara	0.01727025
CO2	Transport	ESP	Spain and Andorra	23.3159341
CO2	Transport	EST	Estonia	2.34262133
CO2	Transport	ETH	Ethiopia	0.48525633
CO2	Transport	FIN	Finland	6.02132781
CO2	Transport	FJI	Fiji	0.24631339
CO2	Transport	FLK	Falkland Islands	0.00021118
CO2	Transport	FRA	France and Monaco	55.7277301
CO2	Transport	GAB	Gabon	
CO2	Transport	GBR	United Kingdom	71.3481729
CO2	Transport	GEO	Georgia	4.83506894
CO2	Transport	GHA	Ghana	1.04170859
CO2	Transport	GIB	Gibraltar	0.0342935
CO2	Transport	GIN	Guinea	0.05031592
CO2	Transport	GLP	Guadeloupe	0.0092391
CO2	Transport	GMB	The Gambia	0.00988348
CO2	Transport	GNB	Guinea-Bissau	0.00539099
CO2	Transport	GNQ	Equatorial Guinea	0.0124185
CO2	Transport	GRC	Greece	4.50117841
CO2	Transport	GRD	Grenada	0.00079192
CO2	Transport	GRL	Greenland	
CO2	Transport	GTM	Guatemala	0.6790051
CO2	Transport	GUF	French Guiana	0.00659936
CO2	Transport	GUY	Guyana	0.18550239

CO2	Transport	HKG	Hong Kong	1.28761127
CO2	Transport	HND	Honduras	0.4529901
CO2	Transport	HRV	Croatia	4.13132283
CO2	Transport	HTI	Haiti	0.14499515
CO2	Transport	HUN	Hungary	6.87181096
CO2	Transport	IDN	Indonesia	8.10115487
CO2	Transport	IND	India	43.9233752
CO2	Transport	IRL	Ireland	2.62338123
CO2	Transport	IRN	Iran	7.53106071
CO2	Transport	IRQ	Iraq	2.46233203
CO2	Transport	ISL	Iceland	0.28746259
CO2	Transport	ISR	Israel and Palestine, State	3.15767947
CO2	Transport	ITA	Italy, San Marino and the H	46.2191919
CO2	Transport	JAM	Jamaica	1.29047644
CO2	Transport	JOR	Jordan	0.52020435
CO2	Transport	JPN	Japan	94.5350078
CO2	Transport	KAZ	Kazakhstan	6.72446192
CO2	Transport	KEN	Kenya	1.5439453
CO2	Transport	KGZ	Kyrgyzstan	1.95688781
CO2	Transport	KHM	Cambodia	0.06591485
CO2	Transport	KIR	Kiribati	0.00693841
CO2	Transport	KNA	Saint Kitts and Nevis	0.0010559
CO2	Transport	KOR	South Korea	6.48938254
CO2	Transport	KWT	Kuwait	1.93838261
CO2	Transport	LAO	Laos	0.10407608
CO2	Transport	LBN	Lebanon	1.25116982
CO2	Transport	LBR	Liberia	0.11680481
CO2	Transport	LBY	Libya	0.65824646
CO2	Transport	LCA	Saint Lucia	0.00211179
CO2	Transport	LKA	Sri Lanka	1.35463698
CO2	Transport	LSO	Lesotho	0.00898499
CO2	Transport	LTU	Lithuania	2.11375088
CO2	Transport	LUX	Luxembourg	0.49068156
CO2	Transport	LVA	Latvia	1.53990585
CO2	Transport	MAC	Macao	0.11101449
CO2	Transport	MAR	Morocco	1.74010179
CO2	Transport	MDA	Moldova	0.81309768
CO2	Transport	MDG	Madagascar	0.48281789
CO2	Transport	MDV	Maldives	0.0034692
CO2	Transport	MEX	Mexico	30.2229431
CO2	Transport	MKD	North Macedonia	0.54574403
CO2	Transport	MLI	Mali	0.02695496
CO2	Transport	MLT	Malta	0.20414862
CO2	Transport	MMR	Myanmar/Burma	1.54544354
CO2	Transport	MNG	Mongolia	0.41630432
CO2	Transport	MOZ	Mozambique	0.310464
CO2	Transport	MRT	Mauritania	0.03773694
CO2	Transport	MTQ	Martinique	0.01187885
CO2	Transport	MUS	Mauritius	0.12974434
CO2	Transport	MWI	Malawi	0.02695496
CO2	Transport	MYS	Malaysia	4.07975022

CO2	Transport	NAM	Namibia	0.08984985
CO2	Transport	NCL	New Caledonia	0.34692027
CO2	Transport	NER	Niger	0.12329376
CO2	Transport	NGA	Nigeria	2.97698291
CO2	Transport	NIC	Nicaragua	0.69366068
CO2	Transport	NLD	Netherlands	16.3938184
CO2	Transport	NOR	Norway	6.73841608
CO2	Transport	NPL	Nepal	0.0631317
CO2	Transport	NZL	New Zealand	4.87538808
CO2	Transport	OMN	Oman	0.0931392
CO2	Transport	PAK	Pakistan	3.18002105
CO2	Transport	PAN	Panama	0.78797934
CO2	Transport	PER	Peru	5.26020851
CO2	Transport	PHL	Philippines	9.84923251
CO2	Transport	PLW	Palau	0.71414014
CO2	Transport	PNG	Papua New Guinea	0.41630432
CO2	Transport	POL	Poland	28.9800502
CO2	Transport	PRI	Puerto Rico	0.58648985
CO2	Transport	PRK	North Korea	1.77523537
CO2	Transport	PRT	Portugal	3.53985237
CO2	Transport	PRY	Paraguay	0.39299266
CO2	Transport	PYF	French Polynesia	0.05203804
CO2	Transport	QAT	Qatar	0.23337951
CO2	Transport	REU	Réunion	0.03863544
CO2	Transport	ROU	Romania	6.50488873
CO2	Transport	RUS	Russia	131.119321
CO2	Transport	RWA	Rwanda	0.02355576
CO2	Transport	SAU	Saudi Arabia	3.32316223
CO2	Transport	SCG	Serbia and Montenegro	3.81966858
CO2	Transport	SDN	Sudan and South Sudan	2.05621393
CO2	Transport	SEA	International Shipping	353.846352
CO2	Transport	SEN	Senegal	0.43456983
CO2	Transport	SGP	Singapore	1.52759142
CO2	Transport	SHN	Saint Helena, Ascension and Tristan da Cunha	0.00104675
CO2	Transport	SLB	Solomon Islands	0.02428442
CO2	Transport	SLE	Sierra Leone	0.04492493
CO2	Transport	SLV	El Salvador	0.56686889
CO2	Transport	SOM	Somalia	0.07098138
CO2	Transport	SPM	Saint Pierre and Miquelon	0.00263974
CO2	Transport	STP	São Tomé and Príncipe	0.001797
CO2	Transport	SUR	Suriname	0.03695641
CO2	Transport	SVK	Slovakia	4.26583008
CO2	Transport	SVN	Slovenia	1.89529829
CO2	Transport	SWE	Sweden	13.9151227
CO2	Transport	SWZ	Eswatini	0.13899369
CO2	Transport	SYC	Seychelles	0.01347748
CO2	Transport	SYR	Syria	1.441065
CO2	Transport	TCA	Turks and Caicos Islands	0.00023478
CO2	Transport	TCD	Chad	0.01796997
CO2	Transport	TGO	Togo	0.20658054
CO2	Transport	THA	Thailand	5.85670619

CO2	Transport	TJK	Tajikistan	0.23785742
CO2	Transport	TKM	Turkmenistan	1.34279407
CO2	Transport	TLS	Timor-Leste	
CO2	Transport	TON	Tonga	0.00693841
CO2	Transport	TTO	Trinidad and Tobago	0.72957335
CO2	Transport	TUN	Tunisia	0.89150487
CO2	Transport	TUR	Türkiye	10.2766646
CO2	Transport	TWN	Taiwan	2.44097063
CO2	Transport	TZA	Tanzania	0.71080302
CO2	Transport	UGA	Uganda	0.36324288
CO2	Transport	UKR	Ukraine	47.3301801
CO2	Transport	URY	Uruguay	1.7355933
CO2	Transport	USA	United States	1039.78275
CO2	Transport	UZB	Uzbekistan	2.70099766
CO2	Transport	VCT	Saint Vincent and the Grer	0.00079192
CO2	Transport	VEN	Venezuela	11.9951198
CO2	Transport	VGB	British Virgin Islands	0.00052795
CO2	Transport	VNM	Viet Nam	2.80887037
CO2	Transport	VUT	Vanuatu	0.02775362
CO2	Transport	WSM	Samoa	0.02428442
CO2	Transport	YEM	Yemen	0.65872725
CO2	Transport	ZAF	South Africa	28.7198825
CO2	Transport	ZMB	Zambia	0.63117281
CO2	Transport	ZWE	Zimbabwe	2.07947067
CO2	Waste	ALB	Albania	0.00050209
CO2	Waste	ARG	Argentina	0.00512493
CO2	Waste	AUS	Australia	0.00800875
CO2	Waste	AUT	Austria	0.01026624
CO2	Waste	AZE	Azerbaijan	0.00106457
CO2	Waste	BEL	Belgium	0.12986305
CO2	Waste	BEN	Benin	0.00015966
CO2	Waste	BGR	Bulgaria	0.00855238
CO2	Waste	BHS	Bahamas	0.00030173
CO2	Waste	BIH	Bosnia and Herzegovina	0.00058218
CO2	Waste	BLR	Belarus	0.00646744
CO2	Waste	BOL	Bolivia	0.00053022
CO2	Waste	BRA	Brazil	0.08060624
CO2	Waste	BRN	Brunei	0.00038751
CO2	Waste	CAN	Canada	0.08728228
CO2	Waste	CHE	Switzerland and Liechtenst	0.01334149
CO2	Waste	CHL	Chile	0.00231746
CO2	Waste	CHN	China	0.1556327
CO2	Waste	COG	Congo	6.4379E-07
CO2	Waste	COL	Colombia	0.00537365
CO2	Waste	CUB	Cuba	0.00020155
CO2	Waste	CZE	Czechia	0.01057048
CO2	Waste	DEU	Germany	0.15449988
CO2	Waste	DMA	Dominica	4.0549E-05
CO2	Waste	DNK	Denmark	0.00048014
CO2	Waste	DOM	Dominican Republic	8.8254E-05
CO2	Waste	DZA	Algeria	0.00038535



CO2	Waste	ECU	Ecuador	0.00091894
CO2	Waste	EGY	Egypt	6.9409E-05
CO2	Waste	ESP	Spain and Andorra	1.49699655
CO2	Waste	EST	Estonia	0.00043809
CO2	Waste	ETH	Ethiopia	0.00014726
CO2	Waste	FLK	Falkland Islands	
CO2	Waste	FRA	France and Monaco	1.22525767
CO2	Waste	FRO	Faroes	0.00078944
CO2	Waste	GAB	Gabon	2.7683E-05
CO2	Waste	GBR	United Kingdom	0.40037591
CO2	Waste	GIB	Gibraltar	0.00027357
CO2	Waste	GRC	Greece	0.00011628
CO2	Waste	GRL	Greenland	0.00032046
CO2	Waste	GUF	French Guiana	1.9362E-05
CO2	Waste	GUY	Guyana	7.2979E-05
CO2	Waste	HKG	Hong Kong	0.00377179
CO2	Waste	HND	Honduras	0.00878006
CO2	Waste	HRV	Croatia	0.00027256
CO2	Waste	HUN	Hungary	0.07264931
CO2	Waste	IDN	Indonesia	0.01975035
CO2	Waste	IRL	Ireland	0.02271987
CO2	Waste	ISL	Iceland	0.00245746
CO2	Waste	ITA	Italy, San Marino and the H	0.39426488
CO2	Waste	JAM	Jamaica	0.00041384
CO2	Waste	JOR	Jordan	2.0202E-05
CO2	Waste	JPN	Japan	2.41864312
CO2	Waste	KEN	Kenya	0.00013186
CO2	Waste	KHM	Cambodia	0.00209507
CO2	Waste	KOR	South Korea	0.12815035
CO2	Waste	KWT	Kuwait	6.3242E-05
CO2	Waste	LAO	Laos	0.00135769
CO2	Waste	LBN	Lebanon	0.00013263
CO2	Waste	LCA	Saint Lucia	2.3852E-05
CO2	Waste	LTU	Lithuania	0.00176062
CO2	Waste	MAC	Macao	0.00027372
CO2	Waste	MDA	Moldova	0.00091485
CO2	Waste	MDV	Maldives	0.00023229
CO2	Waste	MEX	Mexico	0.00880232
CO2	Waste	MKD	North Macedonia	0.00723716
CO2	Waste	MLI	Mali	0.00088521
CO2	Waste	MLT	Malta	0.00015195
CO2	Waste	MMR	Myanmar/Burma	0.01524538
CO2	Waste	MNG	Mongolia	0.0002651
CO2	Waste	MUS	Mauritius	0.00012897
CO2	Waste	MYS	Malaysia	0.00999167
CO2	Waste	NLD	Netherlands	0.01031381
CO2	Waste	NOR	Norway	0.00288374
CO2	Waste	NZL	New Zealand	0.00162661
CO2	Waste	PER	Peru	0.00261385
CO2	Waste	PHL	Philippines	0.03150694
CO2	Waste	PLW	Palau	

CO2	Waste	PNG	Papua New Guinea	0.00018785
CO2	Waste	POL	Poland	0.18115565
CO2	Waste	PRK	North Korea	0.00492919
CO2	Waste	PRT	Portugal	0.14686125
CO2	Waste	PRY	Paraguay	6.2554E-05
CO2	Waste	QAT	Qatar	8.7836E-07
CO2	Waste	ROU	Romania	0.00103877
CO2	Waste	SCG	Serbia and Montenegro	0.00191749
CO2	Waste	SGP	Singapore	0.01390861
CO2	Waste	SPM	Saint Pierre and Miquelon	1.5509E-05
CO2	Waste	SUR	Suriname	7.149E-05
CO2	Waste	SVK	Slovakia	0.00383189
CO2	Waste	SVN	Slovenia	0.00053411
CO2	Waste	SWE	Sweden	0.02949827
CO2	Waste	TGO	Togo	2.5751E-05
CO2	Waste	THA	Thailand	0.0036716
CO2	Waste	TLS	Timor-Leste	3.7636E-05
CO2	Waste	TUR	Türkiye	0.00875575
CO2	Waste	TWN	Taiwan	0.00179753
CO2	Waste	UKR	Ukraine	0.03066718
CO2	Waste	URY	Uruguay	0.00092937
CO2	Waste	USA	United States	0.00176081
CO2	Waste	VCT	Saint Vincent and the Grenadines	2.3852E-06
CO2	Waste	VEN	Venezuela	0.00471684
CO2	Waste	VNM	Viet Nam	0.00284919
GWP_100_AR5_CH4	Agriculture	ABW	Aruba	
GWP_100_AR5_CH4	Agriculture	AFG	Afghanistan	10.5313664
GWP_100_AR5_CH4	Agriculture	AGO	Angola	3.14573181
GWP_100_AR5_CH4	Agriculture	ALB	Albania	1.31590155
GWP_100_AR5_CH4	Agriculture	ANT	Curaçao	0.00959308
GWP_100_AR5_CH4	Agriculture	ARE	United Arab Emirates	0.20935258
GWP_100_AR5_CH4	Agriculture	ARG	Argentina	93.0722418
GWP_100_AR5_CH4	Agriculture	ARM	Armenia	1.32606756
GWP_100_AR5_CH4	Agriculture	ATG	Antigua and Barbuda	0.01679349
GWP_100_AR5_CH4	Agriculture	AUS	Australia	85.0065638
GWP_100_AR5_CH4	Agriculture	AUT	Austria	6.271042
GWP_100_AR5_CH4	Agriculture	AZE	Azerbaijan	4.65062325
GWP_100_AR5_CH4	Agriculture	BDI	Burundi	0.80643116
GWP_100_AR5_CH4	Agriculture	BEL	Belgium	7.24083439
GWP_100_AR5_CH4	Agriculture	BEN	Benin	0.72173204
GWP_100_AR5_CH4	Agriculture	BFA	Burkina Faso	3.47048872
GWP_100_AR5_CH4	Agriculture	BGD	Bangladesh	108.788251
GWP_100_AR5_CH4	Agriculture	BGR	Bulgaria	6.23496672
GWP_100_AR5_CH4	Agriculture	BHR	Bahrain	0.00842222
GWP_100_AR5_CH4	Agriculture	BHS	Bahamas	0.01200086
GWP_100_AR5_CH4	Agriculture	BIH	Bosnia and Herzegovina	1.8841889
GWP_100_AR5_CH4	Agriculture	BLR	Belarus	13.7548499
GWP_100_AR5_CH4	Agriculture	BLZ	Belize	0.07178238
GWP_100_AR5_CH4	Agriculture	BMU	Bermuda	0.00241804
GWP_100_AR5_CH4	Agriculture	BOL	Bolivia	5.43348603
GWP_100_AR5_CH4	Agriculture	BRA	Brazil	152.106411

GWP_100_AR5_CH4	Agriculture	BRB	Barbados	0.05451428
GWP_100_AR5_CH4	Agriculture	BRN	Brunei	0.0710365
GWP_100_AR5_CH4	Agriculture	BTN	Bhutan	0.4899518
GWP_100_AR5_CH4	Agriculture	BWA	Botswana	2.26120316
GWP_100_AR5_CH4	Agriculture	CAF	Central African Republic	0.84191104
GWP_100_AR5_CH4	Agriculture	CAN	Canada	25.1160049
GWP_100_AR5_CH4	Agriculture	CHE	Switzerland and Liechtenst	4.8833322
GWP_100_AR5_CH4	Agriculture	CHL	Chile	7.48733495
GWP_100_AR5_CH4	Agriculture	CHN	China	717.112871
GWP_100_AR5_CH4	Agriculture	CIV	Côte d'Ivoire	1.18033757
GWP_100_AR5_CH4	Agriculture	CMR	Cameroon	3.08797952
GWP_100_AR5_CH4	Agriculture	COD	Democratic Republic of the	3.02825881
GWP_100_AR5_CH4	Agriculture	COG	Congo	0.07044324
GWP_100_AR5_CH4	Agriculture	COK	Cook Islands	0.00258827
GWP_100_AR5_CH4	Agriculture	COL	Colombia	35.9623298
GWP_100_AR5_CH4	Agriculture	COM	Comoros	0.12712497
GWP_100_AR5_CH4	Agriculture	CPV	Cabo Verde	0.02836153
GWP_100_AR5_CH4	Agriculture	CRI	Costa Rica	2.98870349
GWP_100_AR5_CH4	Agriculture	CUB	Cuba	14.203726
GWP_100_AR5_CH4	Agriculture	CYM	Cayman Islands	0.00600145
GWP_100_AR5_CH4	Agriculture	CYP	Cyprus	0.28788511
GWP_100_AR5_CH4	Agriculture	CZE	Czechia	8.6110893
GWP_100_AR5_CH4	Agriculture	DEU	Germany	52.2452024
GWP_100_AR5_CH4	Agriculture	DJI	Djibouti	0.15745912
GWP_100_AR5_CH4	Agriculture	DMA	Dominica	0.00689666
GWP_100_AR5_CH4	Agriculture	DNK	Denmark	8.00649444
GWP_100_AR5_CH4	Agriculture	DOM	Dominican Republic	3.41450032
GWP_100_AR5_CH4	Agriculture	DZA	Algeria	2.95581423
GWP_100_AR5_CH4	Agriculture	ECU	Ecuador	5.44733584
GWP_100_AR5_CH4	Agriculture	EGY	Egypt	14.0506636
GWP_100_AR5_CH4	Agriculture	ERI	Eritrea	2.43710071
GWP_100_AR5_CH4	Agriculture	ESH	Western Sahara	0.10108286
GWP_100_AR5_CH4	Agriculture	ESP	Spain and Andorra	17.9950339
GWP_100_AR5_CH4	Agriculture	EST	Estonia	1.59335218
GWP_100_AR5_CH4	Agriculture	ETH	Ethiopia	31.2746702
GWP_100_AR5_CH4	Agriculture	FIN	Finland	4.48029914
GWP_100_AR5_CH4	Agriculture	FJI	Fiji	0.46355188
GWP_100_AR5_CH4	Agriculture	FLK	Falkland Islands	0.11273326
GWP_100_AR5_CH4	Agriculture	FRA	France and Monaco	50.8429608
GWP_100_AR5_CH4	Agriculture	FRO	Faroese	0.01875197
GWP_100_AR5_CH4	Agriculture	GAB	Gabon	0.02418968
GWP_100_AR5_CH4	Agriculture	GBR	United Kingdom	34.8936625
GWP_100_AR5_CH4	Agriculture	GEO	Georgia	2.33444771
GWP_100_AR5_CH4	Agriculture	GHA	Ghana	1.60910415
GWP_100_AR5_CH4	Agriculture	GIN	Guinea	2.32289224
GWP_100_AR5_CH4	Agriculture	GLP	Guadeloupe	0.13308535
GWP_100_AR5_CH4	Agriculture	GMB	The Gambia	0.43904883
GWP_100_AR5_CH4	Agriculture	GNB	Guinea-Bissau	0.42982322
GWP_100_AR5_CH4	Agriculture	GNQ	Equatorial Guinea	0.00860324
GWP_100_AR5_CH4	Agriculture	GRC	Greece	5.24355776
GWP_100_AR5_CH4	Agriculture	GRD	Grenada	0.01365944

GWP_100_AR5_CH4	Agriculture	GRL	Greenland	0.00735839
GWP_100_AR5_CH4	Agriculture	GTM	Guatemala	2.64722066
GWP_100_AR5_CH4	Agriculture	GUF	French Guiana	0.00489101
GWP_100_AR5_CH4	Agriculture	GUY	Guyana	1.82347791
GWP_100_AR5_CH4	Agriculture	HKG	Hong Kong	0.13733701
GWP_100_AR5_CH4	Agriculture	HND	Honduras	2.54999416
GWP_100_AR5_CH4	Agriculture	HRV	Croatia	2.25435117
GWP_100_AR5_CH4	Agriculture	HTI	Haiti	2.21072852
GWP_100_AR5_CH4	Agriculture	HUN	Hungary	7.79582344
GWP_100_AR5_CH4	Agriculture	IDN	Indonesia	99.2374647
GWP_100_AR5_CH4	Agriculture	IND	India	407.789955
GWP_100_AR5_CH4	Agriculture	IRL	Ireland	11.0550559
GWP_100_AR5_CH4	Agriculture	IRN	Iran	16.5771867
GWP_100_AR5_CH4	Agriculture	IRQ	Iraq	5.91833254
GWP_100_AR5_CH4	Agriculture	ISL	Iceland	0.3324673
GWP_100_AR5_CH4	Agriculture	ISR	Israel and Palestine, State of	0.54876271
GWP_100_AR5_CH4	Agriculture	ITA	Italy, San Marino and the Holy See	28.6895576
GWP_100_AR5_CH4	Agriculture	JAM	Jamaica	0.56334417
GWP_100_AR5_CH4	Agriculture	JOR	Jordan	0.23071976
GWP_100_AR5_CH4	Agriculture	JPN	Japan	80.1567634
GWP_100_AR5_CH4	Agriculture	KAZ	Kazakhstan	27.3612257
GWP_100_AR5_CH4	Agriculture	KEN	Kenya	10.832727
GWP_100_AR5_CH4	Agriculture	KGZ	Kyrgyzstan	4.80701953
GWP_100_AR5_CH4	Agriculture	KHM	Cambodia	22.7893576
GWP_100_AR5_CH4	Agriculture	KIR	Kiribati	0.00150331
GWP_100_AR5_CH4	Agriculture	KNA	Saint Kitts and Nevis	0.01473728
GWP_100_AR5_CH4	Agriculture	KOR	South Korea	22.4138436
GWP_100_AR5_CH4	Agriculture	KWT	Kuwait	0.04631481
GWP_100_AR5_CH4	Agriculture	LAO	Laos	5.70423487
GWP_100_AR5_CH4	Agriculture	LBN	Lebanon	0.21870169
GWP_100_AR5_CH4	Agriculture	LBR	Liberia	0.18001004
GWP_100_AR5_CH4	Agriculture	LBY	Libya	0.87004499
GWP_100_AR5_CH4	Agriculture	LCA	Saint Lucia	0.01835602
GWP_100_AR5_CH4	Agriculture	LKA	Sri Lanka	12.3825302
GWP_100_AR5_CH4	Agriculture	LSO	Lesotho	1.03997376
GWP_100_AR5_CH4	Agriculture	LTU	Lithuania	4.67168777
GWP_100_AR5_CH4	Agriculture	LUX	Luxembourg	0.46371862
GWP_100_AR5_CH4	Agriculture	LVA	Latvia	3.11219231
GWP_100_AR5_CH4	Agriculture	MAC	Macao	0.0007736
GWP_100_AR5_CH4	Agriculture	MAR	Morocco	8.16726777
GWP_100_AR5_CH4	Agriculture	MDA	Moldova	2.37121571
GWP_100_AR5_CH4	Agriculture	MDG	Madagascar	14.5583296
GWP_100_AR5_CH4	Agriculture	MDV	Maldives	7.4639E-05
GWP_100_AR5_CH4	Agriculture	MEX	Mexico	46.7400563
GWP_100_AR5_CH4	Agriculture	MKD	North Macedonia	1.73108296
GWP_100_AR5_CH4	Agriculture	MLI	Mali	8.04835062
GWP_100_AR5_CH4	Agriculture	MLT	Malta	0.04054433
GWP_100_AR5_CH4	Agriculture	MMR	Myanmar/Burma	54.2567628
GWP_100_AR5_CH4	Agriculture	MNG	Mongolia	7.32353441
GWP_100_AR5_CH4	Agriculture	MOZ	Mozambique	1.91125848
GWP_100_AR5_CH4	Agriculture	MRT	Mauritania	3.86825815

GWP_100_AR5_CH4	Agriculture	MTQ	Martinique	0.08383749
GWP_100_AR5_CH4	Agriculture	MUS	Mauritius	0.07947147
GWP_100_AR5_CH4	Agriculture	MWI	Malawi	0.76132378
GWP_100_AR5_CH4	Agriculture	MYS	Malaysia	9.60352938
GWP_100_AR5_CH4	Agriculture	NAM	Namibia	4.09129408
GWP_100_AR5_CH4	Agriculture	NCL	New Caledonia	0.21092736
GWP_100_AR5_CH4	Agriculture	NER	Niger	7.66025875
GWP_100_AR5_CH4	Agriculture	NGA	Nigeria	15.2982277
GWP_100_AR5_CH4	Agriculture	NIC	Nicaragua	4.48901956
GWP_100_AR5_CH4	Agriculture	NLD	Netherlands	10.8730198
GWP_100_AR5_CH4	Agriculture	NOR	Norway	2.73969117
GWP_100_AR5_CH4	Agriculture	NPL	Nepal	20.279442
GWP_100_AR5_CH4	Agriculture	NZL	New Zealand	30.3602132
GWP_100_AR5_CH4	Agriculture	OMN	Oman	0.11869424
GWP_100_AR5_CH4	Agriculture	PAK	Pakistan	60.5886704
GWP_100_AR5_CH4	Agriculture	PAN	Panama	2.64041128
GWP_100_AR5_CH4	Agriculture	PER	Peru	10.9925051
GWP_100_AR5_CH4	Agriculture	PHL	Philippines	46.9720695
GWP_100_AR5_CH4	Agriculture	PLW	Palau	
GWP_100_AR5_CH4	Agriculture	PNG	Papua New Guinea	0.2300841
GWP_100_AR5_CH4	Agriculture	POL	Poland	29.3018132
GWP_100_AR5_CH4	Agriculture	PRI	Puerto Rico	0.96184467
GWP_100_AR5_CH4	Agriculture	PRK	North Korea	7.61610277
GWP_100_AR5_CH4	Agriculture	PRT	Portugal	4.73027001
GWP_100_AR5_CH4	Agriculture	PRY	Paraguay	7.3423519
GWP_100_AR5_CH4	Agriculture	PYF	French Polynesia	0.02412521
GWP_100_AR5_CH4	Agriculture	QAT	Qatar	0.02779594
GWP_100_AR5_CH4	Agriculture	REU	Réunion	0.03942777
GWP_100_AR5_CH4	Agriculture	ROU	Romania	15.4136719
GWP_100_AR5_CH4	Agriculture	RUS	Russia	130.899769
GWP_100_AR5_CH4	Agriculture	RWA	Rwanda	0.73440671
GWP_100_AR5_CH4	Agriculture	SAU	Saudi Arabia	0.8276437
GWP_100_AR5_CH4	Agriculture	SCG	Serbia and Montenegro	8.0936762
GWP_100_AR5_CH4	Agriculture	SDN	Sudan and South Sudan	20.4254724
GWP_100_AR5_CH4	Agriculture	SEN	Senegal	3.59523702
GWP_100_AR5_CH4	Agriculture	SGP	Singapore	0.12849842
GWP_100_AR5_CH4	Agriculture	SHN	Saint Helena, Ascension and Tristan da Cunha	0.00164497
GWP_100_AR5_CH4	Agriculture	SLB	Solomon Islands	0.04033372
GWP_100_AR5_CH4	Agriculture	SLE	Sierra Leone	1.54404368
GWP_100_AR5_CH4	Agriculture	SLV	El Salvador	1.97452771
GWP_100_AR5_CH4	Agriculture	SOM	Somalia	13.4429568
GWP_100_AR5_CH4	Agriculture	SPM	Saint Pierre and Miquelon	
GWP_100_AR5_CH4	Agriculture	STP	São Tomé and Príncipe	0.00436579
GWP_100_AR5_CH4	Agriculture	SUR	Suriname	0.6596237
GWP_100_AR5_CH4	Agriculture	SVK	Slovakia	3.81441404
GWP_100_AR5_CH4	Agriculture	SVN	Slovenia	1.85989112
GWP_100_AR5_CH4	Agriculture	SWE	Sweden	4.71637144
GWP_100_AR5_CH4	Agriculture	SWZ	Eswatini	0.83974458
GWP_100_AR5_CH4	Agriculture	SYC	Seychelles	0.00303869
GWP_100_AR5_CH4	Agriculture	SYR	Syria	1.72924635
GWP_100_AR5_CH4	Agriculture	TCD	Chad	5.90698268

GWP_100_AR5_CH4	Agriculture	TGO	Togo	0.52631632
GWP_100_AR5_CH4	Agriculture	THA	Thailand	77.6374978
GWP_100_AR5_CH4	Agriculture	TJK	Tajikistan	3.00687727
GWP_100_AR5_CH4	Agriculture	TKM	Turkmenistan	3.14590574
GWP_100_AR5_CH4	Agriculture	TLS	Timor-Leste	0.47795685
GWP_100_AR5_CH4	Agriculture	TON	Tonga	0.02291216
GWP_100_AR5_CH4	Agriculture	TTO	Trinidad and Tobago	0.16100588
GWP_100_AR5_CH4	Agriculture	TUN	Tunisia	1.93587881
GWP_100_AR5_CH4	Agriculture	TUR	Türkiye	31.5190453
GWP_100_AR5_CH4	Agriculture	TWN	Taiwan	9.67301337
GWP_100_AR5_CH4	Agriculture	TZA	Tanzania	11.0622119
GWP_100_AR5_CH4	Agriculture	UGA	Uganda	5.04940774
GWP_100_AR5_CH4	Agriculture	UKR	Ukraine	51.9383734
GWP_100_AR5_CH4	Agriculture	URY	Uruguay	18.5351707
GWP_100_AR5_CH4	Agriculture	USA	United States	243.6617
GWP_100_AR5_CH4	Agriculture	UZB	Uzbekistan	13.6178835
GWP_100_AR5_CH4	Agriculture	VCT	Saint Vincent and the Grenadines	0.01362859
GWP_100_AR5_CH4	Agriculture	VEN	Venezuela	14.4791034
GWP_100_AR5_CH4	Agriculture	VGB	British Virgin Islands	0.00561635
GWP_100_AR5_CH4	Agriculture	VNM	Viet Nam	59.647081
GWP_100_AR5_CH4	Agriculture	VUT	Vanuatu	0.15363934
GWP_100_AR5_CH4	Agriculture	WSM	Samoa	0.05160004
GWP_100_AR5_CH4	Agriculture	YEM	Yemen	1.980149
GWP_100_AR5_CH4	Agriculture	ZAF	South Africa	21.2937057
GWP_100_AR5_CH4	Agriculture	ZMB	Zambia	1.94012903
GWP_100_AR5_CH4	Agriculture	ZWE	Zimbabwe	6.49348576
GWP_100_AR5_CH4	Buildings	ABW	Aruba	9.5244E-05
GWP_100_AR5_CH4	Buildings	AFG	Afghanistan	0.02508053
GWP_100_AR5_CH4	Buildings	AGO	Angola	0.7668897
GWP_100_AR5_CH4	Buildings	AIA	Anguilla	6.2118E-08
GWP_100_AR5_CH4	Buildings	ALB	Albania	0.16717211
GWP_100_AR5_CH4	Buildings	ANT	Curaçao	0.00110987
GWP_100_AR5_CH4	Buildings	ARE	United Arab Emirates	
GWP_100_AR5_CH4	Buildings	ARG	Argentina	0.19229422
GWP_100_AR5_CH4	Buildings	ARM	Armenia	0.10580616
GWP_100_AR5_CH4	Buildings	ATG	Antigua and Barbuda	8.4348E-05
GWP_100_AR5_CH4	Buildings	AUS	Australia	0.8264909
GWP_100_AR5_CH4	Buildings	AUT	Austria	0.78769221
GWP_100_AR5_CH4	Buildings	AZE	Azerbaijan	0.05095421
GWP_100_AR5_CH4	Buildings	BDI	Burundi	0.42990615
GWP_100_AR5_CH4	Buildings	BEL	Belgium	1.12457108
GWP_100_AR5_CH4	Buildings	BEN	Benin	0.29547093
GWP_100_AR5_CH4	Buildings	BFA	Burkina Faso	0.74667035
GWP_100_AR5_CH4	Buildings	BGD	Bangladesh	2.24789057
GWP_100_AR5_CH4	Buildings	BGR	Bulgaria	0.47568251
GWP_100_AR5_CH4	Buildings	BHR	Bahrain	0.00015011
GWP_100_AR5_CH4	Buildings	BHS	Bahamas	0.0021967
GWP_100_AR5_CH4	Buildings	BIH	Bosnia and Herzegovina	0.16714517
GWP_100_AR5_CH4	Buildings	BLR	Belarus	0.56041985
GWP_100_AR5_CH4	Buildings	BLZ	Belize	0.00332015
GWP_100_AR5_CH4	Buildings	BMU	Bermuda	0.00011447

GWP_100_AR5_CH4	Buildings	BOL	Bolivia	0.05696348
GWP_100_AR5_CH4	Buildings	BRA	Brazil	8.57937053
GWP_100_AR5_CH4	Buildings	BRB	Barbados	0.00053641
GWP_100_AR5_CH4	Buildings	BRN	Brunei	0.00565107
GWP_100_AR5_CH4	Buildings	BTN	Bhutan	0.09089976
GWP_100_AR5_CH4	Buildings	BWA	Botswana	0.05424314
GWP_100_AR5_CH4	Buildings	CAF	Central African Republic	0.2057211
GWP_100_AR5_CH4	Buildings	CAN	Canada	1.24903066
GWP_100_AR5_CH4	Buildings	CHE	Switzerland and Liechtenst	0.23284995
GWP_100_AR5_CH4	Buildings	CHL	Chile	0.43444248
GWP_100_AR5_CH4	Buildings	CHN	China	70.9011515
GWP_100_AR5_CH4	Buildings	CIV	Côte d'Ivoire	0.33582363
GWP_100_AR5_CH4	Buildings	CMR	Cameroon	0.78611011
GWP_100_AR5_CH4	Buildings	COD	Democratic Republic of the	1.46754941
GWP_100_AR5_CH4	Buildings	COG	Congo	0.08049308
GWP_100_AR5_CH4	Buildings	COK	Cook Islands	3.5665E-05
GWP_100_AR5_CH4	Buildings	COL	Colombia	1.38380183
GWP_100_AR5_CH4	Buildings	COM	Comoros	0.00717956
GWP_100_AR5_CH4	Buildings	CPV	Cabo Verde	0.0095194
GWP_100_AR5_CH4	Buildings	CRI	Costa Rica	0.036956
GWP_100_AR5_CH4	Buildings	CUB	Cuba	0.05262401
GWP_100_AR5_CH4	Buildings	CYM	Cayman Islands	2.1087E-05
GWP_100_AR5_CH4	Buildings	CYP	Cyprus	0.00277651
GWP_100_AR5_CH4	Buildings	CZE	Czechia	3.10053218
GWP_100_AR5_CH4	Buildings	DEU	Germany	8.26093489
GWP_100_AR5_CH4	Buildings	DJI	Djibouti	0.00565085
GWP_100_AR5_CH4	Buildings	DMA	Dominica	0.00055746
GWP_100_AR5_CH4	Buildings	DNK	Denmark	0.14562322
GWP_100_AR5_CH4	Buildings	DOM	Dominican Republic	0.1462678
GWP_100_AR5_CH4	Buildings	DZA	Algeria	0.00660159
GWP_100_AR5_CH4	Buildings	ECU	Ecuador	0.34634562
GWP_100_AR5_CH4	Buildings	EGY	Egypt	0.27509074
GWP_100_AR5_CH4	Buildings	ERI	Eritrea	0.09962133
GWP_100_AR5_CH4	Buildings	ESH	Western Sahara	0.00013162
GWP_100_AR5_CH4	Buildings	ESP	Spain and Andorra	0.32193669
GWP_100_AR5_CH4	Buildings	EST	Estonia	0.1867766
GWP_100_AR5_CH4	Buildings	ETH	Ethiopia	3.22264335
GWP_100_AR5_CH4	Buildings	FIN	Finland	1.52523205
GWP_100_AR5_CH4	Buildings	FJI	Fiji	0.00185073
GWP_100_AR5_CH4	Buildings	FLK	Falkland Islands	3.8678E-05
GWP_100_AR5_CH4	Buildings	FRA	France and Monaco	5.75895634
GWP_100_AR5_CH4	Buildings	FRO	Faroes	
GWP_100_AR5_CH4	Buildings	GAB	Gabon	0.13701238
GWP_100_AR5_CH4	Buildings	GBR	United Kingdom	5.44027446
GWP_100_AR5_CH4	Buildings	GEO	Georgia	0.33317413
GWP_100_AR5_CH4	Buildings	GHA	Ghana	0.54411775
GWP_100_AR5_CH4	Buildings	GIB	Gibraltar	3.304E-07
GWP_100_AR5_CH4	Buildings	GIN	Guinea	0.93404749
GWP_100_AR5_CH4	Buildings	GLP	Guadeloupe	0.00093838
GWP_100_AR5_CH4	Buildings	GMB	The Gambia	0.02880928
GWP_100_AR5_CH4	Buildings	GNB	Guinea-Bissau	0.10046064

GWP_100_AR5_CH4	Buildings	GNQ	Equatorial Guinea	0.02923503
GWP_100_AR5_CH4	Buildings	GRC	Greece	0.17698269
GWP_100_AR5_CH4	Buildings	GRD	Grenada	9.0372E-06
GWP_100_AR5_CH4	Buildings	GRL	Greenland	
GWP_100_AR5_CH4	Buildings	GTM	Guatemala	0.58638731
GWP_100_AR5_CH4	Buildings	GUF	French Guiana	0.00093775
GWP_100_AR5_CH4	Buildings	GUY	Guyana	0.01724521
GWP_100_AR5_CH4	Buildings	HKG	Hong Kong	0.00994831
GWP_100_AR5_CH4	Buildings	HND	Honduras	0.30087292
GWP_100_AR5_CH4	Buildings	HRV	Croatia	0.24041011
GWP_100_AR5_CH4	Buildings	HTI	Haiti	0.38441952
GWP_100_AR5_CH4	Buildings	HUN	Hungary	0.82813403
GWP_100_AR5_CH4	Buildings	IDN	Indonesia	8.86354018
GWP_100_AR5_CH4	Buildings	IND	India	21.3321433
GWP_100_AR5_CH4	Buildings	IRL	Ireland	0.41652128
GWP_100_AR5_CH4	Buildings	IRN	Iran	0.06823042
GWP_100_AR5_CH4	Buildings	IRQ	Iraq	0.01235679
GWP_100_AR5_CH4	Buildings	ISL	Iceland	0.00092988
GWP_100_AR5_CH4	Buildings	ISR	Israel and Palestine, State of	0.00712781
GWP_100_AR5_CH4	Buildings	ITA	Italy, San Marino and the Holy See	0.645015
GWP_100_AR5_CH4	Buildings	JAM	Jamaica	0.01767393
GWP_100_AR5_CH4	Buildings	JOR	Jordan	0.00167124
GWP_100_AR5_CH4	Buildings	JPN	Japan	1.30407335
GWP_100_AR5_CH4	Buildings	KAZ	Kazakhstan	0.10669967
GWP_100_AR5_CH4	Buildings	KEN	Kenya	0.87882384
GWP_100_AR5_CH4	Buildings	KGZ	Kyrgyzstan	0.01274983
GWP_100_AR5_CH4	Buildings	KHM	Cambodia	0.38484124
GWP_100_AR5_CH4	Buildings	KIR	Kiribati	8.1493E-05
GWP_100_AR5_CH4	Buildings	KNA	Saint Kitts and Nevis	1.205E-05
GWP_100_AR5_CH4	Buildings	KOR	South Korea	1.64321937
GWP_100_AR5_CH4	Buildings	KWT	Kuwait	0.01110455
GWP_100_AR5_CH4	Buildings	LAO	Laos	0.15383221
GWP_100_AR5_CH4	Buildings	LBN	Lebanon	0.03482785
GWP_100_AR5_CH4	Buildings	LBR	Liberia	0.17057582
GWP_100_AR5_CH4	Buildings	LBY	Libya	0.03525188
GWP_100_AR5_CH4	Buildings	LCA	Saint Lucia	0.0004111
GWP_100_AR5_CH4	Buildings	LKA	Sri Lanka	0.82057248
GWP_100_AR5_CH4	Buildings	LSO	Lesotho	0.2256092
GWP_100_AR5_CH4	Buildings	LTU	Lithuania	0.33582511
GWP_100_AR5_CH4	Buildings	LUX	Luxembourg	0.0218924
GWP_100_AR5_CH4	Buildings	LVA	Latvia	0.48616515
GWP_100_AR5_CH4	Buildings	MAC	Macao	0.00200642
GWP_100_AR5_CH4	Buildings	MAR	Morocco	0.22874477
GWP_100_AR5_CH4	Buildings	MDA	Moldova	0.31478599
GWP_100_AR5_CH4	Buildings	MDG	Madagascar	0.34466556
GWP_100_AR5_CH4	Buildings	MDV	Maldives	0.00031134
GWP_100_AR5_CH4	Buildings	MEX	Mexico	1.70737353
GWP_100_AR5_CH4	Buildings	MKD	North Macedonia	0.02114171
GWP_100_AR5_CH4	Buildings	MLI	Mali	0.30369351
GWP_100_AR5_CH4	Buildings	MLT	Malta	0.00036932
GWP_100_AR5_CH4	Buildings	MMR	Myanmar/Burma	2.00462882



GWP_100_AR5_CH4	Buildings	MNG	Mongolia	0.04618852
GWP_100_AR5_CH4	Buildings	MOZ	Mozambique	1.40679293
GWP_100_AR5_CH4	Buildings	MRT	Mauritania	0.08590918
GWP_100_AR5_CH4	Buildings	MTQ	Martinique	0.00072614
GWP_100_AR5_CH4	Buildings	MUS	Mauritius	0.00797133
GWP_100_AR5_CH4	Buildings	MWI	Malawi	0.38141522
GWP_100_AR5_CH4	Buildings	MYS	Malaysia	0.23419963
GWP_100_AR5_CH4	Buildings	NAM	Namibia	0.04688145
GWP_100_AR5_CH4	Buildings	NCL	New Caledonia	0.00220079
GWP_100_AR5_CH4	Buildings	NER	Niger	0.22821893
GWP_100_AR5_CH4	Buildings	NGA	Nigeria	10.4191074
GWP_100_AR5_CH4	Buildings	NIC	Nicaragua	0.18192434
GWP_100_AR5_CH4	Buildings	NLD	Netherlands	0.43098409
GWP_100_AR5_CH4	Buildings	NOR	Norway	0.08080657
GWP_100_AR5_CH4	Buildings	NPL	Nepal	1.41282739
GWP_100_AR5_CH4	Buildings	NZL	New Zealand	0.07112246
GWP_100_AR5_CH4	Buildings	OMN	Oman	0.00081955
GWP_100_AR5_CH4	Buildings	PAK	Pakistan	3.38736259
GWP_100_AR5_CH4	Buildings	PAN	Panama	0.09611871
GWP_100_AR5_CH4	Buildings	PER	Peru	0.99194566
GWP_100_AR5_CH4	Buildings	PHL	Philippines	2.00734725
GWP_100_AR5_CH4	Buildings	PLW	Palau	0.00235019
GWP_100_AR5_CH4	Buildings	PNG	Papua New Guinea	0.1270258
GWP_100_AR5_CH4	Buildings	POL	Poland	3.83579072
GWP_100_AR5_CH4	Buildings	PRI	Puerto Rico	0.00628482
GWP_100_AR5_CH4	Buildings	PRK	North Korea	1.21353346
GWP_100_AR5_CH4	Buildings	PRT	Portugal	0.15771587
GWP_100_AR5_CH4	Buildings	PRY	Paraguay	0.268652
GWP_100_AR5_CH4	Buildings	PYF	French Polynesia	0.00034903
GWP_100_AR5_CH4	Buildings	QAT	Qatar	0.00081458
GWP_100_AR5_CH4	Buildings	REU	Réunion	0.00484863
GWP_100_AR5_CH4	Buildings	ROU	Romania	0.76564986
GWP_100_AR5_CH4	Buildings	RUS	Russia	13.2192115
GWP_100_AR5_CH4	Buildings	RWA	Rwanda	0.73435438
GWP_100_AR5_CH4	Buildings	SAU	Saudi Arabia	0.00231379
GWP_100_AR5_CH4	Buildings	SCG	Serbia and Montenegro	0.43336665
GWP_100_AR5_CH4	Buildings	SDN	Sudan and South Sudan	0.72998725
GWP_100_AR5_CH4	Buildings	SEN	Senegal	0.15587548
GWP_100_AR5_CH4	Buildings	SGP	Singapore	0.00471398
GWP_100_AR5_CH4	Buildings	SHN	Saint Helena, Ascension and Tristan da Cunha	3.6762E-07
GWP_100_AR5_CH4	Buildings	SLB	Solomon Islands	0.00235212
GWP_100_AR5_CH4	Buildings	SLE	Sierra Leone	0.57717801
GWP_100_AR5_CH4	Buildings	SLV	El Salvador	0.38294398
GWP_100_AR5_CH4	Buildings	SOM	Somalia	0.38914179
GWP_100_AR5_CH4	Buildings	SPM	Saint Pierre and Miquelon	6.0076E-05
GWP_100_AR5_CH4	Buildings	STP	São Tomé and Príncipe	0.00573331
GWP_100_AR5_CH4	Buildings	SUR	Suriname	0.0036753
GWP_100_AR5_CH4	Buildings	SVK	Slovakia	0.41857355
GWP_100_AR5_CH4	Buildings	SVN	Slovenia	0.09857294
GWP_100_AR5_CH4	Buildings	SWE	Sweden	0.22369076
GWP_100_AR5_CH4	Buildings	SWZ	Eswatini	0.16403702

GWP_100_AR5_CH4	Buildings	SYC	Seychelles	0.00056158
GWP_100_AR5_CH4	Buildings	SYR	Syria	0.00391064
GWP_100_AR5_CH4	Buildings	TCA	Turks and Caicos Islands	1.301E-05
GWP_100_AR5_CH4	Buildings	TCD	Chad	0.35756872
GWP_100_AR5_CH4	Buildings	TGO	Togo	0.12171891
GWP_100_AR5_CH4	Buildings	THA	Thailand	0.96443644
GWP_100_AR5_CH4	Buildings	TJK	Tajikistan	0.24496584
GWP_100_AR5_CH4	Buildings	TKM	Turkmenistan	0.14418058
GWP_100_AR5_CH4	Buildings	TLS	Timor-Leste	0.00656731
GWP_100_AR5_CH4	Buildings	TON	Tonga	0.00011091
GWP_100_AR5_CH4	Buildings	TTO	Trinidad and Tobago	0.00589813
GWP_100_AR5_CH4	Buildings	TUN	Tunisia	0.11637787
GWP_100_AR5_CH4	Buildings	TUR	Türkiye	2.49294025
GWP_100_AR5_CH4	Buildings	TWN	Taiwan	0.07717725
GWP_100_AR5_CH4	Buildings	TZA	Tanzania	1.01314529
GWP_100_AR5_CH4	Buildings	UGA	Uganda	1.08692864
GWP_100_AR5_CH4	Buildings	UKR	Ukraine	3.05743771
GWP_100_AR5_CH4	Buildings	URY	Uruguay	0.11958865
GWP_100_AR5_CH4	Buildings	USA	United States	11.7028976
GWP_100_AR5_CH4	Buildings	UZB	Uzbekistan	0.5277388
GWP_100_AR5_CH4	Buildings	VCT	Saint Vincent and the Grenadines	0.00059602
GWP_100_AR5_CH4	Buildings	VEN	Venezuela	0.065952
GWP_100_AR5_CH4	Buildings	VGB	British Virgin Islands	3.1808E-05
GWP_100_AR5_CH4	Buildings	VNM	Viet Nam	2.43251582
GWP_100_AR5_CH4	Buildings	VUT	Vanuatu	0.00072079
GWP_100_AR5_CH4	Buildings	WSM	Samoa	0.00193061
GWP_100_AR5_CH4	Buildings	YEM	Yemen	0.0061826
GWP_100_AR5_CH4	Buildings	ZAF	South Africa	2.2660452
GWP_100_AR5_CH4	Buildings	ZMB	Zambia	0.49217842
GWP_100_AR5_CH4	Buildings	ZWE	Zimbabwe	1.08868188
GWP_100_AR5_CH4	Fuel Exploitation	ABW	Aruba	0.00013505
GWP_100_AR5_CH4	Fuel Exploitation	AFG	Afghanistan	0.27936851
GWP_100_AR5_CH4	Fuel Exploitation	AGO	Angola	4.26882418
GWP_100_AR5_CH4	Fuel Exploitation	ALB	Albania	0.9791442
GWP_100_AR5_CH4	Fuel Exploitation	ANT	Curaçao	0.32607565
GWP_100_AR5_CH4	Fuel Exploitation	ARE	United Arab Emirates	9.64289825
GWP_100_AR5_CH4	Fuel Exploitation	ARG	Argentina	8.42392176
GWP_100_AR5_CH4	Fuel Exploitation	ARM	Armenia	0.10708936
GWP_100_AR5_CH4	Fuel Exploitation	ATG	Antigua and Barbuda	3.7235E-05
GWP_100_AR5_CH4	Fuel Exploitation	AUS	Australia	20.7290779
GWP_100_AR5_CH4	Fuel Exploitation	AUT	Austria	1.37309233
GWP_100_AR5_CH4	Fuel Exploitation	AZE	Azerbaijan	0.99123988
GWP_100_AR5_CH4	Fuel Exploitation	BDI	Burundi	0.03710189
GWP_100_AR5_CH4	Fuel Exploitation	BEL	Belgium	6.38835525
GWP_100_AR5_CH4	Fuel Exploitation	BEN	Benin	0.32136737
GWP_100_AR5_CH4	Fuel Exploitation	BFA	Burkina Faso	0.0602308
GWP_100_AR5_CH4	Fuel Exploitation	BGD	Bangladesh	0.05305194
GWP_100_AR5_CH4	Fuel Exploitation	BGR	Bulgaria	2.72499397
GWP_100_AR5_CH4	Fuel Exploitation	BHR	Bahrain	15.2954627
GWP_100_AR5_CH4	Fuel Exploitation	BHS	Bahamas	0.00076856
GWP_100_AR5_CH4	Fuel Exploitation	BIH	Bosnia and Herzegovina	1.54054846

GWP_100_AR5_CH4	Fuel Exploitation	BLR	Belarus	1.37805777
GWP_100_AR5_CH4	Fuel Exploitation	BLZ	Belize	0.00056652
GWP_100_AR5_CH4	Fuel Exploitation	BMU	Bermuda	5.0534E-05
GWP_100_AR5_CH4	Fuel Exploitation	BOL	Bolivia	16.5967614
GWP_100_AR5_CH4	Fuel Exploitation	BRA	Brazil	11.5484022
GWP_100_AR5_CH4	Fuel Exploitation	BRB	Barbados	0.04322325
GWP_100_AR5_CH4	Fuel Exploitation	BRN	Brunei	0.58121581
GWP_100_AR5_CH4	Fuel Exploitation	BTN	Bhutan	0.00527182
GWP_100_AR5_CH4	Fuel Exploitation	BWA	Botswana	
GWP_100_AR5_CH4	Fuel Exploitation	CAF	Central African Republic	0.00434686
GWP_100_AR5_CH4	Fuel Exploitation	CAN	Canada	31.5969325
GWP_100_AR5_CH4	Fuel Exploitation	CHE	Switzerland and Liechtenst	0.0386545
GWP_100_AR5_CH4	Fuel Exploitation	CHL	Chile	7.56054713
GWP_100_AR5_CH4	Fuel Exploitation	CHN	China	124.290109
GWP_100_AR5_CH4	Fuel Exploitation	CIV	Côte d'Ivoire	0.94680184
GWP_100_AR5_CH4	Fuel Exploitation	CMR	Cameroon	0.16431603
GWP_100_AR5_CH4	Fuel Exploitation	COD	Democratic Republic of the	0.46894965
GWP_100_AR5_CH4	Fuel Exploitation	COG	Congo	0.19518182
GWP_100_AR5_CH4	Fuel Exploitation	COK	Cook Islands	3.1297E-08
GWP_100_AR5_CH4	Fuel Exploitation	COL	Colombia	3.60798079
GWP_100_AR5_CH4	Fuel Exploitation	COM	Comoros	0.00266341
GWP_100_AR5_CH4	Fuel Exploitation	CPV	Cabo Verde	0.00285875
GWP_100_AR5_CH4	Fuel Exploitation	CRI	Costa Rica	0.01711999
GWP_100_AR5_CH4	Fuel Exploitation	CUB	Cuba	0.34119417
GWP_100_AR5_CH4	Fuel Exploitation	CYM	Cayman Islands	9.3088E-06
GWP_100_AR5_CH4	Fuel Exploitation	CYP	Cyprus	0.00341859
GWP_100_AR5_CH4	Fuel Exploitation	CZE	Czechia	7.02604523
GWP_100_AR5_CH4	Fuel Exploitation	DEU	Germany	62.1389135
GWP_100_AR5_CH4	Fuel Exploitation	DJI	Djibouti	0.00143365
GWP_100_AR5_CH4	Fuel Exploitation	DMA	Dominica	0.00027286
GWP_100_AR5_CH4	Fuel Exploitation	DNK	Denmark	0.0349114
GWP_100_AR5_CH4	Fuel Exploitation	DOM	Dominican Republic	0.50940139
GWP_100_AR5_CH4	Fuel Exploitation	DZA	Algeria	30.2191665
GWP_100_AR5_CH4	Fuel Exploitation	ECU	Ecuador	0.07889392
GWP_100_AR5_CH4	Fuel Exploitation	EGY	Egypt	9.12990507
GWP_100_AR5_CH4	Fuel Exploitation	ERI	Eritrea	0.18502304
GWP_100_AR5_CH4	Fuel Exploitation	ESP	Spain and Andorra	3.80143965
GWP_100_AR5_CH4	Fuel Exploitation	EST	Estonia	0.0039485
GWP_100_AR5_CH4	Fuel Exploitation	ETH	Ethiopia	1.16562018
GWP_100_AR5_CH4	Fuel Exploitation	FIN	Finland	0.01195595
GWP_100_AR5_CH4	Fuel Exploitation	FJI	Fiji	0.00210684
GWP_100_AR5_CH4	Fuel Exploitation	FLK	Falkland Islands	8.588E-05
GWP_100_AR5_CH4	Fuel Exploitation	FRA	France and Monaco	28.2537679
GWP_100_AR5_CH4	Fuel Exploitation	GAB	Gabon	5.90414218
GWP_100_AR5_CH4	Fuel Exploitation	GBR	United Kingdom	58.4709353
GWP_100_AR5_CH4	Fuel Exploitation	GEO	Georgia	0.09133904
GWP_100_AR5_CH4	Fuel Exploitation	GHA	Ghana	0.5609712
GWP_100_AR5_CH4	Fuel Exploitation	GIN	Guinea	0.0342611
GWP_100_AR5_CH4	Fuel Exploitation	GLP	Guadeloupe	0.00173801
GWP_100_AR5_CH4	Fuel Exploitation	GMB	The Gambia	0.00465887
GWP_100_AR5_CH4	Fuel Exploitation	GNB	Guinea-Bissau	0.00620891

GWP_100_AR5_CH4	Fuel Exploitation	GNQ	Equatorial Guinea	0.01025623
GWP_100_AR5_CH4	Fuel Exploitation	GRC	Greece	1.3046275
GWP_100_AR5_CH4	Fuel Exploitation	GRD	Grenada	3.9895E-06
GWP_100_AR5_CH4	Fuel Exploitation	GTM	Guatemala	0.22539526
GWP_100_AR5_CH4	Fuel Exploitation	GUF	French Guiana	0.00131396
GWP_100_AR5_CH4	Fuel Exploitation	GUY	Guyana	0.00341859
GWP_100_AR5_CH4	Fuel Exploitation	HKG	Hong Kong	0.00220981
GWP_100_AR5_CH4	Fuel Exploitation	HND	Honduras	0.02172809
GWP_100_AR5_CH4	Fuel Exploitation	HRV	Croatia	0.4122949
GWP_100_AR5_CH4	Fuel Exploitation	HTI	Haiti	1.57607038
GWP_100_AR5_CH4	Fuel Exploitation	HUN	Hungary	1.98765702
GWP_100_AR5_CH4	Fuel Exploitation	IDN	Indonesia	26.1321365
GWP_100_AR5_CH4	Fuel Exploitation	IND	India	31.3770569
GWP_100_AR5_CH4	Fuel Exploitation	IRL	Ireland	0.17119078
GWP_100_AR5_CH4	Fuel Exploitation	IRN	Iran	110.597194
GWP_100_AR5_CH4	Fuel Exploitation	IRQ	Iraq	69.5708422
GWP_100_AR5_CH4	Fuel Exploitation	ISL	Iceland	
GWP_100_AR5_CH4	Fuel Exploitation	ISR	Israel and Palestine, State	54.2508503
GWP_100_AR5_CH4	Fuel Exploitation	ITA	Italy, San Marino and the H	1.89817125
GWP_100_AR5_CH4	Fuel Exploitation	JAM	Jamaica	0.09570668
GWP_100_AR5_CH4	Fuel Exploitation	JOR	Jordan	0.00468015
GWP_100_AR5_CH4	Fuel Exploitation	JPN	Japan	31.211065
GWP_100_AR5_CH4	Fuel Exploitation	KAZ	Kazakhstan	37.110524
GWP_100_AR5_CH4	Fuel Exploitation	KEN	Kenya	2.15369538
GWP_100_AR5_CH4	Fuel Exploitation	KGZ	Kyrgyzstan	0.37975384
GWP_100_AR5_CH4	Fuel Exploitation	KHM	Cambodia	0.02045462
GWP_100_AR5_CH4	Fuel Exploitation	KIR	Kiribati	0.00017343
GWP_100_AR5_CH4	Fuel Exploitation	KNA	Saint Kitts and Nevis	5.3193E-06
GWP_100_AR5_CH4	Fuel Exploitation	KOR	South Korea	6.60766006
GWP_100_AR5_CH4	Fuel Exploitation	KWT	Kuwait	39.4566339
GWP_100_AR5_CH4	Fuel Exploitation	LAO	Laos	0.01200532
GWP_100_AR5_CH4	Fuel Exploitation	LBN	Lebanon	0.01664466
GWP_100_AR5_CH4	Fuel Exploitation	LBR	Liberia	0.011909
GWP_100_AR5_CH4	Fuel Exploitation	LBY	Libya	95.5346244
GWP_100_AR5_CH4	Fuel Exploitation	LCA	Saint Lucia	0.00035717
GWP_100_AR5_CH4	Fuel Exploitation	LKA	Sri Lanka	0.0123879
GWP_100_AR5_CH4	Fuel Exploitation	LSO	Lesotho	0.01312593
GWP_100_AR5_CH4	Fuel Exploitation	LTU	Lithuania	0.05608824
GWP_100_AR5_CH4	Fuel Exploitation	LUX	Luxembourg	0.00145437
GWP_100_AR5_CH4	Fuel Exploitation	LVA	Latvia	0.01248487
GWP_100_AR5_CH4	Fuel Exploitation	MAC	Macao	0.00484306
GWP_100_AR5_CH4	Fuel Exploitation	MAR	Morocco	0.30958667
GWP_100_AR5_CH4	Fuel Exploitation	MDA	Moldova	0.00500242
GWP_100_AR5_CH4	Fuel Exploitation	MDG	Madagascar	0.00414788
GWP_100_AR5_CH4	Fuel Exploitation	MDV	Maldives	0.00054676
GWP_100_AR5_CH4	Fuel Exploitation	MEX	Mexico	3.47494743
GWP_100_AR5_CH4	Fuel Exploitation	MKD	North Macedonia	0.20041128
GWP_100_AR5_CH4	Fuel Exploitation	MLI	Mali	0.01136058
GWP_100_AR5_CH4	Fuel Exploitation	MLT	Malta	
GWP_100_AR5_CH4	Fuel Exploitation	MMR	Myanmar/Burma	1.45923287
GWP_100_AR5_CH4	Fuel Exploitation	MNG	Mongolia	0.20265497

GWP_100_AR5_CH4	Fuel Exploitation	MOZ	Mozambique	1.26951705
GWP_100_AR5_CH4	Fuel Exploitation	MRT	Mauritania	0.01056702
GWP_100_AR5_CH4	Fuel Exploitation	MTQ	Martinique	0.00189671
GWP_100_AR5_CH4	Fuel Exploitation	MUS	Mauritius	0.0102564
GWP_100_AR5_CH4	Fuel Exploitation	MWI	Malawi	0.06268184
GWP_100_AR5_CH4	Fuel Exploitation	MYS	Malaysia	1.71002347
GWP_100_AR5_CH4	Fuel Exploitation	NAM	Namibia	0.00501152
GWP_100_AR5_CH4	Fuel Exploitation	NCL	New Caledonia	0.00037179
GWP_100_AR5_CH4	Fuel Exploitation	NER	Niger	
GWP_100_AR5_CH4	Fuel Exploitation	NGA	Nigeria	114.464003
GWP_100_AR5_CH4	Fuel Exploitation	NIC	Nicaragua	0.06534954
GWP_100_AR5_CH4	Fuel Exploitation	NLD	Netherlands	2.41495715
GWP_100_AR5_CH4	Fuel Exploitation	NOR	Norway	0.66726843
GWP_100_AR5_CH4	Fuel Exploitation	NPL	Nepal	0.01184105
GWP_100_AR5_CH4	Fuel Exploitation	NZL	New Zealand	0.42536384
GWP_100_AR5_CH4	Fuel Exploitation	OMN	Oman	7.17639189
GWP_100_AR5_CH4	Fuel Exploitation	PAK	Pakistan	2.20237689
GWP_100_AR5_CH4	Fuel Exploitation	PAN	Panama	0.03621493
GWP_100_AR5_CH4	Fuel Exploitation	PER	Peru	2.09219441
GWP_100_AR5_CH4	Fuel Exploitation	PHL	Philippines	2.92616778
GWP_100_AR5_CH4	Fuel Exploitation	PLW	Palau	0.12813655
GWP_100_AR5_CH4	Fuel Exploitation	PNG	Papua New Guinea	0.00406171
GWP_100_AR5_CH4	Fuel Exploitation	POL	Poland	93.9518344
GWP_100_AR5_CH4	Fuel Exploitation	PRI	Puerto Rico	0.00912564
GWP_100_AR5_CH4	Fuel Exploitation	PRK	North Korea	8.69564818
GWP_100_AR5_CH4	Fuel Exploitation	PRT	Portugal	0.17166868
GWP_100_AR5_CH4	Fuel Exploitation	PRY	Paraguay	0.19704964
GWP_100_AR5_CH4	Fuel Exploitation	PYF	French Polynesia	2.3473E-07
GWP_100_AR5_CH4	Fuel Exploitation	QAT	Qatar	8.66495943
GWP_100_AR5_CH4	Fuel Exploitation	REU	Réunion	0.00566166
GWP_100_AR5_CH4	Fuel Exploitation	ROU	Romania	11.9031292
GWP_100_AR5_CH4	Fuel Exploitation	RUS	Russia	101.892707
GWP_100_AR5_CH4	Fuel Exploitation	RWA	Rwanda	1.73802024
GWP_100_AR5_CH4	Fuel Exploitation	SAU	Saudi Arabia	29.5080752
GWP_100_AR5_CH4	Fuel Exploitation	SCG	Serbia and Montenegro	1.30077561
GWP_100_AR5_CH4	Fuel Exploitation	SDN	Sudan and South Sudan	4.30724164
GWP_100_AR5_CH4	Fuel Exploitation	SEA	International Shipping	8.11802612
GWP_100_AR5_CH4	Fuel Exploitation	SEN	Senegal	0.92761805
GWP_100_AR5_CH4	Fuel Exploitation	SGP	Singapore	0.15346582
GWP_100_AR5_CH4	Fuel Exploitation	SHN	Saint Helena, Ascension and Tristan da (	
GWP_100_AR5_CH4	Fuel Exploitation	SLB	Solomon Islands	0.00057028
GWP_100_AR5_CH4	Fuel Exploitation	SLE	Sierra Leone	0.03340814
GWP_100_AR5_CH4	Fuel Exploitation	SLV	El Salvador	0.01758128
GWP_100_AR5_CH4	Fuel Exploitation	SOM	Somalia	0.07232327
GWP_100_AR5_CH4	Fuel Exploitation	SPM	Saint Pierre and Miquelon	1.3298E-05
GWP_100_AR5_CH4	Fuel Exploitation	STP	São Tomé and Príncipe	0.00081774
GWP_100_AR5_CH4	Fuel Exploitation	SUR	Suriname	0.05306964
GWP_100_AR5_CH4	Fuel Exploitation	SVK	Slovakia	3.647403
GWP_100_AR5_CH4	Fuel Exploitation	SVN	Slovenia	0.67192962
GWP_100_AR5_CH4	Fuel Exploitation	SWE	Sweden	0.0627928
GWP_100_AR5_CH4	Fuel Exploitation	SWZ	Eswatini	0.03418821

GWP_100_AR5_CH4	Fuel Exploitation	SYC	Seychelles	4.1166E-06
GWP_100_AR5_CH4	Fuel Exploitation	SYR	Syria	5.16075586
GWP_100_AR5_CH4	Fuel Exploitation	TCA	Turks and Caicos Islands	2.4204E-05
GWP_100_AR5_CH4	Fuel Exploitation	TCD	Chad	0.04113993
GWP_100_AR5_CH4	Fuel Exploitation	TGO	Togo	0.4170936
GWP_100_AR5_CH4	Fuel Exploitation	THA	Thailand	7.93722844
GWP_100_AR5_CH4	Fuel Exploitation	TJK	Tajikistan	0.15351254
GWP_100_AR5_CH4	Fuel Exploitation	TKM	Turkmenistan	4.52572227
GWP_100_AR5_CH4	Fuel Exploitation	TLS	Timor-Leste	
GWP_100_AR5_CH4	Fuel Exploitation	TON	Tonga	0.00025778
GWP_100_AR5_CH4	Fuel Exploitation	TTO	Trinidad and Tobago	1.01399119
GWP_100_AR5_CH4	Fuel Exploitation	TUN	Tunisia	2.06888863
GWP_100_AR5_CH4	Fuel Exploitation	TUR	Türkiye	3.04921193
GWP_100_AR5_CH4	Fuel Exploitation	TWN	Taiwan	2.14159076
GWP_100_AR5_CH4	Fuel Exploitation	TZA	Tanzania	0.81838292
GWP_100_AR5_CH4	Fuel Exploitation	UGA	Uganda	1.1247852
GWP_100_AR5_CH4	Fuel Exploitation	UKR	Ukraine	32.5879074
GWP_100_AR5_CH4	Fuel Exploitation	URY	Uruguay	0.01382761
GWP_100_AR5_CH4	Fuel Exploitation	USA	United States	401.057873
GWP_100_AR5_CH4	Fuel Exploitation	UZB	Uzbekistan	3.05396832
GWP_100_AR5_CH4	Fuel Exploitation	VCT	Saint Vincent and the Grenadines	0.00025117
GWP_100_AR5_CH4	Fuel Exploitation	VEN	Venezuela	26.2111155
GWP_100_AR5_CH4	Fuel Exploitation	VGB	British Virgin Islands	1.72E-05
GWP_100_AR5_CH4	Fuel Exploitation	VNM	Viet Nam	1.99112199
GWP_100_AR5_CH4	Fuel Exploitation	VUT	Vanuatu	0.00024538
GWP_100_AR5_CH4	Fuel Exploitation	WSM	Samoa	0.00049422
GWP_100_AR5_CH4	Fuel Exploitation	YEM	Yemen	0.14501301
GWP_100_AR5_CH4	Fuel Exploitation	ZAF	South Africa	13.8967959
GWP_100_AR5_CH4	Fuel Exploitation	ZMB	Zambia	1.22079189
GWP_100_AR5_CH4	Fuel Exploitation	ZWE	Zimbabwe	1.03471101
GWP_100_AR5_CH4	Industrial Combustion	ABW	Aruba	5.2387E-05
GWP_100_AR5_CH4	Industrial Combustion	AFG	Afghanistan	0.00012077
GWP_100_AR5_CH4	Industrial Combustion	AGO	Angola	0.00227263
GWP_100_AR5_CH4	Industrial Combustion	AIA	Anguilla	1.2287E-07
GWP_100_AR5_CH4	Industrial Combustion	ALB	Albania	0.00139642
GWP_100_AR5_CH4	Industrial Combustion	ANT	Curaçao	0.00503481
GWP_100_AR5_CH4	Industrial Combustion	ARE	United Arab Emirates	0.00095211
GWP_100_AR5_CH4	Industrial Combustion	ARG	Argentina	0.05058353
GWP_100_AR5_CH4	Industrial Combustion	ARM	Armenia	0.00233093
GWP_100_AR5_CH4	Industrial Combustion	ATG	Antigua and Barbuda	8.9634E-07
GWP_100_AR5_CH4	Industrial Combustion	AUS	Australia	0.11292402
GWP_100_AR5_CH4	Industrial Combustion	AUT	Austria	0.01269128
GWP_100_AR5_CH4	Industrial Combustion	AZE	Azerbaijan	0.00537502
GWP_100_AR5_CH4	Industrial Combustion	BDI	Burundi	0.0009403
GWP_100_AR5_CH4	Industrial Combustion	BEL	Belgium	0.04806203
GWP_100_AR5_CH4	Industrial Combustion	BEN	Benin	2.5782E-05
GWP_100_AR5_CH4	Industrial Combustion	BFA	Burkina Faso	0.00173595
GWP_100_AR5_CH4	Industrial Combustion	BGD	Bangladesh	0.00426691
GWP_100_AR5_CH4	Industrial Combustion	BGR	Bulgaria	0.01224993
GWP_100_AR5_CH4	Industrial Combustion	BHR	Bahrain	0.00021095
GWP_100_AR5_CH4	Industrial Combustion	BHS	Bahamas	0.0010201

GWP_100_AR5_CH4	Industrial Combustion	BIH	Bosnia and Herzegovina	0.00362017
GWP_100_AR5_CH4	Industrial Combustion	BLR	Belarus	0.00846525
GWP_100_AR5_CH4	Industrial Combustion	BLZ	Belize	0.00259099
GWP_100_AR5_CH4	Industrial Combustion	BMU	Bermuda	1.2165E-06
GWP_100_AR5_CH4	Industrial Combustion	BOL	Bolivia	0.00267023
GWP_100_AR5_CH4	Industrial Combustion	BRA	Brazil	0.59795281
GWP_100_AR5_CH4	Industrial Combustion	BRB	Barbados	0.00040103
GWP_100_AR5_CH4	Industrial Combustion	BRN	Brunei	7.6381E-05
GWP_100_AR5_CH4	Industrial Combustion	BTN	Bhutan	7.7234E-07
GWP_100_AR5_CH4	Industrial Combustion	BWA	Botswana	2.3503E-05
GWP_100_AR5_CH4	Industrial Combustion	CAF	Central African Republic	0.00046618
GWP_100_AR5_CH4	Industrial Combustion	CAN	Canada	0.28081684
GWP_100_AR5_CH4	Industrial Combustion	CHE	Switzerland and Liechtenst	0.01138189
GWP_100_AR5_CH4	Industrial Combustion	CHL	Chile	0.01662798
GWP_100_AR5_CH4	Industrial Combustion	CHN	China	1.02134146
GWP_100_AR5_CH4	Industrial Combustion	CIV	Côte d'Ivoire	0.00077274
GWP_100_AR5_CH4	Industrial Combustion	CMR	Cameroon	0.00052861
GWP_100_AR5_CH4	Industrial Combustion	COD	Democratic Republic of the	0.04211556
GWP_100_AR5_CH4	Industrial Combustion	COG	Congo	0.00015533
GWP_100_AR5_CH4	Industrial Combustion	COK	Cook Islands	4.6388E-07
GWP_100_AR5_CH4	Industrial Combustion	COL	Colombia	0.03210317
GWP_100_AR5_CH4	Industrial Combustion	COM	Comoros	2.4845E-05
GWP_100_AR5_CH4	Industrial Combustion	CPV	Cabo Verde	9.1632E-05
GWP_100_AR5_CH4	Industrial Combustion	CRI	Costa Rica	0.00571877
GWP_100_AR5_CH4	Industrial Combustion	CUB	Cuba	0.106627
GWP_100_AR5_CH4	Industrial Combustion	CYM	Cayman Islands	2.2408E-07
GWP_100_AR5_CH4	Industrial Combustion	CYP	Cyprus	0.00043026
GWP_100_AR5_CH4	Industrial Combustion	CZE	Czechia	0.08650661
GWP_100_AR5_CH4	Industrial Combustion	DEU	Germany	0.31988277
GWP_100_AR5_CH4	Industrial Combustion	DJI	Djibouti	0.00035551
GWP_100_AR5_CH4	Industrial Combustion	DMA	Dominica	0.00040985
GWP_100_AR5_CH4	Industrial Combustion	DNK	Denmark	0.0135736
GWP_100_AR5_CH4	Industrial Combustion	DOM	Dominican Republic	0.01957009
GWP_100_AR5_CH4	Industrial Combustion	DZA	Algeria	0.00099092
GWP_100_AR5_CH4	Industrial Combustion	ECU	Ecuador	0.00564645
GWP_100_AR5_CH4	Industrial Combustion	EGY	Egypt	0.01031771
GWP_100_AR5_CH4	Industrial Combustion	ERI	Eritrea	3.4853E-05
GWP_100_AR5_CH4	Industrial Combustion	ESH	Western Sahara	3.7539E-05
GWP_100_AR5_CH4	Industrial Combustion	ESP	Spain and Andorra	0.06582516
GWP_100_AR5_CH4	Industrial Combustion	EST	Estonia	0.00402569
GWP_100_AR5_CH4	Industrial Combustion	ETH	Ethiopia	0.00026726
GWP_100_AR5_CH4	Industrial Combustion	FIN	Finland	0.02013593
GWP_100_AR5_CH4	Industrial Combustion	FJI	Fiji	0.00098412
GWP_100_AR5_CH4	Industrial Combustion	FLK	Falkland Islands	2.4437E-05
GWP_100_AR5_CH4	Industrial Combustion	FRA	France and Monaco	0.2224208
GWP_100_AR5_CH4	Industrial Combustion	GAB	Gabon	0.00547583
GWP_100_AR5_CH4	Industrial Combustion	GBR	United Kingdom	0.26317617
GWP_100_AR5_CH4	Industrial Combustion	GEO	Georgia	0.00973721
GWP_100_AR5_CH4	Industrial Combustion	GHA	Ghana	0.00557288
GWP_100_AR5_CH4	Industrial Combustion	GIN	Guinea	0.00219981
GWP_100_AR5_CH4	Industrial Combustion	GLP	Guadeloupe	0.00063592

GWP_100_AR5_CH4	Industrial Combustion	GMB	The Gambia	9.7426E-05
GWP_100_AR5_CH4	Industrial Combustion	GNB	Guinea-Bissau	0.00023061
GWP_100_AR5_CH4	Industrial Combustion	GNQ	Equatorial Guinea	
GWP_100_AR5_CH4	Industrial Combustion	GRC	Greece	0.01027404
GWP_100_AR5_CH4	Industrial Combustion	GRD	Grenada	1.2468E-06
GWP_100_AR5_CH4	Industrial Combustion	GRL	Greenland	
GWP_100_AR5_CH4	Industrial Combustion	GTM	Guatemala	0.00580645
GWP_100_AR5_CH4	Industrial Combustion	GUF	French Guiana	0.00061072
GWP_100_AR5_CH4	Industrial Combustion	GUY	Guyana	0.00792572
GWP_100_AR5_CH4	Industrial Combustion	HKG	Hong Kong	0.00285135
GWP_100_AR5_CH4	Industrial Combustion	HND	Honduras	0.00528598
GWP_100_AR5_CH4	Industrial Combustion	HRV	Croatia	0.00354148
GWP_100_AR5_CH4	Industrial Combustion	HTI	Haiti	0.00494427
GWP_100_AR5_CH4	Industrial Combustion	HUN	Hungary	0.01067805
GWP_100_AR5_CH4	Industrial Combustion	IDN	Indonesia	0.01170501
GWP_100_AR5_CH4	Industrial Combustion	IND	India	0.6606065
GWP_100_AR5_CH4	Industrial Combustion	IRL	Ireland	0.00568086
GWP_100_AR5_CH4	Industrial Combustion	IRN	Iran	0.00838521
GWP_100_AR5_CH4	Industrial Combustion	IRQ	Iraq	0.00110362
GWP_100_AR5_CH4	Industrial Combustion	ISL	Iceland	0.00022334
GWP_100_AR5_CH4	Industrial Combustion	ISR	Israel and Palestine, State of	0.00263677
GWP_100_AR5_CH4	Industrial Combustion	ITA	Italy, San Marino and the Holy See	0.09982801
GWP_100_AR5_CH4	Industrial Combustion	JAM	Jamaica	0.01229469
GWP_100_AR5_CH4	Industrial Combustion	JOR	Jordan	0.00016652
GWP_100_AR5_CH4	Industrial Combustion	JPN	Japan	0.26994302
GWP_100_AR5_CH4	Industrial Combustion	KAZ	Kazakhstan	0.19362186
GWP_100_AR5_CH4	Industrial Combustion	KEN	Kenya	0.00320154
GWP_100_AR5_CH4	Industrial Combustion	KGZ	Kyrgyzstan	0.01605645
GWP_100_AR5_CH4	Industrial Combustion	KHM	Cambodia	4.4069E-06
GWP_100_AR5_CH4	Industrial Combustion	KIR	Kiribati	4.6388E-07
GWP_100_AR5_CH4	Industrial Combustion	KNA	Saint Kitts and Nevis	6.3038E-05
GWP_100_AR5_CH4	Industrial Combustion	KOR	South Korea	0.01994644
GWP_100_AR5_CH4	Industrial Combustion	KWT	Kuwait	0.00151754
GWP_100_AR5_CH4	Industrial Combustion	LAO	Laos	6.9582E-06
GWP_100_AR5_CH4	Industrial Combustion	LBN	Lebanon	0.00159789
GWP_100_AR5_CH4	Industrial Combustion	LBR	Liberia	0.00080564
GWP_100_AR5_CH4	Industrial Combustion	LBY	Libya	0.00032243
GWP_100_AR5_CH4	Industrial Combustion	LCA	Saint Lucia	0.0002819
GWP_100_AR5_CH4	Industrial Combustion	LKA	Sri Lanka	0.01502826
GWP_100_AR5_CH4	Industrial Combustion	LSO	Lesotho	0.00039275
GWP_100_AR5_CH4	Industrial Combustion	LTU	Lithuania	0.00571695
GWP_100_AR5_CH4	Industrial Combustion	LUX	Luxembourg	0.00424485
GWP_100_AR5_CH4	Industrial Combustion	LVA	Latvia	0.00236526
GWP_100_AR5_CH4	Industrial Combustion	MAC	Macao	7.4221E-06
GWP_100_AR5_CH4	Industrial Combustion	MAR	Morocco	0.00274519
GWP_100_AR5_CH4	Industrial Combustion	MDA	Moldova	0.00260185
GWP_100_AR5_CH4	Industrial Combustion	MDG	Madagascar	0.00242481
GWP_100_AR5_CH4	Industrial Combustion	MDV	Maldives	2.3194E-07
GWP_100_AR5_CH4	Industrial Combustion	MEX	Mexico	0.07284406
GWP_100_AR5_CH4	Industrial Combustion	MKD	North Macedonia	0.00105138
GWP_100_AR5_CH4	Industrial Combustion	MLI	Mali	0.00073953



GWP_100_AR5_CH4	Industrial Combustion	MLT	Malta	
GWP_100_AR5_CH4	Industrial Combustion	MMR	Myanmar/Burma	0.00277622
GWP_100_AR5_CH4	Industrial Combustion	MNG	Mongolia	0.00518623
GWP_100_AR5_CH4	Industrial Combustion	MOZ	Mozambique	0.02772387
GWP_100_AR5_CH4	Industrial Combustion	MRT	Mauritania	0.00034245
GWP_100_AR5_CH4	Industrial Combustion	MTQ	Martinique	0.00039779
GWP_100_AR5_CH4	Industrial Combustion	MUS	Mauritius	0.00969037
GWP_100_AR5_CH4	Industrial Combustion	MWI	Malawi	0.00164807
GWP_100_AR5_CH4	Industrial Combustion	MYS	Malaysia	0.04649446
GWP_100_AR5_CH4	Industrial Combustion	NAM	Namibia	0.00044146
GWP_100_AR5_CH4	Industrial Combustion	NCL	New Caledonia	0.00015293
GWP_100_AR5_CH4	Industrial Combustion	NER	Niger	1.7144E-05
GWP_100_AR5_CH4	Industrial Combustion	NGA	Nigeria	0.01665355
GWP_100_AR5_CH4	Industrial Combustion	NIC	Nicaragua	0.00588135
GWP_100_AR5_CH4	Industrial Combustion	NLD	Netherlands	0.0236284
GWP_100_AR5_CH4	Industrial Combustion	NOR	Norway	0.01294016
GWP_100_AR5_CH4	Industrial Combustion	NPL	Nepal	0.0005672
GWP_100_AR5_CH4	Industrial Combustion	NZL	New Zealand	0.00894383
GWP_100_AR5_CH4	Industrial Combustion	OMN	Oman	2.2075E-05
GWP_100_AR5_CH4	Industrial Combustion	PAK	Pakistan	0.05202571
GWP_100_AR5_CH4	Industrial Combustion	PAN	Panama	0.00225692
GWP_100_AR5_CH4	Industrial Combustion	PER	Peru	0.01711458
GWP_100_AR5_CH4	Industrial Combustion	PHL	Philippines	0.01055532
GWP_100_AR5_CH4	Industrial Combustion	PLW	Palau	0.00019095
GWP_100_AR5_CH4	Industrial Combustion	PNG	Papua New Guinea	9.8415E-05
GWP_100_AR5_CH4	Industrial Combustion	POL	Poland	0.09798831
GWP_100_AR5_CH4	Industrial Combustion	PRI	Puerto Rico	0.00443037
GWP_100_AR5_CH4	Industrial Combustion	PRK	North Korea	0.10130983
GWP_100_AR5_CH4	Industrial Combustion	PRT	Portugal	0.03165793
GWP_100_AR5_CH4	Industrial Combustion	PRY	Paraguay	0.01919543
GWP_100_AR5_CH4	Industrial Combustion	PYF	French Polynesia	3.4791E-06
GWP_100_AR5_CH4	Industrial Combustion	QAT	Qatar	0.00040748
GWP_100_AR5_CH4	Industrial Combustion	REU	Réunion	0.00063944
GWP_100_AR5_CH4	Industrial Combustion	ROU	Romania	0.0231698
GWP_100_AR5_CH4	Industrial Combustion	RUS	Russia	0.19559939
GWP_100_AR5_CH4	Industrial Combustion	RWA	Rwanda	2.9311E-05
GWP_100_AR5_CH4	Industrial Combustion	SAU	Saudi Arabia	0.00213414
GWP_100_AR5_CH4	Industrial Combustion	SCG	Serbia and Montenegro	0.00688938
GWP_100_AR5_CH4	Industrial Combustion	SDN	Sudan and South Sudan	0.02436016
GWP_100_AR5_CH4	Industrial Combustion	SEN	Senegal	0.00037072
GWP_100_AR5_CH4	Industrial Combustion	SGP	Singapore	0.00049236
GWP_100_AR5_CH4	Industrial Combustion	SHN	Saint Helena, Ascension and Tristan da Cunha	1.2767E-06
GWP_100_AR5_CH4	Industrial Combustion	SLB	Solomon Islands	1.6236E-06
GWP_100_AR5_CH4	Industrial Combustion	SLE	Sierra Leone	0.0013911
GWP_100_AR5_CH4	Industrial Combustion	SLV	El Salvador	0.00509095
GWP_100_AR5_CH4	Industrial Combustion	SOM	Somalia	0.00116345
GWP_100_AR5_CH4	Industrial Combustion	SPM	Saint Pierre and Miquelon	2.3135E-05
GWP_100_AR5_CH4	Industrial Combustion	STP	São Tomé and Príncipe	1.8762E-05
GWP_100_AR5_CH4	Industrial Combustion	SUR	Suriname	0.00212792
GWP_100_AR5_CH4	Industrial Combustion	SVK	Slovakia	0.0247175
GWP_100_AR5_CH4	Industrial Combustion	SVN	Slovenia	0.00210149

GWP_100_AR5_CH4	Industrial Combustion	SWE	Sweden	0.12577823
GWP_100_AR5_CH4	Industrial Combustion	SWZ	Eswatini	0.00144883
GWP_100_AR5_CH4	Industrial Combustion	SYC	Seychelles	5.277E-05
GWP_100_AR5_CH4	Industrial Combustion	SYR	Syria	0.00181322
GWP_100_AR5_CH4	Industrial Combustion	TCA	Turks and Caicos Islands	7.0249E-06
GWP_100_AR5_CH4	Industrial Combustion	TCD	Chad	0.00087495
GWP_100_AR5_CH4	Industrial Combustion	TGO	Togo	1.2275E-05
GWP_100_AR5_CH4	Industrial Combustion	THA	Thailand	0.05394259
GWP_100_AR5_CH4	Industrial Combustion	TJK	Tajikistan	
GWP_100_AR5_CH4	Industrial Combustion	TKM	Turkmenistan	0.00015727
GWP_100_AR5_CH4	Industrial Combustion	TLS	Timor-Leste	
GWP_100_AR5_CH4	Industrial Combustion	TON	Tonga	4.6388E-07
GWP_100_AR5_CH4	Industrial Combustion	TTO	Trinidad and Tobago	0.00015165
GWP_100_AR5_CH4	Industrial Combustion	TUN	Tunisia	0.00112187
GWP_100_AR5_CH4	Industrial Combustion	TUR	Türkiye	0.00620542
GWP_100_AR5_CH4	Industrial Combustion	TWN	Taiwan	0.02720232
GWP_100_AR5_CH4	Industrial Combustion	TZA	Tanzania	0.01499531
GWP_100_AR5_CH4	Industrial Combustion	UGA	Uganda	0.01372964
GWP_100_AR5_CH4	Industrial Combustion	UKR	Ukraine	0.17074743
GWP_100_AR5_CH4	Industrial Combustion	URY	Uruguay	0.0034374
GWP_100_AR5_CH4	Industrial Combustion	USA	United States	2.41104035
GWP_100_AR5_CH4	Industrial Combustion	UZB	Uzbekistan	0.00055537
GWP_100_AR5_CH4	Industrial Combustion	VCT	Saint Vincent and the Grenadines	0.00043783
GWP_100_AR5_CH4	Industrial Combustion	VEN	Venezuela	0.01826792
GWP_100_AR5_CH4	Industrial Combustion	VGB	British Virgin Islands	1.9152E-05
GWP_100_AR5_CH4	Industrial Combustion	VNM	Viet Nam	0.06684382
GWP_100_AR5_CH4	Industrial Combustion	VUT	Vanuatu	1.8555E-06
GWP_100_AR5_CH4	Industrial Combustion	WSM	Samoa	6.994E-06
GWP_100_AR5_CH4	Industrial Combustion	YEM	Yemen	
GWP_100_AR5_CH4	Industrial Combustion	ZAF	South Africa	0.12309084
GWP_100_AR5_CH4	Industrial Combustion	ZMB	Zambia	0.0205626
GWP_100_AR5_CH4	Industrial Combustion	ZWE	Zimbabwe	0.00970598
GWP_100_AR5_CH4	Power Industry	ABW	Aruba	1.2687E-05
GWP_100_AR5_CH4	Power Industry	AFG	Afghanistan	6.4968E-05
GWP_100_AR5_CH4	Power Industry	AGO	Angola	0.0001504
GWP_100_AR5_CH4	Power Industry	AIA	Anguilla	4.693E-07
GWP_100_AR5_CH4	Power Industry	ALB	Albania	0.0002009
GWP_100_AR5_CH4	Power Industry	ANT	Curaçao	0.00047516
GWP_100_AR5_CH4	Power Industry	ARE	United Arab Emirates	7.4794E-05
GWP_100_AR5_CH4	Power Industry	ARG	Argentina	0.01565208
GWP_100_AR5_CH4	Power Industry	ARM	Armenia	0.00092135
GWP_100_AR5_CH4	Power Industry	ATG	Antigua and Barbuda	5.6189E-05
GWP_100_AR5_CH4	Power Industry	AUS	Australia	0.01449834
GWP_100_AR5_CH4	Power Industry	AUT	Austria	0.00485797
GWP_100_AR5_CH4	Power Industry	AZE	Azerbaijan	0.00285538
GWP_100_AR5_CH4	Power Industry	BDI	Burundi	2.5621E-07
GWP_100_AR5_CH4	Power Industry	BEL	Belgium	0.01686976
GWP_100_AR5_CH4	Power Industry	BEN	Benin	
GWP_100_AR5_CH4	Power Industry	BFA	Burkina Faso	1.098E-06
GWP_100_AR5_CH4	Power Industry	BGD	Bangladesh	0.0005488
GWP_100_AR5_CH4	Power Industry	BGR	Bulgaria	0.0051961

GWP_100_AR5_CH4	Power Industry	BHR	Bahrain	0.00060752
GWP_100_AR5_CH4	Power Industry	BHS	Bahamas	0.00057502
GWP_100_AR5_CH4	Power Industry	BIH	Bosnia and Herzegovina	0.00076591
GWP_100_AR5_CH4	Power Industry	BLR	Belarus	0.00793495
GWP_100_AR5_CH4	Power Industry	BLZ	Belize	4.5321E-05
GWP_100_AR5_CH4	Power Industry	BMU	Bermuda	0.00010764
GWP_100_AR5_CH4	Power Industry	BOL	Bolivia	0.00037723
GWP_100_AR5_CH4	Power Industry	BRA	Brazil	0.00802215
GWP_100_AR5_CH4	Power Industry	BRB	Barbados	0.00018892
GWP_100_AR5_CH4	Power Industry	BRN	Brunei	0.00027936
GWP_100_AR5_CH4	Power Industry	BTN	Bhutan	5.2866E-06
GWP_100_AR5_CH4	Power Industry	BWA	Botswana	4.9619E-05
GWP_100_AR5_CH4	Power Industry	CAF	Central African Republic	3.6601E-07
GWP_100_AR5_CH4	Power Industry	CAN	Canada	0.02120512
GWP_100_AR5_CH4	Power Industry	CHE	Switzerland and Liechtenst	0.00029904
GWP_100_AR5_CH4	Power Industry	CHL	Chile	0.00375602
GWP_100_AR5_CH4	Power Industry	CHN	China	0.0340627
GWP_100_AR5_CH4	Power Industry	CIV	Côte d'Ivoire	0.00031601
GWP_100_AR5_CH4	Power Industry	CMR	Cameroon	3.6372E-05
GWP_100_AR5_CH4	Power Industry	COD	Democratic Republic of the	3.0391E-05
GWP_100_AR5_CH4	Power Industry	COG	Congo	4.5763E-05
GWP_100_AR5_CH4	Power Industry	COK	Cook Islands	1.8256E-06
GWP_100_AR5_CH4	Power Industry	COL	Colombia	0.00240773
GWP_100_AR5_CH4	Power Industry	COM	Comoros	1.098E-07
GWP_100_AR5_CH4	Power Industry	CPV	Cabo Verde	7.15E-07
GWP_100_AR5_CH4	Power Industry	CRI	Costa Rica	0.00020589
GWP_100_AR5_CH4	Power Industry	CUB	Cuba	0.01779568
GWP_100_AR5_CH4	Power Industry	CYM	Cayman Islands	1.9828E-05
GWP_100_AR5_CH4	Power Industry	CYP	Cyprus	0.00018547
GWP_100_AR5_CH4	Power Industry	CZE	Czechia	0.00964093
GWP_100_AR5_CH4	Power Industry	DEU	Germany	0.10904574
GWP_100_AR5_CH4	Power Industry	DJI	Djibouti	3.6601E-06
GWP_100_AR5_CH4	Power Industry	DMA	Dominica	5.6652E-06
GWP_100_AR5_CH4	Power Industry	DNK	Denmark	0.0143819
GWP_100_AR5_CH4	Power Industry	DOM	Dominican Republic	0.00243382
GWP_100_AR5_CH4	Power Industry	DZA	Algeria	0.00156133
GWP_100_AR5_CH4	Power Industry	ECU	Ecuador	0.00046048
GWP_100_AR5_CH4	Power Industry	EGY	Egypt	0.00074853
GWP_100_AR5_CH4	Power Industry	ERI	Eritrea	0.00012231
GWP_100_AR5_CH4	Power Industry	ESH	Western Sahara	1.8101E-07
GWP_100_AR5_CH4	Power Industry	ESP	Spain and Andorra	0.0061724
GWP_100_AR5_CH4	Power Industry	EST	Estonia	0.00956805
GWP_100_AR5_CH4	Power Industry	ETH	Ethiopia	0.0001325
GWP_100_AR5_CH4	Power Industry	FIN	Finland	0.00397969
GWP_100_AR5_CH4	Power Industry	FJI	Fiji	6.4832E-05
GWP_100_AR5_CH4	Power Industry	FLK	Falkland Islands	2.2661E-06
GWP_100_AR5_CH4	Power Industry	FRA	France and Monaco	0.04651003
GWP_100_AR5_CH4	Power Industry	GAB	Gabon	8.3743E-05
GWP_100_AR5_CH4	Power Industry	GBR	United Kingdom	0.05861626
GWP_100_AR5_CH4	Power Industry	GEO	Georgia	0.00360169
GWP_100_AR5_CH4	Power Industry	GHA	Ghana	4.0009E-05

GWP_100_AR5_CH4	Power Industry	GIB	Gibraltar	3.7615E-05
GWP_100_AR5_CH4	Power Industry	GIN	Guinea	2.0496E-06
GWP_100_AR5_CH4	Power Industry	GLP	Guadeloupe	9.9141E-05
GWP_100_AR5_CH4	Power Industry	GMB	The Gambia	4.0261E-07
GWP_100_AR5_CH4	Power Industry	GNB	Guinea-Bissau	2.196E-07
GWP_100_AR5_CH4	Power Industry	GNQ	Equatorial Guinea	1.0912E-05
GWP_100_AR5_CH4	Power Industry	GRC	Greece	0.00227188
GWP_100_AR5_CH4	Power Industry	GRD	Grenada	8.4978E-06
GWP_100_AR5_CH4	Power Industry	GRL	Greenland	
GWP_100_AR5_CH4	Power Industry	GTM	Guatemala	0.00072251
GWP_100_AR5_CH4	Power Industry	GUF	French Guiana	7.0815E-05
GWP_100_AR5_CH4	Power Industry	GUY	Guyana	0.0023639
GWP_100_AR5_CH4	Power Industry	HKG	Hong Kong	0.0012798
GWP_100_AR5_CH4	Power Industry	HND	Honduras	0.00015276
GWP_100_AR5_CH4	Power Industry	HRV	Croatia	0.00041964
GWP_100_AR5_CH4	Power Industry	HTI	Haiti	0.00013325
GWP_100_AR5_CH4	Power Industry	HUN	Hungary	0.00624283
GWP_100_AR5_CH4	Power Industry	IDN	Indonesia	0.00225444
GWP_100_AR5_CH4	Power Industry	IND	India	0.01218548
GWP_100_AR5_CH4	Power Industry	IRL	Ireland	0.00175891
GWP_100_AR5_CH4	Power Industry	IRN	Iran	0.00438052
GWP_100_AR5_CH4	Power Industry	IRQ	Iraq	0.0016486
GWP_100_AR5_CH4	Power Industry	ISL	Iceland	3.2206E-05
GWP_100_AR5_CH4	Power Industry	ISR	Israel and Palestine, State of	0.00192767
GWP_100_AR5_CH4	Power Industry	ITA	Italy, San Marino and the Holy See	0.02756885
GWP_100_AR5_CH4	Power Industry	JAM	Jamaica	0.00145526
GWP_100_AR5_CH4	Power Industry	JOR	Jordan	0.00024106
GWP_100_AR5_CH4	Power Industry	JPN	Japan	0.11936543
GWP_100_AR5_CH4	Power Industry	KAZ	Kazakhstan	0.01513385
GWP_100_AR5_CH4	Power Industry	KEN	Kenya	0.00128713
GWP_100_AR5_CH4	Power Industry	KGZ	Kyrgyzstan	0.00059255
GWP_100_AR5_CH4	Power Industry	KHM	Cambodia	3.475E-05
GWP_100_AR5_CH4	Power Industry	KIR	Kiribati	1.8275E-06
GWP_100_AR5_CH4	Power Industry	KNA	Saint Kitts and Nevis	1.133E-05
GWP_100_AR5_CH4	Power Industry	KOR	South Korea	0.00365513
GWP_100_AR5_CH4	Power Industry	KWT	Kuwait	0.00281663
GWP_100_AR5_CH4	Power Industry	LAO	Laos	3.598E-05
GWP_100_AR5_CH4	Power Industry	LBN	Lebanon	0.00015128
GWP_100_AR5_CH4	Power Industry	LBR	Liberia	4.7581E-06
GWP_100_AR5_CH4	Power Industry	LBY	Libya	0.00037667
GWP_100_AR5_CH4	Power Industry	LCA	Saint Lucia	2.2661E-05
GWP_100_AR5_CH4	Power Industry	LKA	Sri Lanka	2.622E-05
GWP_100_AR5_CH4	Power Industry	LSO	Lesotho	3.6601E-07
GWP_100_AR5_CH4	Power Industry	LTU	Lithuania	0.00193274
GWP_100_AR5_CH4	Power Industry	LUX	Luxembourg	0.00045788
GWP_100_AR5_CH4	Power Industry	LVA	Latvia	0.0020593
GWP_100_AR5_CH4	Power Industry	MAC	Macao	2.9271E-05
GWP_100_AR5_CH4	Power Industry	MAR	Morocco	0.00052223
GWP_100_AR5_CH4	Power Industry	MDA	Moldova	0.00196103
GWP_100_AR5_CH4	Power Industry	MDG	Madagascar	0.00022912
GWP_100_AR5_CH4	Power Industry	MDV	Maldives	9.2717E-07

GWP_100_AR5_CH4	Power Industry	MEX	Mexico	0.00670739
GWP_100_AR5_CH4	Power Industry	MKD	North Macedonia	0.00040434
GWP_100_AR5_CH4	Power Industry	MLI	Mali	1.098E-06
GWP_100_AR5_CH4	Power Industry	MLT	Malta	0.00011335
GWP_100_AR5_CH4	Power Industry	MMR	Myanmar/Burma	0.00020244
GWP_100_AR5_CH4	Power Industry	MNG	Mongolia	0.00011159
GWP_100_AR5_CH4	Power Industry	MOZ	Mozambique	0.00196397
GWP_100_AR5_CH4	Power Industry	MRT	Mauritania	1.5372E-06
GWP_100_AR5_CH4	Power Industry	MTQ	Martinique	7.9773E-05
GWP_100_AR5_CH4	Power Industry	MUS	Mauritius	0.00039451
GWP_100_AR5_CH4	Power Industry	MWI	Malawi	1.098E-06
GWP_100_AR5_CH4	Power Industry	MYS	Malaysia	0.00086046
GWP_100_AR5_CH4	Power Industry	NAM	Namibia	3.6601E-06
GWP_100_AR5_CH4	Power Industry	NCL	New Caledonia	7.3851E-05
GWP_100_AR5_CH4	Power Industry	NER	Niger	4.3646E-05
GWP_100_AR5_CH4	Power Industry	NGA	Nigeria	0.00069517
GWP_100_AR5_CH4	Power Industry	NIC	Nicaragua	0.00043048
GWP_100_AR5_CH4	Power Industry	NLD	Netherlands	0.01757863
GWP_100_AR5_CH4	Power Industry	NOR	Norway	0.00032915
GWP_100_AR5_CH4	Power Industry	NPL	Nepal	3.2735E-05
GWP_100_AR5_CH4	Power Industry	NZL	New Zealand	0.00062994
GWP_100_AR5_CH4	Power Industry	OMN	Oman	1.4549E-05
GWP_100_AR5_CH4	Power Industry	PAK	Pakistan	0.00195815
GWP_100_AR5_CH4	Power Industry	PAN	Panama	0.000542
GWP_100_AR5_CH4	Power Industry	PER	Peru	0.00351847
GWP_100_AR5_CH4	Power Industry	PHL	Philippines	0.00282714
GWP_100_AR5_CH4	Power Industry	PLW	Palau	0.00047197
GWP_100_AR5_CH4	Power Industry	PNG	Papua New Guinea	0.00011656
GWP_100_AR5_CH4	Power Industry	POL	Poland	0.03616703
GWP_100_AR5_CH4	Power Industry	PRI	Puerto Rico	0.02248951
GWP_100_AR5_CH4	Power Industry	PRK	North Korea	0.00164736
GWP_100_AR5_CH4	Power Industry	PRT	Portugal	0.00447173
GWP_100_AR5_CH4	Power Industry	PRY	Paraguay	0.00134009
GWP_100_AR5_CH4	Power Industry	PYF	French Polynesia	1.3697E-05
GWP_100_AR5_CH4	Power Industry	QAT	Qatar	0.00144713
GWP_100_AR5_CH4	Power Industry	REU	Réunion	1.5738E-06
GWP_100_AR5_CH4	Power Industry	ROU	Romania	0.01902113
GWP_100_AR5_CH4	Power Industry	RUS	Russia	0.18185328
GWP_100_AR5_CH4	Power Industry	RWA	Rwanda	
GWP_100_AR5_CH4	Power Industry	SAU	Saudi Arabia	0.00191633
GWP_100_AR5_CH4	Power Industry	SCG	Serbia and Montenegro	0.0034549
GWP_100_AR5_CH4	Power Industry	SDN	Sudan and South Sudan	0.00014675
GWP_100_AR5_CH4	Power Industry	SEN	Senegal	0.00184355
GWP_100_AR5_CH4	Power Industry	SGP	Singapore	0.00064909
GWP_100_AR5_CH4	Power Industry	SHN	Saint Helena, Ascension and Tristan da Cunha	5.6124E-07
GWP_100_AR5_CH4	Power Industry	SLB	Solomon Islands	6.5129E-06
GWP_100_AR5_CH4	Power Industry	SLE	Sierra Leone	1.7158E-06
GWP_100_AR5_CH4	Power Industry	SLV	El Salvador	5.1327E-05
GWP_100_AR5_CH4	Power Industry	SOM	Somalia	2.8915E-06
GWP_100_AR5_CH4	Power Industry	SPM	Saint Pierre and Miquelon	2.8326E-05
GWP_100_AR5_CH4	Power Industry	STP	São Tomé and Príncipe	7.3202E-08

GWP_100_AR5_CH4	Power Industry	SUR	Suriname	0.00033287
GWP_100_AR5_CH4	Power Industry	SVK	Slovakia	0.00177993
GWP_100_AR5_CH4	Power Industry	SVN	Slovenia	4.8792E-05
GWP_100_AR5_CH4	Power Industry	SWE	Sweden	0.00826433
GWP_100_AR5_CH4	Power Industry	SWZ	Eswatini	
GWP_100_AR5_CH4	Power Industry	SYC	Seychelles	5.4901E-07
GWP_100_AR5_CH4	Power Industry	SYR	Syria	0.00036122
GWP_100_AR5_CH4	Power Industry	TCA	Turks and Caicos Islands	2.5193E-06
GWP_100_AR5_CH4	Power Industry	TCD	Chad	7.3202E-07
GWP_100_AR5_CH4	Power Industry	TGO	Togo	0.00009093
GWP_100_AR5_CH4	Power Industry	THA	Thailand	0.0016967
GWP_100_AR5_CH4	Power Industry	TJK	Tajikistan	0.00024759
GWP_100_AR5_CH4	Power Industry	TKM	Turkmenistan	0.00242434
GWP_100_AR5_CH4	Power Industry	TLS	Timor-Leste	3.703E-07
GWP_100_AR5_CH4	Power Industry	TON	Tonga	1.8288E-06
GWP_100_AR5_CH4	Power Industry	TTO	Trinidad and Tobago	0.00119317
GWP_100_AR5_CH4	Power Industry	TUN	Tunisia	0.00092863
GWP_100_AR5_CH4	Power Industry	TUR	Türkiye	0.00243983
GWP_100_AR5_CH4	Power Industry	TWN	Taiwan	0.00610698
GWP_100_AR5_CH4	Power Industry	TZA	Tanzania	0.00024006
GWP_100_AR5_CH4	Power Industry	UGA	Uganda	0.00034524
GWP_100_AR5_CH4	Power Industry	UKR	Ukraine	0.04862635
GWP_100_AR5_CH4	Power Industry	URY	Uruguay	0.00059837
GWP_100_AR5_CH4	Power Industry	USA	United States	0.36931203
GWP_100_AR5_CH4	Power Industry	UZB	Uzbekistan	0.00700753
GWP_100_AR5_CH4	Power Industry	VCT	Saint Vincent and the Grenadines	8.4978E-06
GWP_100_AR5_CH4	Power Industry	VEN	Venezuela	0.00558134
GWP_100_AR5_CH4	Power Industry	VGB	British Virgin Islands	5.6652E-06
GWP_100_AR5_CH4	Power Industry	VNM	Viet Nam	0.00038693
GWP_100_AR5_CH4	Power Industry	VUT	Vanuatu	7.334E-06
GWP_100_AR5_CH4	Power Industry	WSM	Samoa	6.4895E-06
GWP_100_AR5_CH4	Power Industry	YEM	Yemen	0.00019584
GWP_100_AR5_CH4	Power Industry	ZAF	South Africa	0.01401697
GWP_100_AR5_CH4	Power Industry	ZMB	Zambia	0.00013327
GWP_100_AR5_CH4	Power Industry	ZWE	Zimbabwe	0.00024699
GWP_100_AR5_CH4	Processes	ALB	Albania	0.00545406
GWP_100_AR5_CH4	Processes	ARE	United Arab Emirates	
GWP_100_AR5_CH4	Processes	ARG	Argentina	0.01832696
GWP_100_AR5_CH4	Processes	ARM	Armenia	
GWP_100_AR5_CH4	Processes	AUS	Australia	0.03980634
GWP_100_AR5_CH4	Processes	AUT	Austria	0.00872702
GWP_100_AR5_CH4	Processes	AZE	Azerbaijan	0.00087844
GWP_100_AR5_CH4	Processes	BEL	Belgium	0.06131662
GWP_100_AR5_CH4	Processes	BGD	Bangladesh	0.00034692
GWP_100_AR5_CH4	Processes	BGR	Bulgaria	0.01784595
GWP_100_AR5_CH4	Processes	BHR	Bahrain	
GWP_100_AR5_CH4	Processes	BIH	Bosnia and Herzegovina	0.00182972
GWP_100_AR5_CH4	Processes	BLR	Belarus	0.00045184
GWP_100_AR5_CH4	Processes	BRA	Brazil	0.14204546
GWP_100_AR5_CH4	Processes	BTN	Bhutan	
GWP_100_AR5_CH4	Processes	CAN	Canada	0.20818919

GWP_100_AR5_CH4	Processes	CHE	Switzerland and Liechtenst	0.00314673
GWP_100_AR5_CH4	Processes	CHL	Chile	0.00381357
GWP_100_AR5_CH4	Processes	CHN	China	0.43889914
GWP_100_AR5_CH4	Processes	COL	Colombia	0.00309807
GWP_100_AR5_CH4	Processes	CUB	Cuba	0.0002744
GWP_100_AR5_CH4	Processes	CZE	Czechia	0.02419195
GWP_100_AR5_CH4	Processes	DEU	Germany	0.34203251
GWP_100_AR5_CH4	Processes	DNK	Denmark	0.00022111
GWP_100_AR5_CH4	Processes	DZA	Algeria	0.00231336
GWP_100_AR5_CH4	Processes	ECU	Ecuador	9.1728E-07
GWP_100_AR5_CH4	Processes	EGY	Egypt	0.00093444
GWP_100_AR5_CH4	Processes	ESP	Spain and Andorra	0.04592924
GWP_100_AR5_CH4	Processes	EST	Estonia	
GWP_100_AR5_CH4	Processes	FIN	Finland	0.01836736
GWP_100_AR5_CH4	Processes	FRA	France and Monaco	0.20701221
GWP_100_AR5_CH4	Processes	GAB	Gabon	
GWP_100_AR5_CH4	Processes	GBR	United Kingdom	0.11174686
GWP_100_AR5_CH4	Processes	GEO	Georgia	0.07081312
GWP_100_AR5_CH4	Processes	GNQ	Equatorial Guinea	
GWP_100_AR5_CH4	Processes	GRC	Greece	0.00466404
GWP_100_AR5_CH4	Processes	GTM	Guatemala	
GWP_100_AR5_CH4	Processes	HRV	Croatia	0.13628149
GWP_100_AR5_CH4	Processes	HUN	Hungary	0.00083701
GWP_100_AR5_CH4	Processes	IDN	Indonesia	0.00056491
GWP_100_AR5_CH4	Processes	IND	India	0.10192352
GWP_100_AR5_CH4	Processes	IRL	Ireland	
GWP_100_AR5_CH4	Processes	IRN	Iran	9.9222E-05
GWP_100_AR5_CH4	Processes	IRQ	Iraq	
GWP_100_AR5_CH4	Processes	ISL	Iceland	0.00429906
GWP_100_AR5_CH4	Processes	ISR	Israel and Palestine, State	0.00320936
GWP_100_AR5_CH4	Processes	ITA	Italy, San Marino and the H	0.097001
GWP_100_AR5_CH4	Processes	JPN	Japan	0.48771166
GWP_100_AR5_CH4	Processes	KAZ	Kazakhstan	0.10231421
GWP_100_AR5_CH4	Processes	KOR	South Korea	0.02532309
GWP_100_AR5_CH4	Processes	KWT	Kuwait	
GWP_100_AR5_CH4	Processes	LBY	Libya	0.0180642
GWP_100_AR5_CH4	Processes	LTU	Lithuania	0.00078999
GWP_100_AR5_CH4	Processes	LUX	Luxembourg	0.01444522
GWP_100_AR5_CH4	Processes	LVA	Latvia	0.00091593
GWP_100_AR5_CH4	Processes	MAR	Morocco	
GWP_100_AR5_CH4	Processes	MEX	Mexico	0.08127892
GWP_100_AR5_CH4	Processes	MKD	North Macedonia	0.11502466
GWP_100_AR5_CH4	Processes	MMR	Myanmar/Burma	
GWP_100_AR5_CH4	Processes	MRT	Mauritania	
GWP_100_AR5_CH4	Processes	MYS	Malaysia	3.5482E-05
GWP_100_AR5_CH4	Processes	NGA	Nigeria	
GWP_100_AR5_CH4	Processes	NLD	Netherlands	0.08765995
GWP_100_AR5_CH4	Processes	NOR	Norway	0.1758261
GWP_100_AR5_CH4	Processes	NZL	New Zealand	
GWP_100_AR5_CH4	Processes	OMN	Oman	
GWP_100_AR5_CH4	Processes	PAK	Pakistan	

GWP_100_AR5_CH4	Processes	PER	Peru	7.1735E-05
GWP_100_AR5_CH4	Processes	PHL	Philippines	0.00782564
GWP_100_AR5_CH4	Processes	POL	Poland	0.07287142
GWP_100_AR5_CH4	Processes	PRK	North Korea	0.02980116
GWP_100_AR5_CH4	Processes	PRT	Portugal	0.0096174
GWP_100_AR5_CH4	Processes	PRY	Paraguay	
GWP_100_AR5_CH4	Processes	QAT	Qatar	0.00076045
GWP_100_AR5_CH4	Processes	ROU	Romania	0.06133008
GWP_100_AR5_CH4	Processes	RUS	Russia	0.39662759
GWP_100_AR5_CH4	Processes	SAU	Saudi Arabia	0.0689724
GWP_100_AR5_CH4	Processes	SCG	Serbia and Montenegro	0.00250804
GWP_100_AR5_CH4	Processes	SGP	Singapore	
GWP_100_AR5_CH4	Processes	SVK	Slovakia	0.04500646
GWP_100_AR5_CH4	Processes	SVN	Slovenia	0.02558882
GWP_100_AR5_CH4	Processes	SWE	Sweden	0.02430944
GWP_100_AR5_CH4	Processes	THA	Thailand	
GWP_100_AR5_CH4	Processes	TKM	Turkmenistan	3.4556E-05
GWP_100_AR5_CH4	Processes	TTO	Trinidad and Tobago	0.01123489
GWP_100_AR5_CH4	Processes	TUN	Tunisia	0.00015425
GWP_100_AR5_CH4	Processes	TUR	Türkiye	0.01517385
GWP_100_AR5_CH4	Processes	TWN	Taiwan	0.01085854
GWP_100_AR5_CH4	Processes	UKR	Ukraine	0.36495617
GWP_100_AR5_CH4	Processes	URY	Uruguay	1.9308E-05
GWP_100_AR5_CH4	Processes	USA	United States	0.515727
GWP_100_AR5_CH4	Processes	UZB	Uzbekistan	0.0004698
GWP_100_AR5_CH4	Processes	VEN	Venezuela	0.02163093
GWP_100_AR5_CH4	Processes	VNM	Viet Nam	
GWP_100_AR5_CH4	Processes	ZAF	South Africa	0.28046483
GWP_100_AR5_CH4	Processes	ZWE	Zimbabwe	0.0318444
GWP_100_AR5_CH4	Transport	ABW	Aruba	9.1148E-06
GWP_100_AR5_CH4	Transport	AFG	Afghanistan	0.00177728
GWP_100_AR5_CH4	Transport	AGO	Angola	0.0045414
GWP_100_AR5_CH4	Transport	AIA	Anguilla	1.487E-05
GWP_100_AR5_CH4	Transport	AIR	International Aviation	0.03328093
GWP_100_AR5_CH4	Transport	ALB	Albania	0.00459979
GWP_100_AR5_CH4	Transport	ANT	Curaçao	0.00684918
GWP_100_AR5_CH4	Transport	ARE	United Arab Emirates	0.00339973
GWP_100_AR5_CH4	Transport	ARG	Argentina	0.17295137
GWP_100_AR5_CH4	Transport	ARM	Armenia	0.01208527
GWP_100_AR5_CH4	Transport	ATG	Antigua and Barbuda	3.7532E-05
GWP_100_AR5_CH4	Transport	AUS	Australia	0.29993209
GWP_100_AR5_CH4	Transport	AUT	Austria	0.08189421
GWP_100_AR5_CH4	Transport	AZE	Azerbaijan	0.02017463
GWP_100_AR5_CH4	Transport	BDI	Burundi	5.0787E-05
GWP_100_AR5_CH4	Transport	BEL	Belgium	0.11360446
GWP_100_AR5_CH4	Transport	BEN	Benin	0.00125745
GWP_100_AR5_CH4	Transport	BFA	Burkina Faso	0.00021766
GWP_100_AR5_CH4	Transport	BGD	Bangladesh	0.00160217
GWP_100_AR5_CH4	Transport	BGR	Bulgaria	0.05301928
GWP_100_AR5_CH4	Transport	BHR	Bahrain	0.00127712
GWP_100_AR5_CH4	Transport	BHS	Bahamas	0.00037532



GWP_100_AR5_CH4	Transport	BIH	Bosnia and Herzegovina	0.01025238
GWP_100_AR5_CH4	Transport	BLR	Belarus	0.03914007
GWP_100_AR5_CH4	Transport	BLZ	Belize	2.1447E-05
GWP_100_AR5_CH4	Transport	BMU	Bermuda	5.0936E-05
GWP_100_AR5_CH4	Transport	BOL	Bolivia	0.00898049
GWP_100_AR5_CH4	Transport	BRA	Brazil	0.41177592
GWP_100_AR5_CH4	Transport	BRB	Barbados	8.9808E-05
GWP_100_AR5_CH4	Transport	BRN	Brunei	0.00099603
GWP_100_AR5_CH4	Transport	BTN	Bhutan	5.078E-06
GWP_100_AR5_CH4	Transport	BWA	Botswana	0.00035919
GWP_100_AR5_CH4	Transport	CAF	Central African Republic	7.2553E-05
GWP_100_AR5_CH4	Transport	CAN	Canada	0.80813326
GWP_100_AR5_CH4	Transport	CHE	Switzerland and Liechtenst	0.10026401
GWP_100_AR5_CH4	Transport	CHL	Chile	0.04896833
GWP_100_AR5_CH4	Transport	CHN	China	0.13658994
GWP_100_AR5_CH4	Transport	CIV	Côte d'Ivoire	0.00687773
GWP_100_AR5_CH4	Transport	CMR	Cameroon	0.00427532
GWP_100_AR5_CH4	Transport	COD	Democratic Republic of the	0.00522211
GWP_100_AR5_CH4	Transport	COG	Congo	0.00170435
GWP_100_AR5_CH4	Transport	COK	Cook Islands	6.276E-05
GWP_100_AR5_CH4	Transport	COL	Colombia	0.06576684
GWP_100_AR5_CH4	Transport	COM	Comoros	2.1766E-05
GWP_100_AR5_CH4	Transport	CPV	Cabo Verde	0.00015236
GWP_100_AR5_CH4	Transport	CRI	Costa Rica	0.00369203
GWP_100_AR5_CH4	Transport	CUB	Cuba	0.03147993
GWP_100_AR5_CH4	Transport	CYM	Cayman Islands	9.3829E-06
GWP_100_AR5_CH4	Transport	CYP	Cyprus	0.00468389
GWP_100_AR5_CH4	Transport	CZE	Czechia	0.04123506
GWP_100_AR5_CH4	Transport	DEU	Germany	0.93374289
GWP_100_AR5_CH4	Transport	DJI	Djibouti	0.00072553
GWP_100_AR5_CH4	Transport	DMA	Dominica	2.6808E-06
GWP_100_AR5_CH4	Transport	DNK	Denmark	0.0747748
GWP_100_AR5_CH4	Transport	DOM	Dominican Republic	0.01215716
GWP_100_AR5_CH4	Transport	DZA	Algeria	0.04486887
GWP_100_AR5_CH4	Transport	ECU	Ecuador	0.01495466
GWP_100_AR5_CH4	Transport	EGY	Egypt	0.05924374
GWP_100_AR5_CH4	Transport	ERI	Eritrea	0.00032087
GWP_100_AR5_CH4	Transport	ESH	Western Sahara	0.00023993
GWP_100_AR5_CH4	Transport	ESP	Spain and Andorra	0.1578213
GWP_100_AR5_CH4	Transport	EST	Estonia	0.00759084
GWP_100_AR5_CH4	Transport	ETH	Ethiopia	0.00355643
GWP_100_AR5_CH4	Transport	FIN	Finland	0.05273382
GWP_100_AR5_CH4	Transport	FJI	Fiji	0.00222797
GWP_100_AR5_CH4	Transport	FLK	Falkland Islands	1.0723E-06
GWP_100_AR5_CH4	Transport	FRA	France and Monaco	0.60873717
GWP_100_AR5_CH4	Transport	GAB	Gabon	
GWP_100_AR5_CH4	Transport	GBR	United Kingdom	0.69549311
GWP_100_AR5_CH4	Transport	GEO	Georgia	0.01222366
GWP_100_AR5_CH4	Transport	GHA	Ghana	0.00841035
GWP_100_AR5_CH4	Transport	GIB	Gibraltar	0.00024623
GWP_100_AR5_CH4	Transport	GIN	Guinea	0.0004063

GWP_100_AR5_CH4	Transport	GLP	Guadeloupe	4.6914E-05
GWP_100_AR5_CH4	Transport	GMB	The Gambia	7.9808E-05
GWP_100_AR5_CH4	Transport	GNB	Guinea-Bissau	4.3532E-05
GWP_100_AR5_CH4	Transport	GNQ	Equatorial Guinea	0.00015588
GWP_100_AR5_CH4	Transport	GRC	Greece	0.03333689
GWP_100_AR5_CH4	Transport	GRD	Grenada	4.0212E-06
GWP_100_AR5_CH4	Transport	GRL	Greenland	
GWP_100_AR5_CH4	Transport	GTM	Guatemala	0.00616986
GWP_100_AR5_CH4	Transport	GUF	French Guiana	3.351E-05
GWP_100_AR5_CH4	Transport	GUY	Guyana	0.00148053
GWP_100_AR5_CH4	Transport	HKG	Hong Kong	0.0059735
GWP_100_AR5_CH4	Transport	HND	Honduras	0.00357775
GWP_100_AR5_CH4	Transport	HRV	Croatia	0.01826207
GWP_100_AR5_CH4	Transport	HTI	Haiti	0.00091826
GWP_100_AR5_CH4	Transport	HUN	Hungary	0.02799061
GWP_100_AR5_CH4	Transport	IDN	Indonesia	0.06055096
GWP_100_AR5_CH4	Transport	IND	India	0.1018829
GWP_100_AR5_CH4	Transport	IRL	Ireland	0.02982207
GWP_100_AR5_CH4	Transport	IRN	Iran	0.05006946
GWP_100_AR5_CH4	Transport	IRQ	Iraq	0.01889513
GWP_100_AR5_CH4	Transport	ISL	Iceland	0.00268464
GWP_100_AR5_CH4	Transport	ISR	Israel and Palestine, State of	0.02637605
GWP_100_AR5_CH4	Transport	ITA	Italy, San Marino and the Holy See	0.53036844
GWP_100_AR5_CH4	Transport	JAM	Jamaica	0.01200266
GWP_100_AR5_CH4	Transport	JOR	Jordan	0.00376841
GWP_100_AR5_CH4	Transport	JPN	Japan	0.72849192
GWP_100_AR5_CH4	Transport	KAZ	Kazakhstan	0.05046433
GWP_100_AR5_CH4	Transport	KEN	Kenya	0.00873808
GWP_100_AR5_CH4	Transport	KGZ	Kyrgyzstan	0.016543
GWP_100_AR5_CH4	Transport	KHM	Cambodia	0.00060283
GWP_100_AR5_CH4	Transport	KIR	Kiribati	6.276E-05
GWP_100_AR5_CH4	Transport	KNA	Saint Kitts and Nevis	5.3616E-06
GWP_100_AR5_CH4	Transport	KOR	South Korea	0.02901512
GWP_100_AR5_CH4	Transport	KWT	Kuwait	0.01948
GWP_100_AR5_CH4	Transport	LAO	Laos	0.00095184
GWP_100_AR5_CH4	Transport	LBN	Lebanon	0.01506748
GWP_100_AR5_CH4	Transport	LBR	Liberia	0.00094319
GWP_100_AR5_CH4	Transport	LBY	Libya	0.02095959
GWP_100_AR5_CH4	Transport	LCA	Saint Lucia	1.0723E-05
GWP_100_AR5_CH4	Transport	LKA	Sri Lanka	0.00649277
GWP_100_AR5_CH4	Transport	LSO	Lesotho	7.2553E-05
GWP_100_AR5_CH4	Transport	LTU	Lithuania	0.01584849
GWP_100_AR5_CH4	Transport	LUX	Luxembourg	0.00499666
GWP_100_AR5_CH4	Transport	LVA	Latvia	0.01007058
GWP_100_AR5_CH4	Transport	MAC	Macao	0.00069974
GWP_100_AR5_CH4	Transport	MAR	Morocco	0.03289169
GWP_100_AR5_CH4	Transport	MDA	Moldova	0.01037156
GWP_100_AR5_CH4	Transport	MDG	Madagascar	0.0036734
GWP_100_AR5_CH4	Transport	MDV	Maldives	2.539E-05
GWP_100_AR5_CH4	Transport	MEX	Mexico	0.25649855
GWP_100_AR5_CH4	Transport	MKD	North Macedonia	0.00390292

GWP_100_AR5_CH4	Transport	MLI	Mali	0.00021766
GWP_100_AR5_CH4	Transport	MLT	Malta	0.00162728
GWP_100_AR5_CH4	Transport	MMR	Myanmar/Burma	0.00954944
GWP_100_AR5_CH4	Transport	MNG	Mongolia	0.00262401
GWP_100_AR5_CH4	Transport	MOZ	Mozambique	0.00389709
GWP_100_AR5_CH4	Transport	MRT	Mauritania	0.00030472
GWP_100_AR5_CH4	Transport	MTQ	Martinique	6.0319E-05
GWP_100_AR5_CH4	Transport	MUS	Mauritius	0.00060894
GWP_100_AR5_CH4	Transport	MWI	Malawi	0.00021766
GWP_100_AR5_CH4	Transport	MYS	Malaysia	0.03231179
GWP_100_AR5_CH4	Transport	NAM	Namibia	0.00072553
GWP_100_AR5_CH4	Transport	NCL	New Caledonia	0.00313798
GWP_100_AR5_CH4	Transport	NER	Niger	0.00073513
GWP_100_AR5_CH4	Transport	NGA	Nigeria	0.02192138
GWP_100_AR5_CH4	Transport	NIC	Nicaragua	0.0048962
GWP_100_AR5_CH4	Transport	NLD	Netherlands	0.16789632
GWP_100_AR5_CH4	Transport	NOR	Norway	0.05133267
GWP_100_AR5_CH4	Transport	NPL	Nepal	0.00041018
GWP_100_AR5_CH4	Transport	NZL	New Zealand	0.05186774
GWP_100_AR5_CH4	Transport	OMN	Oman	0.00112165
GWP_100_AR5_CH4	Transport	PAK	Pakistan	0.0148064
GWP_100_AR5_CH4	Transport	PAN	Panama	0.00728157
GWP_100_AR5_CH4	Transport	PER	Peru	0.04629677
GWP_100_AR5_CH4	Transport	PHL	Philippines	0.07406774
GWP_100_AR5_CH4	Transport	PLW	Palau	0.00463321
GWP_100_AR5_CH4	Transport	PNG	Papua New Guinea	0.00380736
GWP_100_AR5_CH4	Transport	POL	Poland	0.09064157
GWP_100_AR5_CH4	Transport	PRI	Puerto Rico	0.00216992
GWP_100_AR5_CH4	Transport	PRK	North Korea	0.01437857
GWP_100_AR5_CH4	Transport	PRT	Portugal	0.02724179
GWP_100_AR5_CH4	Transport	PRY	Paraguay	0.00313199
GWP_100_AR5_CH4	Transport	PYF	French Polynesia	0.0004707
GWP_100_AR5_CH4	Transport	QAT	Qatar	0.00177038
GWP_100_AR5_CH4	Transport	REU	Réunion	0.00031198
GWP_100_AR5_CH4	Transport	ROU	Romania	0.07257027
GWP_100_AR5_CH4	Transport	RUS	Russia	0.59733883
GWP_100_AR5_CH4	Transport	RWA	Rwanda	0.00029568
GWP_100_AR5_CH4	Transport	SAU	Saudi Arabia	0.02389588
GWP_100_AR5_CH4	Transport	SCG	Serbia and Montenegro	0.0198142
GWP_100_AR5_CH4	Transport	SDN	Sudan and South Sudan	0.00792095
GWP_100_AR5_CH4	Transport	SEA	International Shipping	0.90088433
GWP_100_AR5_CH4	Transport	SEN	Senegal	0.00340768
GWP_100_AR5_CH4	Transport	SGP	Singapore	0.01112252
GWP_100_AR5_CH4	Transport	SHN	Saint Helena, Ascension and Tristan da Cunha	8.1925E-06
GWP_100_AR5_CH4	Transport	SLB	Solomon Islands	0.00021966
GWP_100_AR5_CH4	Transport	SLE	Sierra Leone	0.00036276
GWP_100_AR5_CH4	Transport	SLV	El Salvador	0.00419243
GWP_100_AR5_CH4	Transport	SOM	Somalia	0.00057317
GWP_100_AR5_CH4	Transport	SPM	Saint Pierre and Miquelon	1.5067E-05
GWP_100_AR5_CH4	Transport	STP	São Tomé and Príncipe	1.4511E-05
GWP_100_AR5_CH4	Transport	SUR	Suriname	0.00018766

GWP_100_AR5_CH4	Transport	SVK	Slovakia	0.02371373
GWP_100_AR5_CH4	Transport	SVN	Slovenia	0.01386439
GWP_100_AR5_CH4	Transport	SWE	Sweden	0.13551866
GWP_100_AR5_CH4	Transport	SWZ	Eswatini	0.0009925
GWP_100_AR5_CH4	Transport	SYC	Seychelles	0.00010883
GWP_100_AR5_CH4	Transport	SYR	Syria	0.01010306
GWP_100_AR5_CH4	Transport	TCA	Turks and Caicos Islands	1.1922E-06
GWP_100_AR5_CH4	Transport	TCD	Chad	0.00014511
GWP_100_AR5_CH4	Transport	TGO	Togo	0.00108867
GWP_100_AR5_CH4	Transport	THA	Thailand	0.04211273
GWP_100_AR5_CH4	Transport	TJK	Tajikistan	0.00314898
GWP_100_AR5_CH4	Transport	TKM	Turkmenistan	0.01249939
GWP_100_AR5_CH4	Transport	TLS	Timor-Leste	
GWP_100_AR5_CH4	Transport	TON	Tonga	6.276E-05
GWP_100_AR5_CH4	Transport	TTO	Trinidad and Tobago	0.00646412
GWP_100_AR5_CH4	Transport	TUN	Tunisia	0.01110546
GWP_100_AR5_CH4	Transport	TUR	Türkiye	0.04055291
GWP_100_AR5_CH4	Transport	TWN	Taiwan	0.01262061
GWP_100_AR5_CH4	Transport	TZA	Tanzania	0.00503296
GWP_100_AR5_CH4	Transport	UGA	Uganda	0.00437846
GWP_100_AR5_CH4	Transport	UKR	Ukraine	0.2082497
GWP_100_AR5_CH4	Transport	URY	Uruguay	0.01119943
GWP_100_AR5_CH4	Transport	USA	United States	9.60844069
GWP_100_AR5_CH4	Transport	UZB	Uzbekistan	0.03212171
GWP_100_AR5_CH4	Transport	VCT	Saint Vincent and the Grenadines	4.0212E-06
GWP_100_AR5_CH4	Transport	VEN	Venezuela	0.11623798
GWP_100_AR5_CH4	Transport	VGB	British Virgin Islands	2.6808E-06
GWP_100_AR5_CH4	Transport	VNM	Viet Nam	0.03465913
GWP_100_AR5_CH4	Transport	VUT	Vanuatu	0.00025104
GWP_100_AR5_CH4	Transport	WSM	Samoa	0.00021966
GWP_100_AR5_CH4	Transport	YEM	Yemen	0.00600117
GWP_100_AR5_CH4	Transport	ZAF	South Africa	0.14917939
GWP_100_AR5_CH4	Transport	ZMB	Zambia	0.00549829
GWP_100_AR5_CH4	Transport	ZWE	Zimbabwe	0.00811874
GWP_100_AR5_CH4	Waste	ABW	Aruba	0.0104339
GWP_100_AR5_CH4	Waste	AFG	Afghanistan	0.35318909
GWP_100_AR5_CH4	Waste	AGO	Angola	0.34682656
GWP_100_AR5_CH4	Waste	AIA	Anguilla	0.00111198
GWP_100_AR5_CH4	Waste	ALB	Albania	0.20593567
GWP_100_AR5_CH4	Waste	ANT	Curaçao	0.02957763
GWP_100_AR5_CH4	Waste	ARE	United Arab Emirates	0.13417205
GWP_100_AR5_CH4	Waste	ARG	Argentina	6.33585014
GWP_100_AR5_CH4	Waste	ARM	Armenia	0.40829333
GWP_100_AR5_CH4	Waste	ATG	Antigua and Barbuda	0.03253828
GWP_100_AR5_CH4	Waste	AUS	Australia	14.3646569
GWP_100_AR5_CH4	Waste	AUT	Austria	4.76333334
GWP_100_AR5_CH4	Waste	AZE	Azerbaijan	1.23730125
GWP_100_AR5_CH4	Waste	BDI	Burundi	0.21874074
GWP_100_AR5_CH4	Waste	BEL	Belgium	4.35267924
GWP_100_AR5_CH4	Waste	BEN	Benin	0.30835828
GWP_100_AR5_CH4	Waste	BFA	Burkina Faso	0.4986858

GWP_100_AR5_CH4	Waste	BGD	Bangladesh	1.69875975
GWP_100_AR5_CH4	Waste	BGR	Bulgaria	6.28563097
GWP_100_AR5_CH4	Waste	BHR	Bahrain	0.08559933
GWP_100_AR5_CH4	Waste	BHS	Bahamas	0.08158839
GWP_100_AR5_CH4	Waste	BIH	Bosnia and Herzegovina	0.2682755
GWP_100_AR5_CH4	Waste	BLR	Belarus	2.13584813
GWP_100_AR5_CH4	Waste	BLZ	Belize	0.07446187
GWP_100_AR5_CH4	Waste	BMU	Bermuda	0.01481675
GWP_100_AR5_CH4	Waste	BOL	Bolivia	0.27782636
GWP_100_AR5_CH4	Waste	BRA	Brazil	22.4596276
GWP_100_AR5_CH4	Waste	BRB	Barbados	0.11596976
GWP_100_AR5_CH4	Waste	BRN	Brunei	0.02234174
GWP_100_AR5_CH4	Waste	BTN	Bhutan	0.01112737
GWP_100_AR5_CH4	Waste	BWA	Botswana	0.02797713
GWP_100_AR5_CH4	Waste	CAF	Central African Republic	0.13582372
GWP_100_AR5_CH4	Waste	CAN	Canada	17.7848914
GWP_100_AR5_CH4	Waste	CHE	Switzerland and Liechtenst	1.69455423
GWP_100_AR5_CH4	Waste	CHL	Chile	2.91396693
GWP_100_AR5_CH4	Waste	CHN	China	81.3137204
GWP_100_AR5_CH4	Waste	CIV	Côte d'Ivoire	0.61585114
GWP_100_AR5_CH4	Waste	CMR	Cameroon	0.55547192
GWP_100_AR5_CH4	Waste	COD	Democratic Republic of the	1.77331737
GWP_100_AR5_CH4	Waste	COG	Congo	0.12250767
GWP_100_AR5_CH4	Waste	COK	Cook Islands	0.00404658
GWP_100_AR5_CH4	Waste	COL	Colombia	4.45180696
GWP_100_AR5_CH4	Waste	COM	Comoros	0.0315375
GWP_100_AR5_CH4	Waste	CPV	Cabo Verde	0.01942538
GWP_100_AR5_CH4	Waste	CRI	Costa Rica	0.37074748
GWP_100_AR5_CH4	Waste	CUB	Cuba	2.4400932
GWP_100_AR5_CH4	Waste	CYM	Cayman Islands	0.00250172
GWP_100_AR5_CH4	Waste	CYP	Cyprus	0.15436864
GWP_100_AR5_CH4	Waste	CZE	Czechia	3.60717725
GWP_100_AR5_CH4	Waste	DEU	Germany	44.1601383
GWP_100_AR5_CH4	Waste	DJI	Djibouti	0.04389559
GWP_100_AR5_CH4	Waste	DMA	Dominica	0.01189547
GWP_100_AR5_CH4	Waste	DNK	Denmark	2.23676703
GWP_100_AR5_CH4	Waste	DOM	Dominican Republic	0.62824248
GWP_100_AR5_CH4	Waste	DZA	Algeria	2.13879444
GWP_100_AR5_CH4	Waste	ECU	Ecuador	1.04239019
GWP_100_AR5_CH4	Waste	EGY	Egypt	4.62962752
GWP_100_AR5_CH4	Waste	ERI	Eritrea	0.20419021
GWP_100_AR5_CH4	Waste	ESH	Western Sahara	0.01230865
GWP_100_AR5_CH4	Waste	ESP	Spain and Andorra	7.94285002
GWP_100_AR5_CH4	Waste	EST	Estonia	1.44519126
GWP_100_AR5_CH4	Waste	ETH	Ethiopia	3.30632237
GWP_100_AR5_CH4	Waste	FIN	Finland	5.73491624
GWP_100_AR5_CH4	Waste	FJI	Fiji	0.12884752
GWP_100_AR5_CH4	Waste	FLK	Falkland Islands	0.00033317
GWP_100_AR5_CH4	Waste	FRA	France and Monaco	19.7935786
GWP_100_AR5_CH4	Waste	FRO	Faroes	0.0191034
GWP_100_AR5_CH4	Waste	GAB	Gabon	0.06649253

GWP_100_AR5_CH4	Waste	GBR	United Kingdom	52.1591544
GWP_100_AR5_CH4	Waste	GEO	Georgia	1.5083733
GWP_100_AR5_CH4	Waste	GHA	Ghana	0.67820972
GWP_100_AR5_CH4	Waste	GIB	Gibraltar	0.01075677
GWP_100_AR5_CH4	Waste	GIN	Guinea	0.5319028
GWP_100_AR5_CH4	Waste	GLP	Guadeloupe	0.04928288
GWP_100_AR5_CH4	Waste	GMB	The Gambia	0.03574855
GWP_100_AR5_CH4	Waste	GNB	Guinea-Bissau	0.03208926
GWP_100_AR5_CH4	Waste	GNQ	Equatorial Guinea	0.02330924
GWP_100_AR5_CH4	Waste	GRC	Greece	3.43639479
GWP_100_AR5_CH4	Waste	GRD	Grenada	0.02049104
GWP_100_AR5_CH4	Waste	GRL	Greenland	0.04532061
GWP_100_AR5_CH4	Waste	GTM	Guatemala	1.26376954
GWP_100_AR5_CH4	Waste	GUF	French Guiana	0.00547579
GWP_100_AR5_CH4	Waste	GUY	Guyana	0.29744345
GWP_100_AR5_CH4	Waste	HKG	Hong Kong	1.57388848
GWP_100_AR5_CH4	Waste	HND	Honduras	0.42217198
GWP_100_AR5_CH4	Waste	HRV	Croatia	0.59732641
GWP_100_AR5_CH4	Waste	HTI	Haiti	0.56477582
GWP_100_AR5_CH4	Waste	HUN	Hungary	4.44142388
GWP_100_AR5_CH4	Waste	IDN	Indonesia	5.37838472
GWP_100_AR5_CH4	Waste	IND	India	49.0372081
GWP_100_AR5_CH4	Waste	IRL	Ireland	1.80808483
GWP_100_AR5_CH4	Waste	IRN	Iran	3.30875814
GWP_100_AR5_CH4	Waste	IRQ	Iraq	2.15715711
GWP_100_AR5_CH4	Waste	ISL	Iceland	0.18361721
GWP_100_AR5_CH4	Waste	ISR	Israel and Palestine, State of	1.77014014
GWP_100_AR5_CH4	Waste	ITA	Italy, San Marino and the Holy See	21.524446
GWP_100_AR5_CH4	Waste	JAM	Jamaica	0.16575229
GWP_100_AR5_CH4	Waste	JOR	Jordan	0.37381719
GWP_100_AR5_CH4	Waste	JPN	Japan	18.9868104
GWP_100_AR5_CH4	Waste	KAZ	Kazakhstan	2.00448656
GWP_100_AR5_CH4	Waste	KEN	Kenya	0.4275527
GWP_100_AR5_CH4	Waste	KGZ	Kyrgyzstan	0.57982933
GWP_100_AR5_CH4	Waste	KHM	Cambodia	0.42452306
GWP_100_AR5_CH4	Waste	KIR	Kiribati	0.00450704
GWP_100_AR5_CH4	Waste	KNA	Saint Kitts and Nevis	0.02258609
GWP_100_AR5_CH4	Waste	KOR	South Korea	2.87751048
GWP_100_AR5_CH4	Waste	KWT	Kuwait	0.84886151
GWP_100_AR5_CH4	Waste	LAO	Laos	0.09086196
GWP_100_AR5_CH4	Waste	LBN	Lebanon	0.57508734
GWP_100_AR5_CH4	Waste	LBR	Liberia	0.13009314
GWP_100_AR5_CH4	Waste	LBY	Libya	0.45662041
GWP_100_AR5_CH4	Waste	LCA	Saint Lucia	0.01938232
GWP_100_AR5_CH4	Waste	LKA	Sri Lanka	1.64332577
GWP_100_AR5_CH4	Waste	LSO	Lesotho	0.05212746
GWP_100_AR5_CH4	Waste	LTU	Lithuania	0.89857754
GWP_100_AR5_CH4	Waste	LUX	Luxembourg	0.10870488
GWP_100_AR5_CH4	Waste	LVA	Latvia	0.46382904
GWP_100_AR5_CH4	Waste	MAC	Macao	0.01599681
GWP_100_AR5_CH4	Waste	MAR	Morocco	2.95280723

GWP_100_AR5_CH4	Waste	MDA	Moldova	0.50638613
GWP_100_AR5_CH4	Waste	MDG	Madagascar	0.3264114
GWP_100_AR5_CH4	Waste	MDV	Maldives	0.00796996
GWP_100_AR5_CH4	Waste	MEX	Mexico	13.9006507
GWP_100_AR5_CH4	Waste	MKD	North Macedonia	0.31954666
GWP_100_AR5_CH4	Waste	MLI	Mali	0.42698063
GWP_100_AR5_CH4	Waste	MLT	Malta	0.03686063
GWP_100_AR5_CH4	Waste	MMR	Myanmar/Burma	2.12038142
GWP_100_AR5_CH4	Waste	MNG	Mongolia	0.15179806
GWP_100_AR5_CH4	Waste	MOZ	Mozambique	0.64932503
GWP_100_AR5_CH4	Waste	MRT	Mauritania	0.13809371
GWP_100_AR5_CH4	Waste	MTQ	Martinique	0.03431032
GWP_100_AR5_CH4	Waste	MUS	Mauritius	0.26767965
GWP_100_AR5_CH4	Waste	MWI	Malawi	0.3325003
GWP_100_AR5_CH4	Waste	MYS	Malaysia	1.3070291
GWP_100_AR5_CH4	Waste	NAM	Namibia	0.04061635
GWP_100_AR5_CH4	Waste	NCL	New Caledonia	0.01230054
GWP_100_AR5_CH4	Waste	NER	Niger	0.45977213
GWP_100_AR5_CH4	Waste	NGA	Nigeria	4.97749946
GWP_100_AR5_CH4	Waste	NIC	Nicaragua	0.3326126
GWP_100_AR5_CH4	Waste	NLD	Netherlands	14.472826
GWP_100_AR5_CH4	Waste	NOR	Norway	2.8074226
GWP_100_AR5_CH4	Waste	NPL	Nepal	1.06353967
GWP_100_AR5_CH4	Waste	NZL	New Zealand	3.41374002
GWP_100_AR5_CH4	Waste	OMN	Oman	0.07104757
GWP_100_AR5_CH4	Waste	PAK	Pakistan	5.15403761
GWP_100_AR5_CH4	Waste	PAN	Panama	0.24583816
GWP_100_AR5_CH4	Waste	PER	Peru	2.5258998
GWP_100_AR5_CH4	Waste	PHL	Philippines	2.81811251
GWP_100_AR5_CH4	Waste	PLW	Palau	0.00155366
GWP_100_AR5_CH4	Waste	PNG	Papua New Guinea	0.28471136
GWP_100_AR5_CH4	Waste	POL	Poland	16.1993335
GWP_100_AR5_CH4	Waste	PRI	Puerto Rico	0.43855681
GWP_100_AR5_CH4	Waste	PRK	North Korea	2.45707317
GWP_100_AR5_CH4	Waste	PRT	Portugal	4.22336065
GWP_100_AR5_CH4	Waste	PRY	Paraguay	0.21013374
GWP_100_AR5_CH4	Waste	PYF	French Polynesia	0.0144216
GWP_100_AR5_CH4	Waste	QAT	Qatar	0.06065177
GWP_100_AR5_CH4	Waste	REU	Réunion	0.05540665
GWP_100_AR5_CH4	Waste	ROU	Romania	3.61299903
GWP_100_AR5_CH4	Waste	RUS	Russia	57.152635
GWP_100_AR5_CH4	Waste	RWA	Rwanda	0.41725276
GWP_100_AR5_CH4	Waste	SAU	Saudi Arabia	1.66338233
GWP_100_AR5_CH4	Waste	SCG	Serbia and Montenegro	1.58328224
GWP_100_AR5_CH4	Waste	SDN	Sudan and South Sudan	1.72906898
GWP_100_AR5_CH4	Waste	SEN	Senegal	0.40570808
GWP_100_AR5_CH4	Waste	SGP	Singapore	0.33158509
GWP_100_AR5_CH4	Waste	SHN	Saint Helena, Ascension and Tristan da Cunha	0.00061439
GWP_100_AR5_CH4	Waste	SLB	Solomon Islands	0.03008035
GWP_100_AR5_CH4	Waste	SLE	Sierra Leone	0.14538613
GWP_100_AR5_CH4	Waste	SLV	El Salvador	0.45259789

GWP_100_AR5_CH4	Waste	SOM	Somalia	0.47836156
GWP_100_AR5_CH4	Waste	SPM	Saint Pierre and Miquelon	0.0045377
GWP_100_AR5_CH4	Waste	STP	São Tomé and Príncipe	0.00476126
GWP_100_AR5_CH4	Waste	SUR	Suriname	0.09038171
GWP_100_AR5_CH4	Waste	SVK	Slovakia	2.77466187
GWP_100_AR5_CH4	Waste	SVN	Slovenia	0.70982071
GWP_100_AR5_CH4	Waste	SWE	Sweden	5.81350258
GWP_100_AR5_CH4	Waste	SWZ	Eswatini	0.18793818
GWP_100_AR5_CH4	Waste	SYC	Seychelles	0.01640474
GWP_100_AR5_CH4	Waste	SYR	Syria	0.86301836
GWP_100_AR5_CH4	Waste	TCA	Turks and Caicos Islands	0.00114681
GWP_100_AR5_CH4	Waste	TCD	Chad	0.38090499
GWP_100_AR5_CH4	Waste	TGO	Togo	0.23337489
GWP_100_AR5_CH4	Waste	THA	Thailand	5.03483566
GWP_100_AR5_CH4	Waste	TJK	Tajikistan	0.47558417
GWP_100_AR5_CH4	Waste	TKM	Turkmenistan	0.37368153
GWP_100_AR5_CH4	Waste	TLS	Timor-Leste	0.02530919
GWP_100_AR5_CH4	Waste	TON	Tonga	0.01741865
GWP_100_AR5_CH4	Waste	TTO	Trinidad and Tobago	0.83327186
GWP_100_AR5_CH4	Waste	TUN	Tunisia	0.63788063
GWP_100_AR5_CH4	Waste	TUR	Türkiye	2.80782679
GWP_100_AR5_CH4	Waste	TWN	Taiwan	1.54996713
GWP_100_AR5_CH4	Waste	TZA	Tanzania	0.38123747
GWP_100_AR5_CH4	Waste	UGA	Uganda	0.30851628
GWP_100_AR5_CH4	Waste	UKR	Ukraine	4.88873653
GWP_100_AR5_CH4	Waste	URY	Uruguay	0.25236438
GWP_100_AR5_CH4	Waste	USA	United States	208.82907
GWP_100_AR5_CH4	Waste	UZB	Uzbekistan	1.81141457
GWP_100_AR5_CH4	Waste	VCT	Saint Vincent and the Grenadines	0.01282126
GWP_100_AR5_CH4	Waste	VEN	Venezuela	2.38649067
GWP_100_AR5_CH4	Waste	VGB	British Virgin Islands	0.0005931
GWP_100_AR5_CH4	Waste	VNM	Viet Nam	3.05707677
GWP_100_AR5_CH4	Waste	VUT	Vanuatu	0.01578466
GWP_100_AR5_CH4	Waste	WSM	Samoa	0.01997719
GWP_100_AR5_CH4	Waste	YEM	Yemen	0.49786154
GWP_100_AR5_CH4	Waste	ZAF	South Africa	4.5538938
GWP_100_AR5_CH4	Waste	ZMB	Zambia	0.16391886
GWP_100_AR5_CH4	Waste	ZWE	Zimbabwe	0.28002673
GWP_100_AR5_F-gase Processes		AFG	Afghanistan	0
GWP_100_AR5_F-gase Processes		AGO	Angola	0
GWP_100_AR5_F-gase Processes		ALB	Albania	0
GWP_100_AR5_F-gase Processes		ARE	United Arab Emirates	0.15698
GWP_100_AR5_F-gase Processes		ARG	Argentina	0.00047
GWP_100_AR5_F-gase Processes		ARM	Armenia	0.1578528
GWP_100_AR5_F-gase Processes		ATG	Antigua and Barbuda	0
GWP_100_AR5_F-gase Processes		AUS	Australia	1.86975777
GWP_100_AR5_F-gase Processes		AUT	Austria	0.69401511
GWP_100_AR5_F-gase Processes		AZE	Azerbaijan	0.212505
GWP_100_AR5_F-gase Processes		BDI	Burundi	0
GWP_100_AR5_F-gase Processes		BEL	Belgium	0.01335507
GWP_100_AR5_F-gase Processes		BEN	Benin	0



GWP_100_AR5_F-gase Processes	BFA	Burkina Faso	0
GWP_100_AR5_F-gase Processes	BGD	Bangladesh	0
GWP_100_AR5_F-gase Processes	BGR	Bulgaria	0
GWP_100_AR5_F-gase Processes	BHR	Bahrain	0
GWP_100_AR5_F-gase Processes	BIH	Bosnia and Herzegovina	0.1425144
GWP_100_AR5_F-gase Processes	BLR	Belarus	0
GWP_100_AR5_F-gase Processes	BOL	Bolivia	0
GWP_100_AR5_F-gase Processes	BRA	Brazil	0.80985523
GWP_100_AR5_F-gase Processes	BRN	Brunei	0
GWP_100_AR5_F-gase Processes	BWA	Botswana	0
GWP_100_AR5_F-gase Processes	CAF	Central African Republic	0
GWP_100_AR5_F-gase Processes	CAN	Canada	11.0393609
GWP_100_AR5_F-gase Processes	CHE	Switzerland and Liechtenst	0.5135014
GWP_100_AR5_F-gase Processes	CHL	Chile	0.001175
GWP_100_AR5_F-gase Processes	CHN	China	1.02050306
GWP_100_AR5_F-gase Processes	CIV	Côte d'Ivoire	0
GWP_100_AR5_F-gase Processes	CMR	Cameroon	0.4923504
GWP_100_AR5_F-gase Processes	COD	Democratic Republic of the	0
GWP_100_AR5_F-gase Processes	COG	Congo	0
GWP_100_AR5_F-gase Processes	COL	Colombia	0.006815
GWP_100_AR5_F-gase Processes	COM	Comoros	0
GWP_100_AR5_F-gase Processes	CRI	Costa Rica	0
GWP_100_AR5_F-gase Processes	CUB	Cuba	0
GWP_100_AR5_F-gase Processes	CYP	Cyprus	0
GWP_100_AR5_F-gase Processes	CZE	Czechia	0.0023641
GWP_100_AR5_F-gase Processes	DEU	Germany	5.07696282
GWP_100_AR5_F-gase Processes	DNK	Denmark	0.00656364
GWP_100_AR5_F-gase Processes	DOM	Dominican Republic	0
GWP_100_AR5_F-gase Processes	DZA	Algeria	0.00517
GWP_100_AR5_F-gase Processes	ECU	Ecuador	0
GWP_100_AR5_F-gase Processes	EGY	Egypt	0.384225
GWP_100_AR5_F-gase Processes	ESP	Spain and Andorra	2.08686933
GWP_100_AR5_F-gase Processes	EST	Estonia	0.00118205
GWP_100_AR5_F-gase Processes	ETH	Ethiopia	0
GWP_100_AR5_F-gase Processes	FIN	Finland	0.00931441
GWP_100_AR5_F-gase Processes	FJI	Fiji	0
GWP_100_AR5_F-gase Processes	FRA	France and Monaco	5.22642237
GWP_100_AR5_F-gase Processes	GAB	Gabon	0
GWP_100_AR5_F-gase Processes	GBR	United Kingdom	4.81741798
GWP_100_AR5_F-gase Processes	GEO	Georgia	0
GWP_100_AR5_F-gase Processes	GHA	Ghana	0.449853
GWP_100_AR5_F-gase Processes	GIN	Guinea	0
GWP_100_AR5_F-gase Processes	GNQ	Equatorial Guinea	0
GWP_100_AR5_F-gase Processes	GRC	Greece	1.51737036
GWP_100_AR5_F-gase Processes	GRD	Grenada	0.001175
GWP_100_AR5_F-gase Processes	GTM	Guatemala	0
GWP_100_AR5_F-gase Processes	HKG	Hong Kong	0.128075
GWP_100_AR5_F-gase Processes	HND	Honduras	0
GWP_100_AR5_F-gase Processes	HRV	Croatia	0.178143
GWP_100_AR5_F-gase Processes	HUN	Hungary	0.62849154
GWP_100_AR5_F-gase Processes	IDN	Indonesia	0.043945

GWP_100_AR5_F-gase Processes	IND	India	2.46229315
GWP_100_AR5_F-gase Processes	IRL	Ireland	0.00468958
GWP_100_AR5_F-gase Processes	IRN	Iran	0.59502
GWP_100_AR5_F-gase Processes	IRQ	Iraq	0.21855
GWP_100_AR5_F-gase Processes	ISL	Iceland	0.48158463
GWP_100_AR5_F-gase Processes	ISR	Israel and Palestine, State	0.02867
GWP_100_AR5_F-gase Processes	ITA	Italy, San Marino and the H	2.08892571
GWP_100_AR5_F-gase Processes	JAM	Jamaica	0
GWP_100_AR5_F-gase Processes	JOR	Jordan	0
GWP_100_AR5_F-gase Processes	JPN	Japan	10.5656348
GWP_100_AR5_F-gase Processes	KAZ	Kazakhstan	0
GWP_100_AR5_F-gase Processes	KEN	Kenya	0
GWP_100_AR5_F-gase Processes	KGZ	Kyrgyzstan	0
GWP_100_AR5_F-gase Processes	KHM	Cambodia	0
GWP_100_AR5_F-gase Processes	KNA	Saint Kitts and Nevis	0
GWP_100_AR5_F-gase Processes	KOR	South Korea	0.1189895
GWP_100_AR5_F-gase Processes	KWT	Kuwait	0.17108
GWP_100_AR5_F-gase Processes	LBN	Lebanon	0
GWP_100_AR5_F-gase Processes	LBR	Liberia	0
GWP_100_AR5_F-gase Processes	LBY	Libya	0.14288
GWP_100_AR5_F-gase Processes	LCA	Saint Lucia	0
GWP_100_AR5_F-gase Processes	LKA	Sri Lanka	0
GWP_100_AR5_F-gase Processes	LTU	Lithuania	0
GWP_100_AR5_F-gase Processes	LUX	Luxembourg	0
GWP_100_AR5_F-gase Processes	LVA	Latvia	0
GWP_100_AR5_F-gase Processes	MAR	Morocco	0
GWP_100_AR5_F-gase Processes	MDA	Moldova	0
GWP_100_AR5_F-gase Processes	MDG	Madagascar	0
GWP_100_AR5_F-gase Processes	MEX	Mexico	0.333329
GWP_100_AR5_F-gase Processes	MKD	North Macedonia	0
GWP_100_AR5_F-gase Processes	MLI	Mali	0
GWP_100_AR5_F-gase Processes	MLT	Malta	0
GWP_100_AR5_F-gase Processes	MMR	Myanmar/Burma	0
GWP_100_AR5_F-gase Processes	MOZ	Mozambique	0
GWP_100_AR5_F-gase Processes	MRT	Mauritania	0
GWP_100_AR5_F-gase Processes	MUS	Mauritius	0
GWP_100_AR5_F-gase Processes	MWI	Malawi	0
GWP_100_AR5_F-gase Processes	MYS	Malaysia	0.000047
GWP_100_AR5_F-gase Processes	NAM	Namibia	0
GWP_100_AR5_F-gase Processes	NER	Niger	0
GWP_100_AR5_F-gase Processes	NGA	Nigeria	0.00564
GWP_100_AR5_F-gase Processes	NIC	Nicaragua	0
GWP_100_AR5_F-gase Processes	NLD	Netherlands	2.6830741
GWP_100_AR5_F-gase Processes	NOR	Norway	5.35822038
GWP_100_AR5_F-gase Processes	NZL	New Zealand	0.00592924
GWP_100_AR5_F-gase Processes	OMN	Oman	0
GWP_100_AR5_F-gase Processes	PAK	Pakistan	0.129955
GWP_100_AR5_F-gase Processes	PAN	Panama	0
GWP_100_AR5_F-gase Processes	PER	Peru	0
GWP_100_AR5_F-gase Processes	PHL	Philippines	0.18424
GWP_100_AR5_F-gase Processes	PNG	Papua New Guinea	0

GWP_100_AR5_F-gase Processes	POL	Poland	0.9588928
GWP_100_AR5_F-gase Processes	PRK	North Korea	0
GWP_100_AR5_F-gase Processes	PRT	Portugal	0.00585131
GWP_100_AR5_F-gase Processes	PRY	Paraguay	0
GWP_100_AR5_F-gase Processes	QAT	Qatar	0
GWP_100_AR5_F-gase Processes	ROU	Romania	1.28635655
GWP_100_AR5_F-gase Processes	RUS	Russia	18.8886261
GWP_100_AR5_F-gase Processes	RWA	Rwanda	0
GWP_100_AR5_F-gase Processes	SAU	Saudi Arabia	0.329235
GWP_100_AR5_F-gase Processes	SCG	Serbia and Montenegro	0.1755981
GWP_100_AR5_F-gase Processes	SDN	Sudan and South Sudan	0
GWP_100_AR5_F-gase Processes	SEN	Senegal	0
GWP_100_AR5_F-gase Processes	SGP	Singapore	0.079007
GWP_100_AR5_F-gase Processes	SLE	Sierra Leone	0
GWP_100_AR5_F-gase Processes	SLV	El Salvador	0
GWP_100_AR5_F-gase Processes	SOM	Somalia	0
GWP_100_AR5_F-gase Processes	SUR	Suriname	0.51678
GWP_100_AR5_F-gase Processes	SVK	Slovakia	0.0715176
GWP_100_AR5_F-gase Processes	SVN	Slovenia	0.08358497
GWP_100_AR5_F-gase Processes	SWE	Sweden	0.63561243
GWP_100_AR5_F-gase Processes	SYR	Syria	0
GWP_100_AR5_F-gase Processes	TCD	Chad	0
GWP_100_AR5_F-gase Processes	TGO	Togo	0
GWP_100_AR5_F-gase Processes	THA	Thailand	0.20539
GWP_100_AR5_F-gase Processes	TJK	Tajikistan	1.240272
GWP_100_AR5_F-gase Processes	TKM	Turkmenistan	0
GWP_100_AR5_F-gase Processes	TTO	Trinidad and Tobago	0
GWP_100_AR5_F-gase Processes	TUN	Tunisia	0
GWP_100_AR5_F-gase Processes	TUR	Türkiye	0.62399787
GWP_100_AR5_F-gase Processes	TWN	Taiwan	0.000376
GWP_100_AR5_F-gase Processes	UKR	Ukraine	0.1182357
GWP_100_AR5_F-gase Processes	URY	Uruguay	0
GWP_100_AR5_F-gase Processes	USA	United States	64.6852286
GWP_100_AR5_F-gase Processes	UZB	Uzbekistan	0
GWP_100_AR5_F-gase Processes	VCT	Saint Vincent and the Grer	0
GWP_100_AR5_F-gase Processes	VEN	Venezuela	0.0995337
GWP_100_AR5_F-gase Processes	VNM	Viet Nam	0
GWP_100_AR5_F-gase Processes	YEM	Yemen	0
GWP_100_AR5_F-gase Processes	ZAF	South Africa	0.058045
GWP_100_AR5_F-gase Processes	ZMB	Zambia	0
GWP_100_AR5_F-gase Processes	ZWE	Zimbabwe	0
GWP_100_AR5_N2O Agriculture	ABW	Aruba	
GWP_100_AR5_N2O Agriculture	AFG	Afghanistan	2.43775667
GWP_100_AR5_N2O Agriculture	AGO	Angola	1.19511185
GWP_100_AR5_N2O Agriculture	ALB	Albania	0.581083
GWP_100_AR5_N2O Agriculture	ANT	Curaçao	0.0038603
GWP_100_AR5_N2O Agriculture	ARE	United Arab Emirates	0.04887339
GWP_100_AR5_N2O Agriculture	ARG	Argentina	21.6477792
GWP_100_AR5_N2O Agriculture	ARM	Armenia	0.31071632
GWP_100_AR5_N2O Agriculture	ATG	Antigua and Barbuda	0.00476635
GWP_100_AR5_N2O Agriculture	AUS	Australia	28.1133888

GWP_100_AR5_N2O	Agriculture	AUT	Austria	2.29694202
GWP_100_AR5_N2O	Agriculture	AZE	Azerbaijan	0.94140088
GWP_100_AR5_N2O	Agriculture	BDI	Burundi	0.32400423
GWP_100_AR5_N2O	Agriculture	BEL	Belgium	2.43073125
GWP_100_AR5_N2O	Agriculture	BEN	Benin	0.33171491
GWP_100_AR5_N2O	Agriculture	BFA	Burkina Faso	1.26688461
GWP_100_AR5_N2O	Agriculture	BGD	Bangladesh	6.68530627
GWP_100_AR5_N2O	Agriculture	BGR	Bulgaria	3.97428007
GWP_100_AR5_N2O	Agriculture	BHR	Bahrain	0.00326522
GWP_100_AR5_N2O	Agriculture	BHS	Bahamas	0.0063701
GWP_100_AR5_N2O	Agriculture	BIH	Bosnia and Herzegovina	0.61983197
GWP_100_AR5_N2O	Agriculture	BLR	Belarus	6.44329236
GWP_100_AR5_N2O	Agriculture	BLZ	Belize	0.04948664
GWP_100_AR5_N2O	Agriculture	BMU	Bermuda	0.00092486
GWP_100_AR5_N2O	Agriculture	BOL	Bolivia	1.51633803
GWP_100_AR5_N2O	Agriculture	BRA	Brazil	37.1178553
GWP_100_AR5_N2O	Agriculture	BRB	Barbados	0.02104644
GWP_100_AR5_N2O	Agriculture	BRN	Brunei	0.06136761
GWP_100_AR5_N2O	Agriculture	BTN	Bhutan	0.05266333
GWP_100_AR5_N2O	Agriculture	BWA	Botswana	0.85785503
GWP_100_AR5_N2O	Agriculture	CAF	Central African Republic	0.31335207
GWP_100_AR5_N2O	Agriculture	CAN	Canada	8.69983002
GWP_100_AR5_N2O	Agriculture	CHE	Switzerland and Liechtenst	1.52799634
GWP_100_AR5_N2O	Agriculture	CHL	Chile	2.74599518
GWP_100_AR5_N2O	Agriculture	CHN	China	93.2478657
GWP_100_AR5_N2O	Agriculture	CIV	Côte d'Ivoire	0.48567726
GWP_100_AR5_N2O	Agriculture	CMR	Cameroon	1.21802973
GWP_100_AR5_N2O	Agriculture	COD	Democratic Republic of the	0.89676306
GWP_100_AR5_N2O	Agriculture	COG	Congo	0.09734029
GWP_100_AR5_N2O	Agriculture	COK	Cook Islands	0.00169655
GWP_100_AR5_N2O	Agriculture	COL	Colombia	9.05519931
GWP_100_AR5_N2O	Agriculture	COM	Comoros	0.02884442
GWP_100_AR5_N2O	Agriculture	CPV	Cabo Verde	0.01335379
GWP_100_AR5_N2O	Agriculture	CRI	Costa Rica	0.84045464
GWP_100_AR5_N2O	Agriculture	CUB	Cuba	5.46846951
GWP_100_AR5_N2O	Agriculture	CYM	Cayman Islands	0.00136004
GWP_100_AR5_N2O	Agriculture	CYP	Cyprus	0.18680601
GWP_100_AR5_N2O	Agriculture	CZE	Czechia	5.31832522
GWP_100_AR5_N2O	Agriculture	DEU	Germany	27.1029632
GWP_100_AR5_N2O	Agriculture	DJI	Djibouti	0.05414235
GWP_100_AR5_N2O	Agriculture	DMA	Dominica	0.0029593
GWP_100_AR5_N2O	Agriculture	DNK	Denmark	4.78102518
GWP_100_AR5_N2O	Agriculture	DOM	Dominican Republic	0.79505251
GWP_100_AR5_N2O	Agriculture	DZA	Algeria	1.47330968
GWP_100_AR5_N2O	Agriculture	ECU	Ecuador	1.47127352
GWP_100_AR5_N2O	Agriculture	EGY	Egypt	3.7575812
GWP_100_AR5_N2O	Agriculture	ERI	Eritrea	0.77555012
GWP_100_AR5_N2O	Agriculture	ESH	Western Sahara	0.01871831
GWP_100_AR5_N2O	Agriculture	ESP	Spain and Andorra	8.05274438
GWP_100_AR5_N2O	Agriculture	EST	Estonia	0.71491674
GWP_100_AR5_N2O	Agriculture	ETH	Ethiopia	11.7428389

GWP_100_AR5_N2O	Agriculture	FIN	Finland	2.55782945
GWP_100_AR5_N2O	Agriculture	FJI	Fiji	0.11004653
GWP_100_AR5_N2O	Agriculture	FLK	Falkland Islands	0.03948606
GWP_100_AR5_N2O	Agriculture	FRA	France and Monaco	25.3703787
GWP_100_AR5_N2O	Agriculture	FRO	Faroes	0.00558123
GWP_100_AR5_N2O	Agriculture	GAB	Gabon	0.02461249
GWP_100_AR5_N2O	Agriculture	GBR	United Kingdom	16.661344
GWP_100_AR5_N2O	Agriculture	GEO	Georgia	0.5468862
GWP_100_AR5_N2O	Agriculture	GHA	Ghana	0.56394254
GWP_100_AR5_N2O	Agriculture	GIN	Guinea	0.50412112
GWP_100_AR5_N2O	Agriculture	GLP	Guadeloupe	0.03649184
GWP_100_AR5_N2O	Agriculture	GMB	The Gambia	0.10402319
GWP_100_AR5_N2O	Agriculture	GNB	Guinea-Bissau	0.12312131
GWP_100_AR5_N2O	Agriculture	GNQ	Equatorial Guinea	0.0045293
GWP_100_AR5_N2O	Agriculture	GRC	Greece	2.84424464
GWP_100_AR5_N2O	Agriculture	GRD	Grenada	0.00451387
GWP_100_AR5_N2O	Agriculture	GRL	Greenland	0.00196442
GWP_100_AR5_N2O	Agriculture	GTM	Guatemala	0.91371875
GWP_100_AR5_N2O	Agriculture	GUF	French Guiana	0.00347318
GWP_100_AR5_N2O	Agriculture	GUY	Guyana	1.31130842
GWP_100_AR5_N2O	Agriculture	HKG	Hong Kong	0.03360835
GWP_100_AR5_N2O	Agriculture	HND	Honduras	1.15928563
GWP_100_AR5_N2O	Agriculture	HRV	Croatia	1.64835264
GWP_100_AR5_N2O	Agriculture	HTI	Haiti	0.76131285
GWP_100_AR5_N2O	Agriculture	HUN	Hungary	4.81830633
GWP_100_AR5_N2O	Agriculture	IDN	Indonesia	32.3439724
GWP_100_AR5_N2O	Agriculture	IND	India	51.7116677
GWP_100_AR5_N2O	Agriculture	IRL	Ireland	4.25332838
GWP_100_AR5_N2O	Agriculture	IRN	Iran	6.59501382
GWP_100_AR5_N2O	Agriculture	IRQ	Iraq	2.00462917
GWP_100_AR5_N2O	Agriculture	ISL	Iceland	0.23420039
GWP_100_AR5_N2O	Agriculture	ISR	Israel and Palestine, State	0.36333336
GWP_100_AR5_N2O	Agriculture	ITA	Italy, San Marino and the H	10.0730658
GWP_100_AR5_N2O	Agriculture	JAM	Jamaica	0.17165072
GWP_100_AR5_N2O	Agriculture	JOR	Jordan	0.11713822
GWP_100_AR5_N2O	Agriculture	JPN	Japan	7.29197811
GWP_100_AR5_N2O	Agriculture	KAZ	Kazakhstan	13.3161407
GWP_100_AR5_N2O	Agriculture	KEN	Kenya	4.19474831
GWP_100_AR5_N2O	Agriculture	KGZ	Kyrgyzstan	1.52091713
GWP_100_AR5_N2O	Agriculture	KHM	Cambodia	1.61990685
GWP_100_AR5_N2O	Agriculture	KIR	Kiribati	0.00156553
GWP_100_AR5_N2O	Agriculture	KNA	Saint Kitts and Nevis	0.00491624
GWP_100_AR5_N2O	Agriculture	KOR	South Korea	3.000243
GWP_100_AR5_N2O	Agriculture	KWT	Kuwait	0.01951791
GWP_100_AR5_N2O	Agriculture	LAO	Laos	0.59781652
GWP_100_AR5_N2O	Agriculture	LBN	Lebanon	0.3032058
GWP_100_AR5_N2O	Agriculture	LBR	Liberia	0.0519484
GWP_100_AR5_N2O	Agriculture	LBY	Libya	0.30140214
GWP_100_AR5_N2O	Agriculture	LCA	Saint Lucia	0.00661057
GWP_100_AR5_N2O	Agriculture	LKA	Sri Lanka	0.72625936
GWP_100_AR5_N2O	Agriculture	LSO	Lesotho	0.39797208

GWP_100_AR5_N2O	Agriculture	LTU	Lithuania	1.90560882
GWP_100_AR5_N2O	Agriculture	LUX	Luxembourg	0.14244409
GWP_100_AR5_N2O	Agriculture	LVA	Latvia	1.53593268
GWP_100_AR5_N2O	Agriculture	MAC	Macao	0.00061866
GWP_100_AR5_N2O	Agriculture	MAR	Morocco	3.30267575
GWP_100_AR5_N2O	Agriculture	MDA	Moldova	0.71965122
GWP_100_AR5_N2O	Agriculture	MDG	Madagascar	4.08970682
GWP_100_AR5_N2O	Agriculture	MDV	Maldives	0.00041276
GWP_100_AR5_N2O	Agriculture	MEX	Mexico	15.0982337
GWP_100_AR5_N2O	Agriculture	MKD	North Macedonia	0.69033004
GWP_100_AR5_N2O	Agriculture	MLI	Mali	2.55739666
GWP_100_AR5_N2O	Agriculture	MLT	Malta	0.01389632
GWP_100_AR5_N2O	Agriculture	MMR	Myanmar/Burma	4.25252154
GWP_100_AR5_N2O	Agriculture	MNG	Mongolia	2.36582246
GWP_100_AR5_N2O	Agriculture	MOZ	Mozambique	0.67319822
GWP_100_AR5_N2O	Agriculture	MRT	Mauritania	1.17893047
GWP_100_AR5_N2O	Agriculture	MTQ	Martinique	0.02579002
GWP_100_AR5_N2O	Agriculture	MUS	Mauritius	0.08966443
GWP_100_AR5_N2O	Agriculture	MWI	Malawi	0.34116452
GWP_100_AR5_N2O	Agriculture	MYS	Malaysia	4.98678159
GWP_100_AR5_N2O	Agriculture	NAM	Namibia	1.51671273
GWP_100_AR5_N2O	Agriculture	NCL	New Caledonia	0.06073956
GWP_100_AR5_N2O	Agriculture	NER	Niger	2.41397502
GWP_100_AR5_N2O	Agriculture	NGA	Nigeria	5.50038815
GWP_100_AR5_N2O	Agriculture	NIC	Nicaragua	2.13913163
GWP_100_AR5_N2O	Agriculture	NLD	Netherlands	5.24973438
GWP_100_AR5_N2O	Agriculture	NOR	Norway	1.02923709
GWP_100_AR5_N2O	Agriculture	NPL	Nepal	1.41671199
GWP_100_AR5_N2O	Agriculture	NZL	New Zealand	7.57525668
GWP_100_AR5_N2O	Agriculture	OMN	Oman	0.04962743
GWP_100_AR5_N2O	Agriculture	PAK	Pakistan	8.15879362
GWP_100_AR5_N2O	Agriculture	PAN	Panama	0.48548873
GWP_100_AR5_N2O	Agriculture	PER	Peru	3.29795648
GWP_100_AR5_N2O	Agriculture	PHL	Philippines	4.54324636
GWP_100_AR5_N2O	Agriculture	PLW	Palau	
GWP_100_AR5_N2O	Agriculture	PNG	Papua New Guinea	0.12421812
GWP_100_AR5_N2O	Agriculture	POL	Poland	17.8982835
GWP_100_AR5_N2O	Agriculture	PRI	Puerto Rico	0.2383184
GWP_100_AR5_N2O	Agriculture	PRK	North Korea	1.89928043
GWP_100_AR5_N2O	Agriculture	PRT	Portugal	1.96386509
GWP_100_AR5_N2O	Agriculture	PRY	Paraguay	1.59894522
GWP_100_AR5_N2O	Agriculture	PYF	French Polynesia	0.00820286
GWP_100_AR5_N2O	Agriculture	QAT	Qatar	0.00850526
GWP_100_AR5_N2O	Agriculture	REU	Réunion	0.02862364
GWP_100_AR5_N2O	Agriculture	ROU	Romania	7.7264084
GWP_100_AR5_N2O	Agriculture	RUS	Russia	50.7391811
GWP_100_AR5_N2O	Agriculture	RWA	Rwanda	0.30583954
GWP_100_AR5_N2O	Agriculture	SAU	Saudi Arabia	0.3291674
GWP_100_AR5_N2O	Agriculture	SCG	Serbia and Montenegro	2.84493845
GWP_100_AR5_N2O	Agriculture	SDN	Sudan and South Sudan	7.14772387
GWP_100_AR5_N2O	Agriculture	SEN	Senegal	1.19186765

GWP_100_AR5_N2O	Agriculture	SGP	Singapore	0.05329944
GWP_100_AR5_N2O	Agriculture	SHN	Saint Helena, Ascension and Tristan da Cunha	0.0006335
GWP_100_AR5_N2O	Agriculture	SLB	Solomon Islands	0.00909258
GWP_100_AR5_N2O	Agriculture	SLE	Sierra Leone	0.13804677
GWP_100_AR5_N2O	Agriculture	SLV	El Salvador	0.93713195
GWP_100_AR5_N2O	Agriculture	SOM	Somalia	3.52371324
GWP_100_AR5_N2O	Agriculture	SPM	Saint Pierre and Miquelon	
GWP_100_AR5_N2O	Agriculture	STP	São Tomé and Príncipe	0.00228953
GWP_100_AR5_N2O	Agriculture	SUR	Suriname	0.060095
GWP_100_AR5_N2O	Agriculture	SVK	Slovakia	1.37720085
GWP_100_AR5_N2O	Agriculture	SVN	Slovenia	0.7293228
GWP_100_AR5_N2O	Agriculture	SWE	Sweden	3.94123598
GWP_100_AR5_N2O	Agriculture	SWZ	Eswatini	0.32266165
GWP_100_AR5_N2O	Agriculture	SYC	Seychelles	0.00190836
GWP_100_AR5_N2O	Agriculture	SYR	Syria	0.89527267
GWP_100_AR5_N2O	Agriculture	TCA	Turks and Caicos Islands	
GWP_100_AR5_N2O	Agriculture	TCD	Chad	1.97557444
GWP_100_AR5_N2O	Agriculture	TGO	Togo	0.17934027
GWP_100_AR5_N2O	Agriculture	THA	Thailand	6.58972843
GWP_100_AR5_N2O	Agriculture	TJK	Tajikistan	0.93519105
GWP_100_AR5_N2O	Agriculture	TKM	Turkmenistan	1.24510524
GWP_100_AR5_N2O	Agriculture	TLS	Timor-Leste	0.13064594
GWP_100_AR5_N2O	Agriculture	TON	Tonga	0.0067242
GWP_100_AR5_N2O	Agriculture	TTO	Trinidad and Tobago	0.08859688
GWP_100_AR5_N2O	Agriculture	TUN	Tunisia	0.72475355
GWP_100_AR5_N2O	Agriculture	TUR	Türkiye	10.6806978
GWP_100_AR5_N2O	Agriculture	TWN	Taiwan	1.69122393
GWP_100_AR5_N2O	Agriculture	TZA	Tanzania	4.16112936
GWP_100_AR5_N2O	Agriculture	UGA	Uganda	2.0109291
GWP_100_AR5_N2O	Agriculture	UKR	Ukraine	19.2412173
GWP_100_AR5_N2O	Agriculture	URY	Uruguay	4.34817764
GWP_100_AR5_N2O	Agriculture	USA	United States	104.441973
GWP_100_AR5_N2O	Agriculture	UZB	Uzbekistan	6.00679508
GWP_100_AR5_N2O	Agriculture	VCT	Saint Vincent and the Grenadines	0.00475639
GWP_100_AR5_N2O	Agriculture	VEN	Venezuela	3.43628417
GWP_100_AR5_N2O	Agriculture	VGB	British Virgin Islands	0.00199755
GWP_100_AR5_N2O	Agriculture	VNM	Viet Nam	3.99406635
GWP_100_AR5_N2O	Agriculture	VUT	Vanuatu	0.04402462
GWP_100_AR5_N2O	Agriculture	WSM	Samoa	0.01452733
GWP_100_AR5_N2O	Agriculture	YEM	Yemen	0.80752256
GWP_100_AR5_N2O	Agriculture	ZAF	South Africa	8.90282266
GWP_100_AR5_N2O	Agriculture	ZMB	Zambia	3.98840616
GWP_100_AR5_N2O	Agriculture	ZWE	Zimbabwe	2.81670915
GWP_100_AR5_N2O	Buildings	ABW	Aruba	2.2811E-05
GWP_100_AR5_N2O	Buildings	AFG	Afghanistan	0.00356896
GWP_100_AR5_N2O	Buildings	AGO	Angola	0.09029422
GWP_100_AR5_N2O	Buildings	AIA	Anguilla	2.4816E-08
GWP_100_AR5_N2O	Buildings	ALB	Albania	0.01907407
GWP_100_AR5_N2O	Buildings	ANT	Curaçao	0.00041406
GWP_100_AR5_N2O	Buildings	ARE	United Arab Emirates	
GWP_100_AR5_N2O	Buildings	ARG	Argentina	0.29276904

GWP_100_AR5_N2O	Buildings	ARM	Armenia	0.05374892
GWP_100_AR5_N2O	Buildings	ATG	Antigua and Barbuda	5.6385E-05
GWP_100_AR5_N2O	Buildings	AUS	Australia	0.38147228
GWP_100_AR5_N2O	Buildings	AUT	Austria	0.07028921
GWP_100_AR5_N2O	Buildings	AZE	Azerbaijan	0.15138768
GWP_100_AR5_N2O	Buildings	BDI	Burundi	0.05400056
GWP_100_AR5_N2O	Buildings	BEL	Belgium	0.19044535
GWP_100_AR5_N2O	Buildings	BEN	Benin	0.03607732
GWP_100_AR5_N2O	Buildings	BFA	Burkina Faso	0.0939528
GWP_100_AR5_N2O	Buildings	BGD	Bangladesh	0.81892721
GWP_100_AR5_N2O	Buildings	BGR	Bulgaria	0.071452
GWP_100_AR5_N2O	Buildings	BHR	Bahrain	7.0198E-05
GWP_100_AR5_N2O	Buildings	BHS	Bahamas	0.00073331
GWP_100_AR5_N2O	Buildings	BIH	Bosnia and Herzegovina	0.0170001
GWP_100_AR5_N2O	Buildings	BLR	Belarus	0.3207095
GWP_100_AR5_N2O	Buildings	BLZ	Belize	0.00044374
GWP_100_AR5_N2O	Buildings	BMU	Bermuda	7.6523E-05
GWP_100_AR5_N2O	Buildings	BOL	Bolivia	0.00779283
GWP_100_AR5_N2O	Buildings	BRA	Brazil	1.24609198
GWP_100_AR5_N2O	Buildings	BRB	Barbados	0.00017789
GWP_100_AR5_N2O	Buildings	BRN	Brunei	0.0007184
GWP_100_AR5_N2O	Buildings	BTN	Bhutan	0.0114429
GWP_100_AR5_N2O	Buildings	BWA	Botswana	0.00752858
GWP_100_AR5_N2O	Buildings	CAF	Central African Republic	0.02599738
GWP_100_AR5_N2O	Buildings	CAN	Canada	0.25949905
GWP_100_AR5_N2O	Buildings	CHE	Switzerland and Liechtenst	0.06677853
GWP_100_AR5_N2O	Buildings	CHL	Chile	0.05544237
GWP_100_AR5_N2O	Buildings	CHN	China	9.27529556
GWP_100_AR5_N2O	Buildings	CIV	Côte d'Ivoire	0.04746334
GWP_100_AR5_N2O	Buildings	CMR	Cameroon	0.09863415
GWP_100_AR5_N2O	Buildings	COD	Democratic Republic of the	0.18541063
GWP_100_AR5_N2O	Buildings	COG	Congo	0.00952911
GWP_100_AR5_N2O	Buildings	COK	Cook Islands	2.23E-05
GWP_100_AR5_N2O	Buildings	COL	Colombia	0.21556115
GWP_100_AR5_N2O	Buildings	COM	Comoros	0.00090619
GWP_100_AR5_N2O	Buildings	CPV	Cabo Verde	0.00133041
GWP_100_AR5_N2O	Buildings	CRI	Costa Rica	0.00472534
GWP_100_AR5_N2O	Buildings	CUB	Cuba	0.07506279
GWP_100_AR5_N2O	Buildings	CYM	Cayman Islands	1.4096E-05
GWP_100_AR5_N2O	Buildings	CYP	Cyprus	0.00044382
GWP_100_AR5_N2O	Buildings	CZE	Czechia	0.27873287
GWP_100_AR5_N2O	Buildings	DEU	Germany	1.23761365
GWP_100_AR5_N2O	Buildings	DJI	Djibouti	0.00142664
GWP_100_AR5_N2O	Buildings	DMA	Dominica	7.2935E-05
GWP_100_AR5_N2O	Buildings	DNK	Denmark	0.21111577
GWP_100_AR5_N2O	Buildings	DOM	Dominican Republic	0.02047699
GWP_100_AR5_N2O	Buildings	DZA	Algeria	0.03616668
GWP_100_AR5_N2O	Buildings	ECU	Ecuador	0.06826553
GWP_100_AR5_N2O	Buildings	EGY	Egypt	0.03039745
GWP_100_AR5_N2O	Buildings	ERI	Eritrea	0.01184972
GWP_100_AR5_N2O	Buildings	ESH	Western Sahara	9.4364E-05



GWP_100_AR5_N2O	Buildings	ESP	Spain and Andorra	0.48627336
GWP_100_AR5_N2O	Buildings	EST	Estonia	0.05210294
GWP_100_AR5_N2O	Buildings	ETH	Ethiopia	0.4064015
GWP_100_AR5_N2O	Buildings	FIN	Finland	0.33336769
GWP_100_AR5_N2O	Buildings	FJI	Fiji	0.00085191
GWP_100_AR5_N2O	Buildings	FLK	Falkland Islands	5.9747E-06
GWP_100_AR5_N2O	Buildings	FRA	France and Monaco	1.29779543
GWP_100_AR5_N2O	Buildings	FRO	Faroes	
GWP_100_AR5_N2O	Buildings	GAB	Gabon	0.01728966
GWP_100_AR5_N2O	Buildings	GBR	United Kingdom	0.6157686
GWP_100_AR5_N2O	Buildings	GEO	Georgia	0.04635631
GWP_100_AR5_N2O	Buildings	GHA	Ghana	0.07644006
GWP_100_AR5_N2O	Buildings	GIB	Gibraltar	1.5635E-08
GWP_100_AR5_N2O	Buildings	GIN	Guinea	0.11799674
GWP_100_AR5_N2O	Buildings	GLP	Guadeloupe	0.00017134
GWP_100_AR5_N2O	Buildings	GMB	The Gambia	0.00367752
GWP_100_AR5_N2O	Buildings	GNB	Guinea-Bissau	0.01267044
GWP_100_AR5_N2O	Buildings	GNQ	Equatorial Guinea	0.00368087
GWP_100_AR5_N2O	Buildings	GRC	Greece	0.1609385
GWP_100_AR5_N2O	Buildings	GRD	Grenada	6.0413E-06
GWP_100_AR5_N2O	Buildings	GRL	Greenland	
GWP_100_AR5_N2O	Buildings	GTM	Guatemala	0.07761741
GWP_100_AR5_N2O	Buildings	GUF	French Guiana	0.00015596
GWP_100_AR5_N2O	Buildings	GUY	Guyana	0.00295695
GWP_100_AR5_N2O	Buildings	HKG	Hong Kong	0.0023436
GWP_100_AR5_N2O	Buildings	HND	Honduras	0.04139786
GWP_100_AR5_N2O	Buildings	HRV	Croatia	0.02445178
GWP_100_AR5_N2O	Buildings	HTI	Haiti	0.0429025
GWP_100_AR5_N2O	Buildings	HUN	Hungary	0.2494822
GWP_100_AR5_N2O	Buildings	IDN	Indonesia	1.18673284
GWP_100_AR5_N2O	Buildings	IND	India	2.89287155
GWP_100_AR5_N2O	Buildings	IRL	Ireland	0.02236155
GWP_100_AR5_N2O	Buildings	IRN	Iran	0.19936468
GWP_100_AR5_N2O	Buildings	IRQ	Iraq	0.00522282
GWP_100_AR5_N2O	Buildings	ISL	Iceland	0.01971361
GWP_100_AR5_N2O	Buildings	ISR	Israel and Palestine, State	0.00319055
GWP_100_AR5_N2O	Buildings	ITA	Italy, San Marino and the H	0.4767408
GWP_100_AR5_N2O	Buildings	JAM	Jamaica	0.01581932
GWP_100_AR5_N2O	Buildings	JOR	Jordan	0.00076924
GWP_100_AR5_N2O	Buildings	JPN	Japan	0.43818223
GWP_100_AR5_N2O	Buildings	KAZ	Kazakhstan	0.29318616
GWP_100_AR5_N2O	Buildings	KEN	Kenya	0.11308041
GWP_100_AR5_N2O	Buildings	KGZ	Kyrgyzstan	0.00524397
GWP_100_AR5_N2O	Buildings	KHM	Cambodia	0.04861794
GWP_100_AR5_N2O	Buildings	KIR	Kiribati	2.7113E-05
GWP_100_AR5_N2O	Buildings	KNA	Saint Kitts and Nevis	8.055E-06
GWP_100_AR5_N2O	Buildings	KOR	South Korea	0.08240406
GWP_100_AR5_N2O	Buildings	KWT	Kuwait	0.00187857
GWP_100_AR5_N2O	Buildings	LAO	Laos	0.01961198
GWP_100_AR5_N2O	Buildings	LBN	Lebanon	0.00613167
GWP_100_AR5_N2O	Buildings	LBR	Liberia	0.02237143

GWP_100_AR5_N2O	Buildings	LBY	Libya	0.01005655
GWP_100_AR5_N2O	Buildings	LCA	Saint Lucia	6.4075E-05
GWP_100_AR5_N2O	Buildings	LKA	Sri Lanka	0.10501091
GWP_100_AR5_N2O	Buildings	LSO	Lesotho	0.07064664
GWP_100_AR5_N2O	Buildings	LTU	Lithuania	0.12628131
GWP_100_AR5_N2O	Buildings	LUX	Luxembourg	0.00606526
GWP_100_AR5_N2O	Buildings	LVA	Latvia	0.09005437
GWP_100_AR5_N2O	Buildings	MAC	Macao	0.00051089
GWP_100_AR5_N2O	Buildings	MAR	Morocco	0.07384094
GWP_100_AR5_N2O	Buildings	MDA	Moldova	0.03160497
GWP_100_AR5_N2O	Buildings	MDG	Madagascar	0.04350213
GWP_100_AR5_N2O	Buildings	MDV	Maldives	4.5129E-05
GWP_100_AR5_N2O	Buildings	MEX	Mexico	0.37338745
GWP_100_AR5_N2O	Buildings	MKD	North Macedonia	0.00215029
GWP_100_AR5_N2O	Buildings	MLI	Mali	0.03844884
GWP_100_AR5_N2O	Buildings	MLT	Malta	0.00019753
GWP_100_AR5_N2O	Buildings	MMR	Myanmar/Burma	0.24931167
GWP_100_AR5_N2O	Buildings	MNG	Mongolia	0.00629935
GWP_100_AR5_N2O	Buildings	MOZ	Mozambique	0.17400407
GWP_100_AR5_N2O	Buildings	MRT	Mauritania	0.01105999
GWP_100_AR5_N2O	Buildings	MTQ	Martinique	0.00016053
GWP_100_AR5_N2O	Buildings	MUS	Mauritius	0.00136346
GWP_100_AR5_N2O	Buildings	MWI	Malawi	0.04793707
GWP_100_AR5_N2O	Buildings	MYS	Malaysia	0.02685623
GWP_100_AR5_N2O	Buildings	NAM	Namibia	0.00660064
GWP_100_AR5_N2O	Buildings	NCL	New Caledonia	0.0011518
GWP_100_AR5_N2O	Buildings	NER	Niger	0.02880989
GWP_100_AR5_N2O	Buildings	NGA	Nigeria	1.32277595
GWP_100_AR5_N2O	Buildings	NIC	Nicaragua	0.02692182
GWP_100_AR5_N2O	Buildings	NLD	Netherlands	0.14528435
GWP_100_AR5_N2O	Buildings	NOR	Norway	0.01556758
GWP_100_AR5_N2O	Buildings	NPL	Nepal	0.29980154
GWP_100_AR5_N2O	Buildings	NZL	New Zealand	0.0285698
GWP_100_AR5_N2O	Buildings	OMN	Oman	0.00029753
GWP_100_AR5_N2O	Buildings	PAK	Pakistan	0.60186595
GWP_100_AR5_N2O	Buildings	PAN	Panama	0.0121947
GWP_100_AR5_N2O	Buildings	PER	Peru	0.1675073
GWP_100_AR5_N2O	Buildings	PHL	Philippines	0.25381287
GWP_100_AR5_N2O	Buildings	PLW	Palau	0.0066296
GWP_100_AR5_N2O	Buildings	PNG	Papua New Guinea	0.01707718
GWP_100_AR5_N2O	Buildings	POL	Poland	0.42400851
GWP_100_AR5_N2O	Buildings	PRI	Puerto Rico	0.01125889
GWP_100_AR5_N2O	Buildings	PRK	North Korea	0.07021774
GWP_100_AR5_N2O	Buildings	PRT	Portugal	0.10084949
GWP_100_AR5_N2O	Buildings	PRY	Paraguay	0.03313789
GWP_100_AR5_N2O	Buildings	PYF	French Polynesia	0.00017754
GWP_100_AR5_N2O	Buildings	QAT	Qatar	7.0045E-05
GWP_100_AR5_N2O	Buildings	REU	Réunion	0.00087785
GWP_100_AR5_N2O	Buildings	ROU	Romania	0.10526258
GWP_100_AR5_N2O	Buildings	RUS	Russia	4.9533843
GWP_100_AR5_N2O	Buildings	RWA	Rwanda	0.08578481

GWP_100_AR5_N2O	Buildings	SAU	Saudi Arabia	0.00100649
GWP_100_AR5_N2O	Buildings	SCG	Serbia and Montenegro	0.04407712
GWP_100_AR5_N2O	Buildings	SDN	Sudan and South Sudan	0.07624952
GWP_100_AR5_N2O	Buildings	SEN	Senegal	0.01836177
GWP_100_AR5_N2O	Buildings	SGP	Singapore	0.00106433
GWP_100_AR5_N2O	Buildings	SHN	Saint Helena, Ascension and Tristan da Cunha	7.0529E-08
GWP_100_AR5_N2O	Buildings	SLB	Solomon Islands	0.00035592
GWP_100_AR5_N2O	Buildings	SLE	Sierra Leone	0.0729266
GWP_100_AR5_N2O	Buildings	SLV	El Salvador	0.04848225
GWP_100_AR5_N2O	Buildings	SOM	Somalia	0.04914436
GWP_100_AR5_N2O	Buildings	SPM	Saint Pierre and Miquelon	2.3917E-05
GWP_100_AR5_N2O	Buildings	STP	São Tomé and Príncipe	0.00073138
GWP_100_AR5_N2O	Buildings	SUR	Suriname	0.00066731
GWP_100_AR5_N2O	Buildings	SVK	Slovakia	0.02284382
GWP_100_AR5_N2O	Buildings	SVN	Slovenia	0.01002572
GWP_100_AR5_N2O	Buildings	SWE	Sweden	0.1967511
GWP_100_AR5_N2O	Buildings	SWZ	Eswatini	0.02190289
GWP_100_AR5_N2O	Buildings	SYC	Seychelles	0.00017961
GWP_100_AR5_N2O	Buildings	SYR	Syria	0.02967073
GWP_100_AR5_N2O	Buildings	TCA	Turks and Caicos Islands	3.0368E-06
GWP_100_AR5_N2O	Buildings	TCD	Chad	0.04493387
GWP_100_AR5_N2O	Buildings	TGO	Togo	0.01379766
GWP_100_AR5_N2O	Buildings	THA	Thailand	0.3048492
GWP_100_AR5_N2O	Buildings	TJK	Tajikistan	0.01878447
GWP_100_AR5_N2O	Buildings	TKM	Turkmenistan	0.02233027
GWP_100_AR5_N2O	Buildings	TLS	Timor-Leste	0.00082873
GWP_100_AR5_N2O	Buildings	TON	Tonga	3.0353E-05
GWP_100_AR5_N2O	Buildings	TTO	Trinidad and Tobago	0.00089945
GWP_100_AR5_N2O	Buildings	TUN	Tunisia	0.04436829
GWP_100_AR5_N2O	Buildings	TUR	Türkiye	0.48410536
GWP_100_AR5_N2O	Buildings	TWN	Taiwan	0.04756066
GWP_100_AR5_N2O	Buildings	TZA	Tanzania	0.12497165
GWP_100_AR5_N2O	Buildings	UGA	Uganda	0.13276617
GWP_100_AR5_N2O	Buildings	UKR	Ukraine	1.07954959
GWP_100_AR5_N2O	Buildings	URY	Uruguay	0.03065462
GWP_100_AR5_N2O	Buildings	USA	United States	6.2028565
GWP_100_AR5_N2O	Buildings	UZB	Uzbekistan	0.04677542
GWP_100_AR5_N2O	Buildings	VCT	Saint Vincent and the Grenadines	7.9492E-05
GWP_100_AR5_N2O	Buildings	VEN	Venezuela	0.01314916
GWP_100_AR5_N2O	Buildings	VGB	British Virgin Islands	7.2446E-06
GWP_100_AR5_N2O	Buildings	VNM	Viet Nam	0.29107323
GWP_100_AR5_N2O	Buildings	VUT	Vanuatu	0.00016078
GWP_100_AR5_N2O	Buildings	WSM	Samoa	0.00030316
GWP_100_AR5_N2O	Buildings	YEM	Yemen	0.00141635
GWP_100_AR5_N2O	Buildings	ZAF	South Africa	0.47543705
GWP_100_AR5_N2O	Buildings	ZMB	Zambia	0.05915819
GWP_100_AR5_N2O	Buildings	ZWE	Zimbabwe	0.15677916
GWP_100_AR5_N2O	Fuel Exploitation	ABW	Aruba	1.5042E-06
GWP_100_AR5_N2O	Fuel Exploitation	AFG	Afghanistan	0.00184459
GWP_100_AR5_N2O	Fuel Exploitation	AGO	Angola	0.04565436
GWP_100_AR5_N2O	Fuel Exploitation	ALB	Albania	0.00150629

GWP_100_AR5_N2O	Fuel Exploitation	ANT	Curaçao	0.0152764
GWP_100_AR5_N2O	Fuel Exploitation	ARE	United Arab Emirates	0.06103949
GWP_100_AR5_N2O	Fuel Exploitation	ARG	Argentina	0.03673499
GWP_100_AR5_N2O	Fuel Exploitation	ARM	Armenia	
GWP_100_AR5_N2O	Fuel Exploitation	AUS	Australia	0.01897334
GWP_100_AR5_N2O	Fuel Exploitation	AUT	Austria	0.00155135
GWP_100_AR5_N2O	Fuel Exploitation	AZE	Azerbaijan	0.00090893
GWP_100_AR5_N2O	Fuel Exploitation	BDI	Burundi	0.00044472
GWP_100_AR5_N2O	Fuel Exploitation	BEL	Belgium	0.0025807
GWP_100_AR5_N2O	Fuel Exploitation	BEN	Benin	0.00383614
GWP_100_AR5_N2O	Fuel Exploitation	BFA	Burkina Faso	0.00072683
GWP_100_AR5_N2O	Fuel Exploitation	BGD	Bangladesh	0.00018244
GWP_100_AR5_N2O	Fuel Exploitation	BGR	Bulgaria	0.00252543
GWP_100_AR5_N2O	Fuel Exploitation	BHR	Bahrain	0.00143277
GWP_100_AR5_N2O	Fuel Exploitation	BHS	Bahamas	4.7295E-06
GWP_100_AR5_N2O	Fuel Exploitation	BIH	Bosnia and Herzegovina	0.00825114
GWP_100_AR5_N2O	Fuel Exploitation	BLR	Belarus	0.00355799
GWP_100_AR5_N2O	Fuel Exploitation	BLZ	Belize	6.5085E-06
GWP_100_AR5_N2O	Fuel Exploitation	BMU	Bermuda	
GWP_100_AR5_N2O	Fuel Exploitation	BOL	Bolivia	0.0032712
GWP_100_AR5_N2O	Fuel Exploitation	BRA	Brazil	0.12833891
GWP_100_AR5_N2O	Fuel Exploitation	BRB	Barbados	2.4371E-06
GWP_100_AR5_N2O	Fuel Exploitation	BRN	Brunei	0.00587533
GWP_100_AR5_N2O	Fuel Exploitation	BTN	Bhutan	6.2915E-05
GWP_100_AR5_N2O	Fuel Exploitation	BWA	Botswana	
GWP_100_AR5_N2O	Fuel Exploitation	CAF	Central African Republic	5.4509E-05
GWP_100_AR5_N2O	Fuel Exploitation	CAN	Canada	0.04429227
GWP_100_AR5_N2O	Fuel Exploitation	CHE	Switzerland and Liechtenst	0.00028027
GWP_100_AR5_N2O	Fuel Exploitation	CHL	Chile	0.01565667
GWP_100_AR5_N2O	Fuel Exploitation	CHN	China	0.12577913
GWP_100_AR5_N2O	Fuel Exploitation	CIV	Côte d'Ivoire	0.01131092
GWP_100_AR5_N2O	Fuel Exploitation	CMR	Cameroon	0.00195888
GWP_100_AR5_N2O	Fuel Exploitation	COD	Democratic Republic of the	0.00478263
GWP_100_AR5_N2O	Fuel Exploitation	COG	Congo	0.00636516
GWP_100_AR5_N2O	Fuel Exploitation	COL	Colombia	0.01377218
GWP_100_AR5_N2O	Fuel Exploitation	COM	Comoros	3.2577E-05
GWP_100_AR5_N2O	Fuel Exploitation	CPV	Cabo Verde	3.9628E-05
GWP_100_AR5_N2O	Fuel Exploitation	CRI	Costa Rica	0.00034959
GWP_100_AR5_N2O	Fuel Exploitation	CUB	Cuba	0.0026473
GWP_100_AR5_N2O	Fuel Exploitation	CYM	Cayman Islands	
GWP_100_AR5_N2O	Fuel Exploitation	CYP	Cyprus	4.0807E-05
GWP_100_AR5_N2O	Fuel Exploitation	CZE	Czechia	0.00078384
GWP_100_AR5_N2O	Fuel Exploitation	DEU	Germany	0.07537384
GWP_100_AR5_N2O	Fuel Exploitation	DJI	Djibouti	4.3318E-05
GWP_100_AR5_N2O	Fuel Exploitation	DMA	Dominica	3.2253E-06
GWP_100_AR5_N2O	Fuel Exploitation	DNK	Denmark	2.2705E-05
GWP_100_AR5_N2O	Fuel Exploitation	DOM	Dominican Republic	0.00608069
GWP_100_AR5_N2O	Fuel Exploitation	DZA	Algeria	0.03688449
GWP_100_AR5_N2O	Fuel Exploitation	ECU	Ecuador	0.00476644
GWP_100_AR5_N2O	Fuel Exploitation	EGY	Egypt	0.04300849
GWP_100_AR5_N2O	Fuel Exploitation	ERI	Eritrea	0.00218908

GWP_100_AR5_N2O	Fuel Exploitation	ESP	Spain and Andorra	0.00805477
GWP_100_AR5_N2O	Fuel Exploitation	EST	Estonia	0.00077266
GWP_100_AR5_N2O	Fuel Exploitation	ETH	Ethiopia	0.01384306
GWP_100_AR5_N2O	Fuel Exploitation	FIN	Finland	0.00059644
GWP_100_AR5_N2O	Fuel Exploitation	FJI	Fiji	2.5136E-05
GWP_100_AR5_N2O	Fuel Exploitation	FLK	Falkland Islands	1.0124E-06
GWP_100_AR5_N2O	Fuel Exploitation	FRA	France and Monaco	0.03818402
GWP_100_AR5_N2O	Fuel Exploitation	GAB	Gabon	0.00056554
GWP_100_AR5_N2O	Fuel Exploitation	GBR	United Kingdom	0.06499039
GWP_100_AR5_N2O	Fuel Exploitation	GEO	Georgia	3.5902E-06
GWP_100_AR5_N2O	Fuel Exploitation	GHA	Ghana	0.00663289
GWP_100_AR5_N2O	Fuel Exploitation	GIN	Guinea	0.00042361
GWP_100_AR5_N2O	Fuel Exploitation	GLP	Guadeloupe	2.0191E-05
GWP_100_AR5_N2O	Fuel Exploitation	GMB	The Gambia	5.8495E-05
GWP_100_AR5_N2O	Fuel Exploitation	GNB	Guinea-Bissau	7.5688E-05
GWP_100_AR5_N2O	Fuel Exploitation	GNQ	Equatorial Guinea	0.00012243
GWP_100_AR5_N2O	Fuel Exploitation	GRC	Greece	0.0010485
GWP_100_AR5_N2O	Fuel Exploitation	GTM	Guatemala	0.00276134
GWP_100_AR5_N2O	Fuel Exploitation	GUF	French Guiana	1.5288E-05
GWP_100_AR5_N2O	Fuel Exploitation	GUY	Guyana	4.0807E-05
GWP_100_AR5_N2O	Fuel Exploitation	HKG	Hong Kong	
GWP_100_AR5_N2O	Fuel Exploitation	HND	Honduras	0.00033314
GWP_100_AR5_N2O	Fuel Exploitation	HRV	Croatia	0.00308431
GWP_100_AR5_N2O	Fuel Exploitation	HTI	Haiti	0.01882029
GWP_100_AR5_N2O	Fuel Exploitation	HUN	Hungary	0.00245033
GWP_100_AR5_N2O	Fuel Exploitation	IDN	Indonesia	0.0579613
GWP_100_AR5_N2O	Fuel Exploitation	IND	India	0.13031526
GWP_100_AR5_N2O	Fuel Exploitation	IRL	Ireland	6.9129E-06
GWP_100_AR5_N2O	Fuel Exploitation	IRN	Iran	0.15765063
GWP_100_AR5_N2O	Fuel Exploitation	IRQ	Iraq	0.04865495
GWP_100_AR5_N2O	Fuel Exploitation	ISR	Israel and Palestine, State of	0.0015189
GWP_100_AR5_N2O	Fuel Exploitation	ITA	Italy, San Marino and the Holy See	0.01862463
GWP_100_AR5_N2O	Fuel Exploitation	JAM	Jamaica	0.00100876
GWP_100_AR5_N2O	Fuel Exploitation	JOR	Jordan	0.00451183
GWP_100_AR5_N2O	Fuel Exploitation	JPN	Japan	0.05210378
GWP_100_AR5_N2O	Fuel Exploitation	KAZ	Kazakhstan	0.00354666
GWP_100_AR5_N2O	Fuel Exploitation	KEN	Kenya	0.02580799
GWP_100_AR5_N2O	Fuel Exploitation	KGZ	Kyrgyzstan	3.1333E-06
GWP_100_AR5_N2O	Fuel Exploitation	KHM	Cambodia	0.00024416
GWP_100_AR5_N2O	Fuel Exploitation	KIR	Kiribati	2.0698E-06
GWP_100_AR5_N2O	Fuel Exploitation	KOR	South Korea	0.00303365
GWP_100_AR5_N2O	Fuel Exploitation	KWT	Kuwait	0.09593117
GWP_100_AR5_N2O	Fuel Exploitation	LAO	Laos	0.0001433
GWP_100_AR5_N2O	Fuel Exploitation	LBN	Lebanon	0.00067114
GWP_100_AR5_N2O	Fuel Exploitation	LBR	Liberia	0.00017614
GWP_100_AR5_N2O	Fuel Exploitation	LBY	Libya	0.13034073
GWP_100_AR5_N2O	Fuel Exploitation	LCA	Saint Lucia	4.1365E-06
GWP_100_AR5_N2O	Fuel Exploitation	LKA	Sri Lanka	0.00033489
GWP_100_AR5_N2O	Fuel Exploitation	LSO	Lesotho	0.0001593
GWP_100_AR5_N2O	Fuel Exploitation	LTU	Lithuania	0.00125813
GWP_100_AR5_N2O	Fuel Exploitation	LUX	Luxembourg	4.0545E-07

GWP_100_AR5_N2O	Fuel Exploitation	LVA	Latvia	2.5148E-05
GWP_100_AR5_N2O	Fuel Exploitation	MAC	Macao	5.7805E-05
GWP_100_AR5_N2O	Fuel Exploitation	MAR	Morocco	0.00043421
GWP_100_AR5_N2O	Fuel Exploitation	MDA	Moldova	1.4586E-06
GWP_100_AR5_N2O	Fuel Exploitation	MDG	Madagascar	
GWP_100_AR5_N2O	Fuel Exploitation	MDV	Maldives	6.5264E-06
GWP_100_AR5_N2O	Fuel Exploitation	MEX	Mexico	0.05856988
GWP_100_AR5_N2O	Fuel Exploitation	MKD	North Macedonia	0.00143498
GWP_100_AR5_N2O	Fuel Exploitation	MLI	Mali	0.00014347
GWP_100_AR5_N2O	Fuel Exploitation	MMR	Myanmar/Burma	0.01571471
GWP_100_AR5_N2O	Fuel Exploitation	MNG	Mongolia	0.00010149
GWP_100_AR5_N2O	Fuel Exploitation	MOZ	Mozambique	0.01347418
GWP_100_AR5_N2O	Fuel Exploitation	MRT	Mauritania	0.00013712
GWP_100_AR5_N2O	Fuel Exploitation	MTQ	Martinique	2.1927E-05
GWP_100_AR5_N2O	Fuel Exploitation	MUS	Mauritius	0.00012243
GWP_100_AR5_N2O	Fuel Exploitation	MWI	Malawi	0.00061474
GWP_100_AR5_N2O	Fuel Exploitation	MYS	Malaysia	0.00945876
GWP_100_AR5_N2O	Fuel Exploitation	NAM	Namibia	8.5965E-05
GWP_100_AR5_N2O	Fuel Exploitation	NCL	New Caledonia	4.4193E-06
GWP_100_AR5_N2O	Fuel Exploitation	NER	Niger	
GWP_100_AR5_N2O	Fuel Exploitation	NGA	Nigeria	0.1008184
GWP_100_AR5_N2O	Fuel Exploitation	NIC	Nicaragua	0.00083683
GWP_100_AR5_N2O	Fuel Exploitation	NLD	Netherlands	0.01663954
GWP_100_AR5_N2O	Fuel Exploitation	NOR	Norway	0.00014204
GWP_100_AR5_N2O	Fuel Exploitation	NPL	Nepal	
GWP_100_AR5_N2O	Fuel Exploitation	NZL	New Zealand	0.0001283
GWP_100_AR5_N2O	Fuel Exploitation	OMN	Oman	0.02624015
GWP_100_AR5_N2O	Fuel Exploitation	PAK	Pakistan	0.00382338
GWP_100_AR5_N2O	Fuel Exploitation	PAN	Panama	0.00046157
GWP_100_AR5_N2O	Fuel Exploitation	PER	Peru	0.01164389
GWP_100_AR5_N2O	Fuel Exploitation	PHL	Philippines	0.03640179
GWP_100_AR5_N2O	Fuel Exploitation	PLW	Palau	5.0097E-05
GWP_100_AR5_N2O	Fuel Exploitation	PNG	Papua New Guinea	4.3189E-05
GWP_100_AR5_N2O	Fuel Exploitation	POL	Poland	0.01105736
GWP_100_AR5_N2O	Fuel Exploitation	PRI	Puerto Rico	2.7704E-06
GWP_100_AR5_N2O	Fuel Exploitation	PRK	North Korea	0.00440748
GWP_100_AR5_N2O	Fuel Exploitation	PRT	Portugal	0.00172309
GWP_100_AR5_N2O	Fuel Exploitation	PRY	Paraguay	0.00238092
GWP_100_AR5_N2O	Fuel Exploitation	PYF	French Polynesia	
GWP_100_AR5_N2O	Fuel Exploitation	QAT	Qatar	0.0448613
GWP_100_AR5_N2O	Fuel Exploitation	REU	Réunion	7.8851E-05
GWP_100_AR5_N2O	Fuel Exploitation	ROU	Romania	0.00363787
GWP_100_AR5_N2O	Fuel Exploitation	RUS	Russia	0.12205151
GWP_100_AR5_N2O	Fuel Exploitation	RWA	Rwanda	0.02074664
GWP_100_AR5_N2O	Fuel Exploitation	SAU	Saudi Arabia	0.13266447
GWP_100_AR5_N2O	Fuel Exploitation	SCG	Serbia and Montenegro	0.00146638
GWP_100_AR5_N2O	Fuel Exploitation	SDN	Sudan and South Sudan	0.05133067
GWP_100_AR5_N2O	Fuel Exploitation	SEN	Senegal	0.01109921
GWP_100_AR5_N2O	Fuel Exploitation	SGP	Singapore	0.0031959
GWP_100_AR5_N2O	Fuel Exploitation	SHN	Saint Helena, Ascension and Tristan da (	
GWP_100_AR5_N2O	Fuel Exploitation	SLB	Solomon Islands	6.8061E-06

GWP_100_AR5_N2O	Fuel Exploitation	SLE	Sierra Leone	0.00041186
GWP_100_AR5_N2O	Fuel Exploitation	SLV	El Salvador	0.00023989
GWP_100_AR5_N2O	Fuel Exploitation	SOM	Somalia	0.0008091
GWP_100_AR5_N2O	Fuel Exploitation	STP	São Tomé and Príncipe	1.0284E-05
GWP_100_AR5_N2O	Fuel Exploitation	SUR	Suriname	0.00011974
GWP_100_AR5_N2O	Fuel Exploitation	SVK	Slovakia	0.0016727
GWP_100_AR5_N2O	Fuel Exploitation	SVN	Slovenia	8.1613E-05
GWP_100_AR5_N2O	Fuel Exploitation	SWE	Sweden	0.00129363
GWP_100_AR5_N2O	Fuel Exploitation	SWZ	Eswatini	0.0004081
GWP_100_AR5_N2O	Fuel Exploitation	SYC	Seychelles	3.9798E-06
GWP_100_AR5_N2O	Fuel Exploitation	SYR	Syria	0.00193541
GWP_100_AR5_N2O	Fuel Exploitation	TCA	Turks and Caicos Islands	2.7481E-07
GWP_100_AR5_N2O	Fuel Exploitation	TCD	Chad	0.00049631
GWP_100_AR5_N2O	Fuel Exploitation	TGO	Togo	0.00497882
GWP_100_AR5_N2O	Fuel Exploitation	THA	Thailand	0.09894774
GWP_100_AR5_N2O	Fuel Exploitation	TJK	Tajikistan	2.9857E-06
GWP_100_AR5_N2O	Fuel Exploitation	TKM	Turkmenistan	0.0008803
GWP_100_AR5_N2O	Fuel Exploitation	TLS	Timor-Leste	
GWP_100_AR5_N2O	Fuel Exploitation	TON	Tonga	3.0767E-06
GWP_100_AR5_N2O	Fuel Exploitation	TTO	Trinidad and Tobago	0.0044981
GWP_100_AR5_N2O	Fuel Exploitation	TUN	Tunisia	0.00329192
GWP_100_AR5_N2O	Fuel Exploitation	TUR	Türkiye	0.00057197
GWP_100_AR5_N2O	Fuel Exploitation	TWN	Taiwan	0.00307651
GWP_100_AR5_N2O	Fuel Exploitation	TZA	Tanzania	0.00957376
GWP_100_AR5_N2O	Fuel Exploitation	UGA	Uganda	0.01342649
GWP_100_AR5_N2O	Fuel Exploitation	UKR	Ukraine	0.01387277
GWP_100_AR5_N2O	Fuel Exploitation	URY	Uruguay	0.00028584
GWP_100_AR5_N2O	Fuel Exploitation	USA	United States	0.27420752
GWP_100_AR5_N2O	Fuel Exploitation	UZB	Uzbekistan	0.00175348
GWP_100_AR5_N2O	Fuel Exploitation	VCT	Saint Vincent and the Grenadines	2.9505E-06
GWP_100_AR5_N2O	Fuel Exploitation	VEN	Venezuela	0.05487017
GWP_100_AR5_N2O	Fuel Exploitation	VGB	British Virgin Islands	1.7356E-07
GWP_100_AR5_N2O	Fuel Exploitation	VNM	Viet Nam	0.00661122
GWP_100_AR5_N2O	Fuel Exploitation	VUT	Vanuatu	2.9276E-06
GWP_100_AR5_N2O	Fuel Exploitation	WSM	Samoa	5.8982E-06
GWP_100_AR5_N2O	Fuel Exploitation	YEM	Yemen	0.00167664
GWP_100_AR5_N2O	Fuel Exploitation	ZAF	South Africa	0.00479928
GWP_100_AR5_N2O	Fuel Exploitation	ZMB	Zambia	0.01416107
GWP_100_AR5_N2O	Fuel Exploitation	ZWE	Zimbabwe	0.00044891
GWP_100_AR5_N2O	Industrial Combustion	ABW	Aruba	6.6244E-05
GWP_100_AR5_N2O	Industrial Combustion	AFG	Afghanistan	0.00037648
GWP_100_AR5_N2O	Industrial Combustion	AGO	Angola	0.00322998
GWP_100_AR5_N2O	Industrial Combustion	AIA	Anguilla	2.3258E-07
GWP_100_AR5_N2O	Industrial Combustion	ALB	Albania	0.00408972
GWP_100_AR5_N2O	Industrial Combustion	ANT	Curaçao	0.00953017
GWP_100_AR5_N2O	Industrial Combustion	ARE	United Arab Emirates	0.0009011
GWP_100_AR5_N2O	Industrial Combustion	ARG	Argentina	0.08629247
GWP_100_AR5_N2O	Industrial Combustion	ARM	Armenia	0.0039475
GWP_100_AR5_N2O	Industrial Combustion	ATG	Antigua and Barbuda	1.6966E-06
GWP_100_AR5_N2O	Industrial Combustion	AUS	Australia	0.18749113
GWP_100_AR5_N2O	Industrial Combustion	AUT	Austria	0.02391351

GWP_100_AR5_N2O	Industrial Combustion	AZE	Azerbaijan	0.00675813
GWP_100_AR5_N2O	Industrial Combustion	BDI	Burundi	0.00128997
GWP_100_AR5_N2O	Industrial Combustion	BEL	Belgium	0.07689447
GWP_100_AR5_N2O	Industrial Combustion	BEN	Benin	9.5273E-05
GWP_100_AR5_N2O	Industrial Combustion	BFA	Burkina Faso	0.00258821
GWP_100_AR5_N2O	Industrial Combustion	BGD	Bangladesh	0.01725279
GWP_100_AR5_N2O	Industrial Combustion	BGR	Bulgaria	0.03252911
GWP_100_AR5_N2O	Industrial Combustion	BHR	Bahrain	0.00019965
GWP_100_AR5_N2O	Industrial Combustion	BHS	Bahamas	0.00129292
GWP_100_AR5_N2O	Industrial Combustion	BIH	Bosnia and Herzegovina	0.01357387
GWP_100_AR5_N2O	Industrial Combustion	BLR	Belarus	0.01479735
GWP_100_AR5_N2O	Industrial Combustion	BLZ	Belize	0.00379511
GWP_100_AR5_N2O	Industrial Combustion	BMU	Bermuda	2.3026E-06
GWP_100_AR5_N2O	Industrial Combustion	BOL	Bolivia	0.00563859
GWP_100_AR5_N2O	Industrial Combustion	BRA	Brazil	0.52230971
GWP_100_AR5_N2O	Industrial Combustion	BRB	Barbados	0.00127998
GWP_100_AR5_N2O	Industrial Combustion	BRN	Brunei	0.00014458
GWP_100_AR5_N2O	Industrial Combustion	BTN	Bhutan	2.4901E-06
GWP_100_AR5_N2O	Industrial Combustion	BWA	Botswana	3.3931E-05
GWP_100_AR5_N2O	Industrial Combustion	CAF	Central African Republic	0.00061012
GWP_100_AR5_N2O	Industrial Combustion	CAN	Canada	0.39376541
GWP_100_AR5_N2O	Industrial Combustion	CHE	Switzerland and Liechtenst	0.02058038
GWP_100_AR5_N2O	Industrial Combustion	CHL	Chile	0.02415316
GWP_100_AR5_N2O	Industrial Combustion	CHN	China	1.52891604
GWP_100_AR5_N2O	Industrial Combustion	CIV	Côte d'Ivoire	0.00146269
GWP_100_AR5_N2O	Industrial Combustion	CMR	Cameroon	0.00155266
GWP_100_AR5_N2O	Industrial Combustion	COD	Democratic Republic of the	0.05445541
GWP_100_AR5_N2O	Industrial Combustion	COG	Congo	0.00029402
GWP_100_AR5_N2O	Industrial Combustion	COK	Cook Islands	8.6979E-07
GWP_100_AR5_N2O	Industrial Combustion	COL	Colombia	0.05876792
GWP_100_AR5_N2O	Industrial Combustion	COM	Comoros	3.7906E-05
GWP_100_AR5_N2O	Industrial Combustion	CPV	Cabo Verde	0.00016151
GWP_100_AR5_N2O	Industrial Combustion	CRI	Costa Rica	0.0098876
GWP_100_AR5_N2O	Industrial Combustion	CUB	Cuba	0.2000989
GWP_100_AR5_N2O	Industrial Combustion	CYM	Cayman Islands	4.2416E-07
GWP_100_AR5_N2O	Industrial Combustion	CYP	Cyprus	0.00081443
GWP_100_AR5_N2O	Industrial Combustion	CZE	Czechia	0.21932823
GWP_100_AR5_N2O	Industrial Combustion	DEU	Germany	0.58436212
GWP_100_AR5_N2O	Industrial Combustion	DJI	Djibouti	0.00066707
GWP_100_AR5_N2O	Industrial Combustion	DMA	Dominica	0.00051723
GWP_100_AR5_N2O	Industrial Combustion	DNK	Denmark	0.0242479
GWP_100_AR5_N2O	Industrial Combustion	DOM	Dominican Republic	0.03148851
GWP_100_AR5_N2O	Industrial Combustion	DZA	Algeria	0.00143336
GWP_100_AR5_N2O	Industrial Combustion	ECU	Ecuador	0.01139328
GWP_100_AR5_N2O	Industrial Combustion	EGY	Egypt	0.02566543
GWP_100_AR5_N2O	Industrial Combustion	ERI	Eritrea	6.5972E-05
GWP_100_AR5_N2O	Industrial Combustion	ESH	Western Sahara	7.1056E-05
GWP_100_AR5_N2O	Industrial Combustion	ESP	Spain and Andorra	0.11618116
GWP_100_AR5_N2O	Industrial Combustion	EST	Estonia	0.00726026
GWP_100_AR5_N2O	Industrial Combustion	ETH	Ethiopia	0.00050589
GWP_100_AR5_N2O	Industrial Combustion	FIN	Finland	0.03654227



GWP_100_AR5_N2O	Industrial Combustion	FJI	Fiji	0.0054871
GWP_100_AR5_N2O	Industrial Combustion	FLK	Falkland Islands	3.0853E-05
GWP_100_AR5_N2O	Industrial Combustion	FRA	France and Monaco	0.35519826
GWP_100_AR5_N2O	Industrial Combustion	GAB	Gabon	0.00569618
GWP_100_AR5_N2O	Industrial Combustion	GBR	United Kingdom	0.4010187
GWP_100_AR5_N2O	Industrial Combustion	GEO	Georgia	0.014643
GWP_100_AR5_N2O	Industrial Combustion	GHA	Ghana	0.00731566
GWP_100_AR5_N2O	Industrial Combustion	GIN	Guinea	0.00311853
GWP_100_AR5_N2O	Industrial Combustion	GLP	Guadeloupe	0.00108781
GWP_100_AR5_N2O	Industrial Combustion	GMB	The Gambia	0.00014697
GWP_100_AR5_N2O	Industrial Combustion	GNB	Guinea-Bissau	0.00030412
GWP_100_AR5_N2O	Industrial Combustion	GNQ	Equatorial Guinea	
GWP_100_AR5_N2O	Industrial Combustion	GRC	Greece	0.01842431
GWP_100_AR5_N2O	Industrial Combustion	GRD	Grenada	6.7167E-06
GWP_100_AR5_N2O	Industrial Combustion	GRL	Greenland	
GWP_100_AR5_N2O	Industrial Combustion	GTM	Guatemala	0.01828965
GWP_100_AR5_N2O	Industrial Combustion	GUF	French Guiana	0.00077795
GWP_100_AR5_N2O	Industrial Combustion	GUY	Guyana	0.0128102
GWP_100_AR5_N2O	Industrial Combustion	HKG	Hong Kong	0.00522301
GWP_100_AR5_N2O	Industrial Combustion	HND	Honduras	0.00913091
GWP_100_AR5_N2O	Industrial Combustion	HRV	Croatia	0.01327882
GWP_100_AR5_N2O	Industrial Combustion	HTI	Haiti	0.00755969
GWP_100_AR5_N2O	Industrial Combustion	HUN	Hungary	0.02928394
GWP_100_AR5_N2O	Industrial Combustion	IDN	Indonesia	0.04417489
GWP_100_AR5_N2O	Industrial Combustion	IND	India	1.02332003
GWP_100_AR5_N2O	Industrial Combustion	IRL	Ireland	0.01009297
GWP_100_AR5_N2O	Industrial Combustion	IRN	Iran	0.01553291
GWP_100_AR5_N2O	Industrial Combustion	IRQ	Iraq	0.00166756
GWP_100_AR5_N2O	Industrial Combustion	ISL	Iceland	0.00042275
GWP_100_AR5_N2O	Industrial Combustion	ISR	Israel and Palestine, State of	0.00498184
GWP_100_AR5_N2O	Industrial Combustion	ITA	Italy, San Marino and the Holy See	0.17012901
GWP_100_AR5_N2O	Industrial Combustion	JAM	Jamaica	0.02058298
GWP_100_AR5_N2O	Industrial Combustion	JOR	Jordan	0.0003152
GWP_100_AR5_N2O	Industrial Combustion	JPN	Japan	0.45517999
GWP_100_AR5_N2O	Industrial Combustion	KAZ	Kazakhstan	0.29702062
GWP_100_AR5_N2O	Industrial Combustion	KEN	Kenya	0.00994265
GWP_100_AR5_N2O	Industrial Combustion	KGZ	Kyrgyzstan	0.03371059
GWP_100_AR5_N2O	Industrial Combustion	KHM	Cambodia	8.263E-06
GWP_100_AR5_N2O	Industrial Combustion	KIR	Kiribati	8.6979E-07
GWP_100_AR5_N2O	Industrial Combustion	KNA	Saint Kitts and Nevis	0.00035748
GWP_100_AR5_N2O	Industrial Combustion	KOR	South Korea	0.03569049
GWP_100_AR5_N2O	Industrial Combustion	KWT	Kuwait	0.00173228
GWP_100_AR5_N2O	Industrial Combustion	LAO	Laos	1.3047E-05
GWP_100_AR5_N2O	Industrial Combustion	LBN	Lebanon	0.00300988
GWP_100_AR5_N2O	Industrial Combustion	LBR	Liberia	0.0013108
GWP_100_AR5_N2O	Industrial Combustion	LBY	Libya	0.00030516
GWP_100_AR5_N2O	Industrial Combustion	LCA	Saint Lucia	0.00035589
GWP_100_AR5_N2O	Industrial Combustion	LKA	Sri Lanka	0.01959607
GWP_100_AR5_N2O	Industrial Combustion	LSO	Lesotho	0.00051746
GWP_100_AR5_N2O	Industrial Combustion	LTU	Lithuania	0.01003999
GWP_100_AR5_N2O	Industrial Combustion	LUX	Luxembourg	0.00663782

GWP_100_AR5_N2O	Industrial Combustion	LVA	Latvia	0.00400166
GWP_100_AR5_N2O	Industrial Combustion	MAC	Macao	1.3917E-05
GWP_100_AR5_N2O	Industrial Combustion	MAR	Morocco	0.00595302
GWP_100_AR5_N2O	Industrial Combustion	MDA	Moldova	0.00356681
GWP_100_AR5_N2O	Industrial Combustion	MDG	Madagascar	0.00432377
GWP_100_AR5_N2O	Industrial Combustion	MDV	Maldives	4.3489E-07
GWP_100_AR5_N2O	Industrial Combustion	MEX	Mexico	0.09873365
GWP_100_AR5_N2O	Industrial Combustion	MKD	North Macedonia	0.00394217
GWP_100_AR5_N2O	Industrial Combustion	MLI	Mali	0.00099876
GWP_100_AR5_N2O	Industrial Combustion	MLT	Malta	
GWP_100_AR5_N2O	Industrial Combustion	MMR	Myanmar/Burma	0.004745
GWP_100_AR5_N2O	Industrial Combustion	MNG	Mongolia	0.01712816
GWP_100_AR5_N2O	Industrial Combustion	MOZ	Mozambique	0.03602836
GWP_100_AR5_N2O	Industrial Combustion	MRT	Mauritania	0.00052697
GWP_100_AR5_N2O	Industrial Combustion	MTQ	Martinique	0.00057404
GWP_100_AR5_N2O	Industrial Combustion	MUS	Mauritius	0.01700447
GWP_100_AR5_N2O	Industrial Combustion	MWI	Malawi	0.00436508
GWP_100_AR5_N2O	Industrial Combustion	MYS	Malaysia	0.06957938
GWP_100_AR5_N2O	Industrial Combustion	NAM	Namibia	0.00077554
GWP_100_AR5_N2O	Industrial Combustion	NCL	New Caledonia	0.00047295
GWP_100_AR5_N2O	Industrial Combustion	NER	Niger	3.2452E-05
GWP_100_AR5_N2O	Industrial Combustion	NGA	Nigeria	0.02212841
GWP_100_AR5_N2O	Industrial Combustion	NIC	Nicaragua	0.00913257
GWP_100_AR5_N2O	Industrial Combustion	NLD	Netherlands	0.03684097
GWP_100_AR5_N2O	Industrial Combustion	NOR	Norway	0.02193094
GWP_100_AR5_N2O	Industrial Combustion	NPL	Nepal	0.0008951
GWP_100_AR5_N2O	Industrial Combustion	NZL	New Zealand	0.01426246
GWP_100_AR5_N2O	Industrial Combustion	OMN	Oman	4.1785E-05
GWP_100_AR5_N2O	Industrial Combustion	PAK	Pakistan	0.08815644
GWP_100_AR5_N2O	Industrial Combustion	PAN	Panama	0.00372986
GWP_100_AR5_N2O	Industrial Combustion	PER	Peru	0.02693728
GWP_100_AR5_N2O	Industrial Combustion	PHL	Philippines	0.01988167
GWP_100_AR5_N2O	Industrial Combustion	PLW	Palau	0.00036003
GWP_100_AR5_N2O	Industrial Combustion	PNG	Papua New Guinea	0.00045299
GWP_100_AR5_N2O	Industrial Combustion	POL	Poland	0.13763377
GWP_100_AR5_N2O	Industrial Combustion	PRI	Puerto Rico	0.00838323
GWP_100_AR5_N2O	Industrial Combustion	PRK	North Korea	0.17523756
GWP_100_AR5_N2O	Industrial Combustion	PRT	Portugal	0.04345307
GWP_100_AR5_N2O	Industrial Combustion	PRY	Paraguay	0.01656849
GWP_100_AR5_N2O	Industrial Combustion	PYF	French Polynesia	6.5234E-06
GWP_100_AR5_N2O	Industrial Combustion	QAT	Qatar	0.00038565
GWP_100_AR5_N2O	Industrial Combustion	REU	Réunion	0.00303219
GWP_100_AR5_N2O	Industrial Combustion	ROU	Romania	0.02736128
GWP_100_AR5_N2O	Industrial Combustion	RUS	Russia	0.3040536
GWP_100_AR5_N2O	Industrial Combustion	RWA	Rwanda	8.4526E-05
GWP_100_AR5_N2O	Industrial Combustion	SAU	Saudi Arabia	0.00403962
GWP_100_AR5_N2O	Industrial Combustion	SCG	Serbia and Montenegro	0.02583181
GWP_100_AR5_N2O	Industrial Combustion	SDN	Sudan and South Sudan	0.02628381
GWP_100_AR5_N2O	Industrial Combustion	SEN	Senegal	0.00066476
GWP_100_AR5_N2O	Industrial Combustion	SGP	Singapore	0.00091328
GWP_100_AR5_N2O	Industrial Combustion	SHN	Saint Helena, Ascension and Tristan da Cunha	2.4144E-06

GWP_100_AR5_N2O	Industrial Combustion	SLB	Solomon Islands	3.0443E-06
GWP_100_AR5_N2O	Industrial Combustion	SLE	Sierra Leone	0.00191888
GWP_100_AR5_N2O	Industrial Combustion	SLV	El Salvador	0.00896079
GWP_100_AR5_N2O	Industrial Combustion	SOM	Somalia	0.00202703
GWP_100_AR5_N2O	Industrial Combustion	SPM	Saint Pierre and Miquelon	2.9396E-05
GWP_100_AR5_N2O	Industrial Combustion	STP	São Tomé and Príncipe	2.8045E-05
GWP_100_AR5_N2O	Industrial Combustion	SUR	Suriname	0.00279988
GWP_100_AR5_N2O	Industrial Combustion	SVK	Slovakia	0.05033606
GWP_100_AR5_N2O	Industrial Combustion	SVN	Slovenia	0.00787958
GWP_100_AR5_N2O	Industrial Combustion	SWE	Sweden	0.17849385
GWP_100_AR5_N2O	Industrial Combustion	SWZ	Eswatini	0.00512254
GWP_100_AR5_N2O	Industrial Combustion	SYC	Seychelles	9.9358E-05
GWP_100_AR5_N2O	Industrial Combustion	SYR	Syria	0.00341711
GWP_100_AR5_N2O	Industrial Combustion	TCA	Turks and Caicos Islands	8.8827E-06
GWP_100_AR5_N2O	Industrial Combustion	TCD	Chad	0.00142565
GWP_100_AR5_N2O	Industrial Combustion	TGO	Togo	6.9706E-05
GWP_100_AR5_N2O	Industrial Combustion	THA	Thailand	0.08471207
GWP_100_AR5_N2O	Industrial Combustion	TJK	Tajikistan	
GWP_100_AR5_N2O	Industrial Combustion	TKM	Turkmenistan	0.00014884
GWP_100_AR5_N2O	Industrial Combustion	TLS	Timor-Leste	
GWP_100_AR5_N2O	Industrial Combustion	TON	Tonga	8.6979E-07
GWP_100_AR5_N2O	Industrial Combustion	TTO	Trinidad and Tobago	0.00023375
GWP_100_AR5_N2O	Industrial Combustion	TUN	Tunisia	0.00194333
GWP_100_AR5_N2O	Industrial Combustion	TUR	Türkiye	0.01466694
GWP_100_AR5_N2O	Industrial Combustion	TWN	Taiwan	0.04026854
GWP_100_AR5_N2O	Industrial Combustion	TZA	Tanzania	0.02035607
GWP_100_AR5_N2O	Industrial Combustion	UGA	Uganda	0.01635973
GWP_100_AR5_N2O	Industrial Combustion	UKR	Ukraine	0.2538465
GWP_100_AR5_N2O	Industrial Combustion	URY	Uruguay	0.0056893
GWP_100_AR5_N2O	Industrial Combustion	USA	United States	3.33413937
GWP_100_AR5_N2O	Industrial Combustion	UZB	Uzbekistan	0.00105124
GWP_100_AR5_N2O	Industrial Combustion	VCT	Saint Vincent and the Grenadines	0.00055256
GWP_100_AR5_N2O	Industrial Combustion	VEN	Venezuela	0.03101265
GWP_100_AR5_N2O	Industrial Combustion	VGB	British Virgin Islands	2.4208E-05
GWP_100_AR5_N2O	Industrial Combustion	VNM	Viet Nam	0.08948736
GWP_100_AR5_N2O	Industrial Combustion	VUT	Vanuatu	3.4792E-06
GWP_100_AR5_N2O	Industrial Combustion	WSM	Samoa	3.354E-05
GWP_100_AR5_N2O	Industrial Combustion	YEM	Yemen	
GWP_100_AR5_N2O	Industrial Combustion	ZAF	South Africa	0.19732123
GWP_100_AR5_N2O	Industrial Combustion	ZMB	Zambia	0.02036315
GWP_100_AR5_N2O	Industrial Combustion	ZWE	Zimbabwe	0.01875836
GWP_100_AR5_N2O	Power Industry	ABW	Aruba	2.7974E-05
GWP_100_AR5_N2O	Power Industry	AFG	Afghanistan	0.0001223
GWP_100_AR5_N2O	Power Industry	AGO	Angola	0.00028469
GWP_100_AR5_N2O	Power Industry	AIA	Anguilla	8.8831E-07
GWP_100_AR5_N2O	Power Industry	ALB	Albania	0.00124349
GWP_100_AR5_N2O	Power Industry	ANT	Curaçao	0.00097728
GWP_100_AR5_N2O	Power Industry	ARE	United Arab Emirates	7.0787E-05
GWP_100_AR5_N2O	Power Industry	ARG	Argentina	0.03307967
GWP_100_AR5_N2O	Power Industry	ARM	Armenia	0.00225728
GWP_100_AR5_N2O	Power Industry	ATG	Antigua and Barbuda	0.00012928

GWP_100_AR5_N2O	Power Industry	AUS	Australia	0.19312133
GWP_100_AR5_N2O	Power Industry	AUT	Austria	0.01455532
GWP_100_AR5_N2O	Power Industry	AZE	Azerbaijan	0.00575835
GWP_100_AR5_N2O	Power Industry	BDI	Burundi	4.8496E-07
GWP_100_AR5_N2O	Power Industry	BEL	Belgium	0.05660787
GWP_100_AR5_N2O	Power Industry	BEN	Benin	
GWP_100_AR5_N2O	Power Industry	BFA	Burkina Faso	2.0784E-06
GWP_100_AR5_N2O	Power Industry	BGD	Bangladesh	0.0008302
GWP_100_AR5_N2O	Power Industry	BGR	Bulgaria	0.06741191
GWP_100_AR5_N2O	Power Industry	BHR	Bahrain	0.00014374
GWP_100_AR5_N2O	Power Industry	BHS	Bahamas	0.00130468
GWP_100_AR5_N2O	Power Industry	BIH	Bosnia and Herzegovina	0.01014825
GWP_100_AR5_N2O	Power Industry	BLR	Belarus	0.02547359
GWP_100_AR5_N2O	Power Industry	BLZ	Belize	8.5787E-05
GWP_100_AR5_N2O	Power Industry	BMU	Bermuda	0.00020374
GWP_100_AR5_N2O	Power Industry	BOL	Bolivia	0.00061526
GWP_100_AR5_N2O	Power Industry	BRA	Brazil	0.0198114
GWP_100_AR5_N2O	Power Industry	BRB	Barbados	0.00035812
GWP_100_AR5_N2O	Power Industry	BRN	Brunei	0.0001149
GWP_100_AR5_N2O	Power Industry	BTN	Bhutan	6.7864E-06
GWP_100_AR5_N2O	Power Industry	BWA	Botswana	9.3921E-05
GWP_100_AR5_N2O	Power Industry	CAF	Central African Republic	6.928E-07
GWP_100_AR5_N2O	Power Industry	CAN	Canada	0.14554376
GWP_100_AR5_N2O	Power Industry	CHE	Switzerland and Liechtenst	0.00097169
GWP_100_AR5_N2O	Power Industry	CHL	Chile	0.01125916
GWP_100_AR5_N2O	Power Industry	CHN	China	1.15900841
GWP_100_AR5_N2O	Power Industry	CIV	Côte d'Ivoire	0.00072293
GWP_100_AR5_N2O	Power Industry	CMR	Cameroon	6.8847E-05
GWP_100_AR5_N2O	Power Industry	COD	Democratic Republic of the	5.7526E-05
GWP_100_AR5_N2O	Power Industry	COG	Congo	8.462E-05
GWP_100_AR5_N2O	Power Industry	COK	Cook Islands	3.4556E-06
GWP_100_AR5_N2O	Power Industry	COL	Colombia	0.00854519
GWP_100_AR5_N2O	Power Industry	COM	Comoros	2.0784E-07
GWP_100_AR5_N2O	Power Industry	CPV	Cabo Verde	1.4065E-06
GWP_100_AR5_N2O	Power Industry	CRI	Costa Rica	0.00032013
GWP_100_AR5_N2O	Power Industry	CUB	Cuba	0.02536453
GWP_100_AR5_N2O	Power Industry	CYM	Cayman Islands	3.7532E-05
GWP_100_AR5_N2O	Power Industry	CYP	Cyprus	0.00065826
GWP_100_AR5_N2O	Power Industry	CZE	Czechia	0.80724483
GWP_100_AR5_N2O	Power Industry	DEU	Germany	2.0969142
GWP_100_AR5_N2O	Power Industry	DJI	Djibouti	6.928E-06
GWP_100_AR5_N2O	Power Industry	DMA	Dominica	1.0723E-05
GWP_100_AR5_N2O	Power Industry	DNK	Denmark	0.05127675
GWP_100_AR5_N2O	Power Industry	DOM	Dominican Republic	0.00388294
GWP_100_AR5_N2O	Power Industry	DZA	Algeria	0.00225233
GWP_100_AR5_N2O	Power Industry	ECU	Ecuador	0.0009803
GWP_100_AR5_N2O	Power Industry	EGY	Egypt	0.00259452
GWP_100_AR5_N2O	Power Industry	ERI	Eritrea	0.0002791
GWP_100_AR5_N2O	Power Industry	ESH	Western Sahara	7.1904E-07
GWP_100_AR5_N2O	Power Industry	ESP	Spain and Andorra	0.0619169
GWP_100_AR5_N2O	Power Industry	EST	Estonia	0.01876408

GWP_100_AR5_N2O	Power Industry	ETH	Ethiopia	0.0002508
GWP_100_AR5_N2O	Power Industry	FIN	Finland	0.06214241
GWP_100_AR5_N2O	Power Industry	FJI	Fiji	0.0001227
GWP_100_AR5_N2O	Power Industry	FLK	Falkland Islands	4.2893E-06
GWP_100_AR5_N2O	Power Industry	FRA	France and Monaco	0.22038893
GWP_100_AR5_N2O	Power Industry	GAB	Gabon	0.00016564
GWP_100_AR5_N2O	Power Industry	GBR	United Kingdom	0.73507724
GWP_100_AR5_N2O	Power Industry	GEO	Georgia	0.01004162
GWP_100_AR5_N2O	Power Industry	GHA	Ghana	7.5731E-05
GWP_100_AR5_N2O	Power Industry	GIB	Gibraltar	7.1201E-05
GWP_100_AR5_N2O	Power Industry	GIN	Guinea	3.8797E-06
GWP_100_AR5_N2O	Power Industry	GLP	Guadeloupe	0.00018766
GWP_100_AR5_N2O	Power Industry	GMB	The Gambia	7.6208E-07
GWP_100_AR5_N2O	Power Industry	GNB	Guinea-Bissau	4.1568E-07
GWP_100_AR5_N2O	Power Industry	GNQ	Equatorial Guinea	2.0654E-05
GWP_100_AR5_N2O	Power Industry	GRC	Greece	0.015993
GWP_100_AR5_N2O	Power Industry	GRD	Grenada	1.6085E-05
GWP_100_AR5_N2O	Power Industry	GRL	Greenland	
GWP_100_AR5_N2O	Power Industry	GTM	Guatemala	0.00122683
GWP_100_AR5_N2O	Power Industry	GUF	French Guiana	0.00013404
GWP_100_AR5_N2O	Power Industry	GUY	Guyana	0.00335327
GWP_100_AR5_N2O	Power Industry	HKG	Hong Kong	0.00454279
GWP_100_AR5_N2O	Power Industry	HND	Honduras	0.00028916
GWP_100_AR5_N2O	Power Industry	HRV	Croatia	0.00240107
GWP_100_AR5_N2O	Power Industry	HTI	Haiti	0.00020929
GWP_100_AR5_N2O	Power Industry	HUN	Hungary	0.05769928
GWP_100_AR5_N2O	Power Industry	IDN	Indonesia	0.00534043
GWP_100_AR5_N2O	Power Industry	IND	India	0.54911313
GWP_100_AR5_N2O	Power Industry	IRL	Ireland	0.01383862
GWP_100_AR5_N2O	Power Industry	IRN	Iran	0.00883285
GWP_100_AR5_N2O	Power Industry	IRQ	Iraq	0.00378041
GWP_100_AR5_N2O	Power Industry	ISL	Iceland	6.0961E-05
GWP_100_AR5_N2O	Power Industry	ISR	Israel and Palestine, State of	0.0063835
GWP_100_AR5_N2O	Power Industry	ITA	Italy, San Marino and the Holy See	0.07886159
GWP_100_AR5_N2O	Power Industry	JAM	Jamaica	0.00296786
GWP_100_AR5_N2O	Power Industry	JOR	Jordan	0.0004563
GWP_100_AR5_N2O	Power Industry	JPN	Japan	0.45977942
GWP_100_AR5_N2O	Power Industry	KAZ	Kazakhstan	0.25568719
GWP_100_AR5_N2O	Power Industry	KEN	Kenya	0.00180487
GWP_100_AR5_N2O	Power Industry	KGZ	Kyrgyzstan	0.00499009
GWP_100_AR5_N2O	Power Industry	KHM	Cambodia	5.4674E-05
GWP_100_AR5_N2O	Power Industry	KIR	Kiribati	3.458E-06
GWP_100_AR5_N2O	Power Industry	KNA	Saint Kitts and Nevis	2.1447E-05
GWP_100_AR5_N2O	Power Industry	KOR	South Korea	0.03482443
GWP_100_AR5_N2O	Power Industry	KWT	Kuwait	0.00325884
GWP_100_AR5_N2O	Power Industry	LAO	Laos	6.2681E-05
GWP_100_AR5_N2O	Power Industry	LBN	Lebanon	0.00053691
GWP_100_AR5_N2O	Power Industry	LBR	Liberia	9.0064E-06
GWP_100_AR5_N2O	Power Industry	LBY	Libya	0.00084407
GWP_100_AR5_N2O	Power Industry	LCA	Saint Lucia	4.2893E-05
GWP_100_AR5_N2O	Power Industry	LKA	Sri Lanka	7.4984E-05

GWP_100_AR5_N2O	Power Industry	LSO	Lesotho	6.928E-07
GWP_100_AR5_N2O	Power Industry	LTU	Lithuania	0.00431977
GWP_100_AR5_N2O	Power Industry	LUX	Luxembourg	0.0006646
GWP_100_AR5_N2O	Power Industry	LVA	Latvia	0.00744225
GWP_100_AR5_N2O	Power Industry	MAC	Macao	5.5368E-05
GWP_100_AR5_N2O	Power Industry	MAR	Morocco	0.00236944
GWP_100_AR5_N2O	Power Industry	MDA	Moldova	0.01424026
GWP_100_AR5_N2O	Power Industry	MDG	Madagascar	0.00043368
GWP_100_AR5_N2O	Power Industry	MDV	Maldives	1.7459E-06
GWP_100_AR5_N2O	Power Industry	MEX	Mexico	0.01472267
GWP_100_AR5_N2O	Power Industry	MKD	North Macedonia	0.00535549
GWP_100_AR5_N2O	Power Industry	MLI	Mali	2.0784E-06
GWP_100_AR5_N2O	Power Industry	MLT	Malta	0.00037496
GWP_100_AR5_N2O	Power Industry	MMR	Myanmar/Burma	0.00042345
GWP_100_AR5_N2O	Power Industry	MNG	Mongolia	0.00020993
GWP_100_AR5_N2O	Power Industry	MOZ	Mozambique	0.00280433
GWP_100_AR5_N2O	Power Industry	MRT	Mauritania	2.9098E-06
GWP_100_AR5_N2O	Power Industry	MTQ	Martinique	0.00019829
GWP_100_AR5_N2O	Power Industry	MUS	Mauritius	0.00053421
GWP_100_AR5_N2O	Power Industry	MWI	Malawi	2.0784E-06
GWP_100_AR5_N2O	Power Industry	MYS	Malaysia	0.00239868
GWP_100_AR5_N2O	Power Industry	NAM	Namibia	6.928E-06
GWP_100_AR5_N2O	Power Industry	NCL	New Caledonia	0.00015029
GWP_100_AR5_N2O	Power Industry	NER	Niger	8.2616E-05
GWP_100_AR5_N2O	Power Industry	NGA	Nigeria	0.00105225
GWP_100_AR5_N2O	Power Industry	NIC	Nicaragua	0.00079322
GWP_100_AR5_N2O	Power Industry	NLD	Netherlands	0.04902443
GWP_100_AR5_N2O	Power Industry	NOR	Norway	0.00067351
GWP_100_AR5_N2O	Power Industry	NPL	Nepal	6.1962E-05
GWP_100_AR5_N2O	Power Industry	NZL	New Zealand	0.00415959
GWP_100_AR5_N2O	Power Industry	OMN	Oman	2.7539E-05
GWP_100_AR5_N2O	Power Industry	PAK	Pakistan	0.04246165
GWP_100_AR5_N2O	Power Industry	PAN	Panama	0.00132091
GWP_100_AR5_N2O	Power Industry	PER	Peru	0.0053933
GWP_100_AR5_N2O	Power Industry	PHL	Philippines	0.00694809
GWP_100_AR5_N2O	Power Industry	PLW	Palau	0.00089337
GWP_100_AR5_N2O	Power Industry	PNG	Papua New Guinea	0.0002162
GWP_100_AR5_N2O	Power Industry	POL	Poland	0.53143676
GWP_100_AR5_N2O	Power Industry	PRI	Puerto Rico	0.04416759
GWP_100_AR5_N2O	Power Industry	PRK	North Korea	0.02909098
GWP_100_AR5_N2O	Power Industry	PRT	Portugal	0.00901037
GWP_100_AR5_N2O	Power Industry	PRY	Paraguay	0.00173818
GWP_100_AR5_N2O	Power Industry	PYF	French Polynesia	2.5923E-05
GWP_100_AR5_N2O	Power Industry	QAT	Qatar	0.00064593
GWP_100_AR5_N2O	Power Industry	REU	Réunion	2.979E-06
GWP_100_AR5_N2O	Power Industry	ROU	Romania	0.06776809
GWP_100_AR5_N2O	Power Industry	RUS	Russia	1.22617977
GWP_100_AR5_N2O	Power Industry	RWA	Rwanda	
GWP_100_AR5_N2O	Power Industry	SAU	Saudi Arabia	0.00362733
GWP_100_AR5_N2O	Power Industry	SCG	Serbia and Montenegro	0.03854555
GWP_100_AR5_N2O	Power Industry	SDN	Sudan and South Sudan	0.00035892

GWP_100_AR5_N2O	Power Industry	SEN	Senegal	0.00254676
GWP_100_AR5_N2O	Power Industry	SGP	Singapore	0.0023045
GWP_100_AR5_N2O	Power Industry	SHN	Saint Helena, Ascension and Tristan da Cunha	1.1667E-06
GWP_100_AR5_N2O	Power Industry	SLB	Solomon Islands	1.225E-05
GWP_100_AR5_N2O	Power Industry	SLE	Sierra Leone	3.361E-06
GWP_100_AR5_N2O	Power Industry	SLV	El Salvador	0.00018217
GWP_100_AR5_N2O	Power Industry	SOM	Somalia	5.4731E-06
GWP_100_AR5_N2O	Power Industry	SPM	Saint Pierre and Miquelon	5.3617E-05
GWP_100_AR5_N2O	Power Industry	STP	São Tomé and Príncipe	1.3856E-07
GWP_100_AR5_N2O	Power Industry	SUR	Suriname	0.00069322
GWP_100_AR5_N2O	Power Industry	SVK	Slovakia	0.01862436
GWP_100_AR5_N2O	Power Industry	SVN	Slovenia	0.00064649
GWP_100_AR5_N2O	Power Industry	SWE	Sweden	0.01869453
GWP_100_AR5_N2O	Power Industry	SWZ	Eswatini	
GWP_100_AR5_N2O	Power Industry	SYC	Seychelles	1.0392E-06
GWP_100_AR5_N2O	Power Industry	SYR	Syria	0.00110729
GWP_100_AR5_N2O	Power Industry	TCA	Turks and Caicos Islands	4.7687E-06
GWP_100_AR5_N2O	Power Industry	TCD	Chad	1.3856E-06
GWP_100_AR5_N2O	Power Industry	TGO	Togo	0.00017212
GWP_100_AR5_N2O	Power Industry	THA	Thailand	0.00502806
GWP_100_AR5_N2O	Power Industry	TJK	Tajikistan	0.00023433
GWP_100_AR5_N2O	Power Industry	TKM	Turkmenistan	0.0015384
GWP_100_AR5_N2O	Power Industry	TLS	Timor-Leste	4.6728E-07
GWP_100_AR5_N2O	Power Industry	TON	Tonga	3.4597E-06
GWP_100_AR5_N2O	Power Industry	TTO	Trinidad and Tobago	0.00137769
GWP_100_AR5_N2O	Power Industry	TUN	Tunisia	0.00175776
GWP_100_AR5_N2O	Power Industry	TUR	Türkiye	0.17874355
GWP_100_AR5_N2O	Power Industry	TWN	Taiwan	0.01635298
GWP_100_AR5_N2O	Power Industry	TZA	Tanzania	0.00045439
GWP_100_AR5_N2O	Power Industry	UGA	Uganda	0.00043566
GWP_100_AR5_N2O	Power Industry	UKR	Ukraine	0.40713926
GWP_100_AR5_N2O	Power Industry	URY	Uruguay	0.00132617
GWP_100_AR5_N2O	Power Industry	USA	United States	4.0271674
GWP_100_AR5_N2O	Power Industry	UZB	Uzbekistan	0.02952165
GWP_100_AR5_N2O	Power Industry	VCT	Saint Vincent and the Grenadines	1.6085E-05
GWP_100_AR5_N2O	Power Industry	VEN	Venezuela	0.00441235
GWP_100_AR5_N2O	Power Industry	VGB	British Virgin Islands	1.0723E-05
GWP_100_AR5_N2O	Power Industry	VNM	Viet Nam	0.00732411
GWP_100_AR5_N2O	Power Industry	VUT	Vanuatu	1.3862E-05
GWP_100_AR5_N2O	Power Industry	WSM	Samoa	1.2221E-05
GWP_100_AR5_N2O	Power Industry	YEM	Yemen	0.00038256
GWP_100_AR5_N2O	Power Industry	ZAF	South Africa	0.24494153
GWP_100_AR5_N2O	Power Industry	ZMB	Zambia	0.00128343
GWP_100_AR5_N2O	Power Industry	ZWE	Zimbabwe	0.00311731
GWP_100_AR5_N2O	Processes	ABW	Aruba	0.00017806
GWP_100_AR5_N2O	Processes	AFG	Afghanistan	0.00899425
GWP_100_AR5_N2O	Processes	AGO	Angola	0.1439764
GWP_100_AR5_N2O	Processes	AIA	Anguilla	3.2365E-05
GWP_100_AR5_N2O	Processes	AIR	International Aviation	1.28442068
GWP_100_AR5_N2O	Processes	ALB	Albania	0.03620591
GWP_100_AR5_N2O	Processes	ANT	Curaçao	0.12040709

GWP_100_AR5_N2O	Processes	ARE	United Arab Emirates	0.03483233
GWP_100_AR5_N2O	Processes	ARG	Argentina	0.85004506
GWP_100_AR5_N2O	Processes	ARM	Armenia	0.04745498
GWP_100_AR5_N2O	Processes	ATG	Antigua and Barbuda	0.00085239
GWP_100_AR5_N2O	Processes	AUS	Australia	1.80924861
GWP_100_AR5_N2O	Processes	AUT	Austria	2.19755198
GWP_100_AR5_N2O	Processes	AZE	Azerbaijan	0.11070462
GWP_100_AR5_N2O	Processes	BDI	Burundi	0.02843317
GWP_100_AR5_N2O	Processes	BEL	Belgium	5.31390315
GWP_100_AR5_N2O	Processes	BEN	Benin	0.02926171
GWP_100_AR5_N2O	Processes	BFA	Burkina Faso	0.05015446
GWP_100_AR5_N2O	Processes	BGD	Bangladesh	0.18585411
GWP_100_AR5_N2O	Processes	BGR	Bulgaria	2.33217912
GWP_100_AR5_N2O	Processes	BHR	Bahrain	0.01323366
GWP_100_AR5_N2O	Processes	BHS	Bahamas	0.00715198
GWP_100_AR5_N2O	Processes	BIH	Bosnia and Herzegovina	0.07663233
GWP_100_AR5_N2O	Processes	BLR	Belarus	3.85551174
GWP_100_AR5_N2O	Processes	BLZ	Belize	0.00374261
GWP_100_AR5_N2O	Processes	BMU	Bermuda	0.00169734
GWP_100_AR5_N2O	Processes	BOL	Bolivia	0.03537558
GWP_100_AR5_N2O	Processes	BRA	Brazil	5.27877549
GWP_100_AR5_N2O	Processes	BRB	Barbados	0.00468491
GWP_100_AR5_N2O	Processes	BRN	Brunei	0.00337102
GWP_100_AR5_N2O	Processes	BTN	Bhutan	0.00569325
GWP_100_AR5_N2O	Processes	BWA	Botswana	0.0085217
GWP_100_AR5_N2O	Processes	CAF	Central African Republic	0.0133752
GWP_100_AR5_N2O	Processes	CAN	Canada	8.84800272
GWP_100_AR5_N2O	Processes	CHE	Switzerland and Liechtenst	0.56001789
GWP_100_AR5_N2O	Processes	CHL	Chile	0.22201654
GWP_100_AR5_N2O	Processes	CHN	China	16.4211999
GWP_100_AR5_N2O	Processes	CIV	Côte d'Ivoire	0.0654466
GWP_100_AR5_N2O	Processes	CMR	Cameroon	0.0615846
GWP_100_AR5_N2O	Processes	COD	Democratic Republic of the	0.15835266
GWP_100_AR5_N2O	Processes	COG	Congo	0.0146072
GWP_100_AR5_N2O	Processes	COK	Cook Islands	0.00025091
GWP_100_AR5_N2O	Processes	COL	Colombia	0.52854694
GWP_100_AR5_N2O	Processes	COM	Comoros	0.00062085
GWP_100_AR5_N2O	Processes	CPV	Cabo Verde	0.00130079
GWP_100_AR5_N2O	Processes	CRI	Costa Rica	0.02459969
GWP_100_AR5_N2O	Processes	CUB	Cuba	0.79048046
GWP_100_AR5_N2O	Processes	CYM	Cayman Islands	0.00031275
GWP_100_AR5_N2O	Processes	CYP	Cyprus	0.04299217
GWP_100_AR5_N2O	Processes	CZE	Czechia	2.75580033
GWP_100_AR5_N2O	Processes	DEU	Germany	34.013418
GWP_100_AR5_N2O	Processes	DJI	Djibouti	0.00337992
GWP_100_AR5_N2O	Processes	DMA	Dominica	0.00042687
GWP_100_AR5_N2O	Processes	DNK	Denmark	2.61375403
GWP_100_AR5_N2O	Processes	DOM	Dominican Republic	0.08536342
GWP_100_AR5_N2O	Processes	DZA	Algeria	0.43552621
GWP_100_AR5_N2O	Processes	ECU	Ecuador	0.0754155
GWP_100_AR5_N2O	Processes	EGY	Egypt	1.96718548



GWP_100_AR5_N2O	Processes	ERI	Eritrea	0.01319572
GWP_100_AR5_N2O	Processes	ESH	Western Sahara	0.00040565
GWP_100_AR5_N2O	Processes	ESP	Spain and Andorra	3.8679603
GWP_100_AR5_N2O	Processes	EST	Estonia	0.11946199
GWP_100_AR5_N2O	Processes	ETH	Ethiopia	0.23412911
GWP_100_AR5_N2O	Processes	FIN	Finland	1.69198246
GWP_100_AR5_N2O	Processes	FJI	Fiji	0.0159595
GWP_100_AR5_N2O	Processes	FLK	Falkland Islands	5.9253E-05
GWP_100_AR5_N2O	Processes	FRA	France and Monaco	27.1026639
GWP_100_AR5_N2O	Processes	FRO	Faroes	0.00045053
GWP_100_AR5_N2O	Processes	GAB	Gabon	0.01407648
GWP_100_AR5_N2O	Processes	GBR	United Kingdom	4.27945269
GWP_100_AR5_N2O	Processes	GEO	Georgia	1.12255766
GWP_100_AR5_N2O	Processes	GHA	Ghana	0.06924478
GWP_100_AR5_N2O	Processes	GIB	Gibraltar	0.00097985
GWP_100_AR5_N2O	Processes	GIN	Guinea	0.06183792
GWP_100_AR5_N2O	Processes	GLP	Guadeloupe	0.0026226
GWP_100_AR5_N2O	Processes	GMB	The Gambia	0.00226541
GWP_100_AR5_N2O	Processes	GNB	Guinea-Bissau	0.00667041
GWP_100_AR5_N2O	Processes	GNQ	Equatorial Guinea	0.00240365
GWP_100_AR5_N2O	Processes	GRC	Greece	1.30577564
GWP_100_AR5_N2O	Processes	GRD	Grenada	0.00014419
GWP_100_AR5_N2O	Processes	GRL	Greenland	0.00053112
GWP_100_AR5_N2O	Processes	GTM	Guatemala	0.08116048
GWP_100_AR5_N2O	Processes	GUF	French Guiana	0.00127081
GWP_100_AR5_N2O	Processes	GUY	Guyana	0.02060238
GWP_100_AR5_N2O	Processes	HKG	Hong Kong	0.0633369
GWP_100_AR5_N2O	Processes	HND	Honduras	0.03732648
GWP_100_AR5_N2O	Processes	HRV	Croatia	1.11557509
GWP_100_AR5_N2O	Processes	HTI	Haiti	0.0714923
GWP_100_AR5_N2O	Processes	HUN	Hungary	3.66776151
GWP_100_AR5_N2O	Processes	IDN	Indonesia	1.11407483
GWP_100_AR5_N2O	Processes	IND	India	3.84342303
GWP_100_AR5_N2O	Processes	IRL	Ireland	1.05644375
GWP_100_AR5_N2O	Processes	IRN	Iran	1.82186947
GWP_100_AR5_N2O	Processes	IRQ	Iraq	0.46390679
GWP_100_AR5_N2O	Processes	ISL	Iceland	0.01100878
GWP_100_AR5_N2O	Processes	ISR	Israel and Palestine, State of	0.5202349
GWP_100_AR5_N2O	Processes	ITA	Italy, San Marino and the Holy See	11.5397871
GWP_100_AR5_N2O	Processes	JAM	Jamaica	0.06037875
GWP_100_AR5_N2O	Processes	JOR	Jordan	0.08142168
GWP_100_AR5_N2O	Processes	JPN	Japan	11.5656837
GWP_100_AR5_N2O	Processes	KAZ	Kazakhstan	1.09800353
GWP_100_AR5_N2O	Processes	KEN	Kenya	0.15623359
GWP_100_AR5_N2O	Processes	KGZ	Kyrgyzstan	0.09068774
GWP_100_AR5_N2O	Processes	KHM	Cambodia	0.02501845
GWP_100_AR5_N2O	Processes	KIR	Kiribati	0.00041798
GWP_100_AR5_N2O	Processes	KNA	Saint Kitts and Nevis	0.00071944
GWP_100_AR5_N2O	Processes	KOR	South Korea	0.26469601
GWP_100_AR5_N2O	Processes	KWT	Kuwait	0.09672518
GWP_100_AR5_N2O	Processes	LAO	Laos	0.01149643

GWP_100_AR5_N2O	Processes	LBN	Lebanon	0.12479768
GWP_100_AR5_N2O	Processes	LBR	Liberia	0.01495964
GWP_100_AR5_N2O	Processes	LBY	Libya	0.04271529
GWP_100_AR5_N2O	Processes	LCA	Saint Lucia	0.00059373
GWP_100_AR5_N2O	Processes	LKA	Sri Lanka	0.08908267
GWP_100_AR5_N2O	Processes	LSO	Lesotho	0.0208102
GWP_100_AR5_N2O	Processes	LTU	Lithuania	1.54170312
GWP_100_AR5_N2O	Processes	LUX	Luxembourg	0.03473847
GWP_100_AR5_N2O	Processes	LVA	Latvia	0.07726595
GWP_100_AR5_N2O	Processes	MAC	Macao	0.00211198
GWP_100_AR5_N2O	Processes	MAR	Morocco	0.06496631
GWP_100_AR5_N2O	Processes	MDA	Moldova	0.06042152
GWP_100_AR5_N2O	Processes	MDG	Madagascar	0.0348036
GWP_100_AR5_N2O	Processes	MDV	Maldives	9.9602E-05
GWP_100_AR5_N2O	Processes	MEX	Mexico	1.73167918
GWP_100_AR5_N2O	Processes	MKD	North Macedonia	0.02546305
GWP_100_AR5_N2O	Processes	MLI	Mali	0.02033848
GWP_100_AR5_N2O	Processes	MLT	Malta	0.00661784
GWP_100_AR5_N2O	Processes	MMR	Myanmar/Burma	0.18874054
GWP_100_AR5_N2O	Processes	MNG	Mongolia	0.03058533
GWP_100_AR5_N2O	Processes	MOZ	Mozambique	0.20923914
GWP_100_AR5_N2O	Processes	MRT	Mauritania	0.00697087
GWP_100_AR5_N2O	Processes	MTQ	Martinique	0.00168292
GWP_100_AR5_N2O	Processes	MUS	Mauritius	0.0228701
GWP_100_AR5_N2O	Processes	MWI	Malawi	0.05545636
GWP_100_AR5_N2O	Processes	MYS	Malaysia	0.2479049
GWP_100_AR5_N2O	Processes	NAM	Namibia	0.01023776
GWP_100_AR5_N2O	Processes	NCL	New Caledonia	0.00792334
GWP_100_AR5_N2O	Processes	NER	Niger	0.01571751
GWP_100_AR5_N2O	Processes	NGA	Nigeria	0.75634762
GWP_100_AR5_N2O	Processes	NIC	Nicaragua	0.03453849
GWP_100_AR5_N2O	Processes	NLD	Netherlands	7.65045605
GWP_100_AR5_N2O	Processes	NOR	Norway	4.91014296
GWP_100_AR5_N2O	Processes	NPL	Nepal	0.09064691
GWP_100_AR5_N2O	Processes	NZL	New Zealand	0.14320907
GWP_100_AR5_N2O	Processes	OMN	Oman	0.03591027
GWP_100_AR5_N2O	Processes	PAK	Pakistan	1.16948332
GWP_100_AR5_N2O	Processes	PAN	Panama	0.02986752
GWP_100_AR5_N2O	Processes	PER	Peru	0.3814327
GWP_100_AR5_N2O	Processes	PHL	Philippines	0.43148555
GWP_100_AR5_N2O	Processes	PLW	Palau	0.01808147
GWP_100_AR5_N2O	Processes	PNG	Papua New Guinea	0.01559808
GWP_100_AR5_N2O	Processes	POL	Poland	10.720832
GWP_100_AR5_N2O	Processes	PRI	Puerto Rico	0.22668314
GWP_100_AR5_N2O	Processes	PRK	North Korea	0.30801332
GWP_100_AR5_N2O	Processes	PRT	Portugal	1.28308871
GWP_100_AR5_N2O	Processes	PRY	Paraguay	0.04230615
GWP_100_AR5_N2O	Processes	PYF	French Polynesia	0.00161248
GWP_100_AR5_N2O	Processes	QAT	Qatar	0.0208791
GWP_100_AR5_N2O	Processes	REU	Réunion	0.00588481
GWP_100_AR5_N2O	Processes	ROU	Romania	6.14944918

GWP_100_AR5_N2O	Processes	RUS	Russia	28.8836699
GWP_100_AR5_N2O	Processes	RWA	Rwanda	0.09294735
GWP_100_AR5_N2O	Processes	SAU	Saudi Arabia	0.34486825
GWP_100_AR5_N2O	Processes	SCG	Serbia and Montenegro	1.00649436
GWP_100_AR5_N2O	Processes	SDN	Sudan and South Sudan	0.20091763
GWP_100_AR5_N2O	Processes	SEA	International Shipping	10.5679562
GWP_100_AR5_N2O	Processes	SEN	Senegal	0.04290998
GWP_100_AR5_N2O	Processes	SGP	Singapore	0.04739948
GWP_100_AR5_N2O	Processes	SHN	Saint Helena, Ascension and Tristan da Cunha	2.5959E-05
GWP_100_AR5_N2O	Processes	SLB	Solomon Islands	0.00148606
GWP_100_AR5_N2O	Processes	SLE	Sierra Leone	0.03882779
GWP_100_AR5_N2O	Processes	SLV	El Salvador	0.04257393
GWP_100_AR5_N2O	Processes	SOM	Somalia	0.02937373
GWP_100_AR5_N2O	Processes	SPM	Saint Pierre and Miquelon	0.00029344
GWP_100_AR5_N2O	Processes	STP	São Tomé and Príncipe	0.00044845
GWP_100_AR5_N2O	Processes	SUR	Suriname	0.0066237
GWP_100_AR5_N2O	Processes	SVK	Slovakia	1.27608225
GWP_100_AR5_N2O	Processes	SVN	Slovenia	0.08328644
GWP_100_AR5_N2O	Processes	SWE	Sweden	1.98280861
GWP_100_AR5_N2O	Processes	SWZ	Eswatini	0.02227531
GWP_100_AR5_N2O	Processes	SYC	Seychelles	0.00048357
GWP_100_AR5_N2O	Processes	SYR	Syria	0.52565058
GWP_100_AR5_N2O	Processes	TCA	Turks and Caicos Islands	4.5988E-05
GWP_100_AR5_N2O	Processes	TCD	Chad	0.02481372
GWP_100_AR5_N2O	Processes	TGO	Togo	0.0215019
GWP_100_AR5_N2O	Processes	THA	Thailand	0.44824182
GWP_100_AR5_N2O	Processes	TJK	Tajikistan	0.01614242
GWP_100_AR5_N2O	Processes	TKM	Turkmenistan	0.40378082
GWP_100_AR5_N2O	Processes	TLS	Timor-Leste	0.0004004
GWP_100_AR5_N2O	Processes	TON	Tonga	0.00060145
GWP_100_AR5_N2O	Processes	TTO	Trinidad and Tobago	0.02152305
GWP_100_AR5_N2O	Processes	TUN	Tunisia	0.60513263
GWP_100_AR5_N2O	Processes	TUR	Türkiye	1.77202518
GWP_100_AR5_N2O	Processes	TWN	Taiwan	0.36933367
GWP_100_AR5_N2O	Processes	TZA	Tanzania	0.18471902
GWP_100_AR5_N2O	Processes	UGA	Uganda	0.11591265
GWP_100_AR5_N2O	Processes	UKR	Ukraine	14.1036851
GWP_100_AR5_N2O	Processes	URY	Uruguay	0.05195008
GWP_100_AR5_N2O	Processes	USA	United States	115.638977
GWP_100_AR5_N2O	Processes	UZB	Uzbekistan	0.28340067
GWP_100_AR5_N2O	Processes	VCT	Saint Vincent and the Grenadines	0.00049353
GWP_100_AR5_N2O	Processes	VEN	Venezuela	0.37495438
GWP_100_AR5_N2O	Processes	VGB	British Virgin Islands	0.00010514
GWP_100_AR5_N2O	Processes	VNM	Viet Nam	0.28344414
GWP_100_AR5_N2O	Processes	VUT	Vanuatu	0.00104129
GWP_100_AR5_N2O	Processes	WSM	Samoa	0.00141241
GWP_100_AR5_N2O	Processes	YEM	Yemen	0.26346485
GWP_100_AR5_N2O	Processes	ZAF	South Africa	2.59536189
GWP_100_AR5_N2O	Processes	ZMB	Zambia	0.78301468
GWP_100_AR5_N2O	Processes	ZWE	Zimbabwe	0.17017545
GWP_100_AR5_N2O	Transport	ABW	Aruba	1.7449E-05

GWP_100_AR5_N2O	Transport	AFG	Afghanistan	0.0019628
GWP_100_AR5_N2O	Transport	AGO	Angola	0.00777177
GWP_100_AR5_N2O	Transport	AIA	Anguilla	1.6453E-05
GWP_100_AR5_N2O	Transport	AIR	International Aviation	1.25992089
GWP_100_AR5_N2O	Transport	ALB	Albania	0.00410226
GWP_100_AR5_N2O	Transport	ANT	Curaçao	0.02885073
GWP_100_AR5_N2O	Transport	ARE	United Arab Emirates	0.00382658
GWP_100_AR5_N2O	Transport	ARG	Argentina	0.28361634
GWP_100_AR5_N2O	Transport	ARM	Armenia	0.00870291
GWP_100_AR5_N2O	Transport	ATG	Antigua and Barbuda	7.1848E-05
GWP_100_AR5_N2O	Transport	AUS	Australia	0.40589734
GWP_100_AR5_N2O	Transport	AUT	Austria	0.10495189
GWP_100_AR5_N2O	Transport	AZE	Azerbaijan	0.0410249
GWP_100_AR5_N2O	Transport	BDI	Burundi	5.0008E-05
GWP_100_AR5_N2O	Transport	BEL	Belgium	0.15235142
GWP_100_AR5_N2O	Transport	BEN	Benin	0.00191552
GWP_100_AR5_N2O	Transport	BFA	Burkina Faso	0.00021432
GWP_100_AR5_N2O	Transport	BGD	Bangladesh	0.00501157
GWP_100_AR5_N2O	Transport	BGR	Bulgaria	0.0380902
GWP_100_AR5_N2O	Transport	BHR	Bahrain	0.00179681
GWP_100_AR5_N2O	Transport	BHS	Bahamas	0.00071848
GWP_100_AR5_N2O	Transport	BIH	Bosnia and Herzegovina	0.00942118
GWP_100_AR5_N2O	Transport	BLR	Belarus	0.25121709
GWP_100_AR5_N2O	Transport	BLZ	Belize	4.1056E-05
GWP_100_AR5_N2O	Transport	BMU	Bermuda	9.7509E-05
GWP_100_AR5_N2O	Transport	BOL	Bolivia	0.00891924
GWP_100_AR5_N2O	Transport	BRA	Brazil	0.53682905
GWP_100_AR5_N2O	Transport	BRB	Barbados	0.00017192
GWP_100_AR5_N2O	Transport	BRN	Brunei	0.00046705
GWP_100_AR5_N2O	Transport	BTN	Bhutan	5.608E-06
GWP_100_AR5_N2O	Transport	BWA	Botswana	0.00109706
GWP_100_AR5_N2O	Transport	CAF	Central African Republic	7.144E-05
GWP_100_AR5_N2O	Transport	CAN	Canada	1.3045116
GWP_100_AR5_N2O	Transport	CHE	Switzerland and Liechtenst	0.09482802
GWP_100_AR5_N2O	Transport	CHL	Chile	0.09044298
GWP_100_AR5_N2O	Transport	CHN	China	0.17433734
GWP_100_AR5_N2O	Transport	CIV	Côte d'Ivoire	0.01053926
GWP_100_AR5_N2O	Transport	CMR	Cameroon	0.00442761
GWP_100_AR5_N2O	Transport	COD	Democratic Republic of the	0.0034384
GWP_100_AR5_N2O	Transport	COG	Congo	0.00264105
GWP_100_AR5_N2O	Transport	COK	Cook Islands	6.5776E-05
GWP_100_AR5_N2O	Transport	COL	Colombia	0.04580445
GWP_100_AR5_N2O	Transport	COM	Comoros	2.1432E-05
GWP_100_AR5_N2O	Transport	CPV	Cabo Verde	0.00015002
GWP_100_AR5_N2O	Transport	CRI	Costa Rica	0.00289583
GWP_100_AR5_N2O	Transport	CUB	Cuba	0.04278092
GWP_100_AR5_N2O	Transport	CYM	Cayman Islands	1.7962E-05
GWP_100_AR5_N2O	Transport	CYP	Cyprus	0.00423688
GWP_100_AR5_N2O	Transport	CZE	Czechia	0.0416573
GWP_100_AR5_N2O	Transport	DEU	Germany	1.29904403
GWP_100_AR5_N2O	Transport	DJI	Djibouti	0.0007144

GWP_100_AR5_N2O	Transport	DMA	Dominica	5.132E-06
GWP_100_AR5_N2O	Transport	DNK	Denmark	0.09570192
GWP_100_AR5_N2O	Transport	DOM	Dominican Republic	0.01602062
GWP_100_AR5_N2O	Transport	DZA	Algeria	0.02703906
GWP_100_AR5_N2O	Transport	ECU	Ecuador	0.01029087
GWP_100_AR5_N2O	Transport	EGY	Egypt	0.02188793
GWP_100_AR5_N2O	Transport	ERI	Eritrea	0.00046637
GWP_100_AR5_N2O	Transport	ESH	Western Sahara	0.00012218
GWP_100_AR5_N2O	Transport	ESP	Spain and Andorra	0.36833116
GWP_100_AR5_N2O	Transport	EST	Estonia	0.0300248
GWP_100_AR5_N2O	Transport	ETH	Ethiopia	0.0053086
GWP_100_AR5_N2O	Transport	FIN	Finland	0.08826193
GWP_100_AR5_N2O	Transport	FJI	Fiji	0.00233507
GWP_100_AR5_N2O	Transport	FLK	Falkland Islands	2.0528E-06
GWP_100_AR5_N2O	Transport	FRA	France and Monaco	0.7352729
GWP_100_AR5_N2O	Transport	GAB	Gabon	
GWP_100_AR5_N2O	Transport	GBR	United Kingdom	1.04226642
GWP_100_AR5_N2O	Transport	GEO	Georgia	0.04394303
GWP_100_AR5_N2O	Transport	GHA	Ghana	0.01265645
GWP_100_AR5_N2O	Transport	GIB	Gibraltar	0.00024142
GWP_100_AR5_N2O	Transport	GIN	Guinea	0.00040007
GWP_100_AR5_N2O	Transport	GLP	Guadeloupe	8.9811E-05
GWP_100_AR5_N2O	Transport	GMB	The Gambia	7.8584E-05
GWP_100_AR5_N2O	Transport	GNB	Guinea-Bissau	4.2864E-05
GWP_100_AR5_N2O	Transport	GNQ	Equatorial Guinea	0.00010264
GWP_100_AR5_N2O	Transport	GRC	Greece	0.07077073
GWP_100_AR5_N2O	Transport	GRD	Grenada	7.698E-06
GWP_100_AR5_N2O	Transport	GRL	Greenland	
GWP_100_AR5_N2O	Transport	GTM	Guatemala	0.00703702
GWP_100_AR5_N2O	Transport	GUF	French Guiana	6.415E-05
GWP_100_AR5_N2O	Transport	GUY	Guyana	0.00232126
GWP_100_AR5_N2O	Transport	HKG	Hong Kong	0.01450237
GWP_100_AR5_N2O	Transport	HND	Honduras	0.00574164
GWP_100_AR5_N2O	Transport	HRV	Croatia	0.02211724
GWP_100_AR5_N2O	Transport	HTI	Haiti	0.00068332
GWP_100_AR5_N2O	Transport	HUN	Hungary	0.10257196
GWP_100_AR5_N2O	Transport	IDN	Indonesia	0.0920839
GWP_100_AR5_N2O	Transport	IND	India	0.76976447
GWP_100_AR5_N2O	Transport	IRL	Ireland	0.03971292
GWP_100_AR5_N2O	Transport	IRN	Iran	0.07655799
GWP_100_AR5_N2O	Transport	IRQ	Iraq	0.02396189
GWP_100_AR5_N2O	Transport	ISL	Iceland	0.00274783
GWP_100_AR5_N2O	Transport	ISR	Israel and Palestine, State of	0.03212926
GWP_100_AR5_N2O	Transport	ITA	Italy, San Marino and the Holy See	0.48001167
GWP_100_AR5_N2O	Transport	JAM	Jamaica	0.01252154
GWP_100_AR5_N2O	Transport	JOR	Jordan	0.00502335
GWP_100_AR5_N2O	Transport	JPN	Japan	1.46096643
GWP_100_AR5_N2O	Transport	KAZ	Kazakhstan	0.22059273
GWP_100_AR5_N2O	Transport	KEN	Kenya	0.05604844
GWP_100_AR5_N2O	Transport	KGZ	Kyrgyzstan	0.03410994
GWP_100_AR5_N2O	Transport	KHM	Cambodia	0.00047533

GWP_100_AR5_N2O	Transport	KIR	Kiribati	6.5776E-05
GWP_100_AR5_N2O	Transport	KNA	Saint Kitts and Nevis	1.0264E-05
GWP_100_AR5_N2O	Transport	KOR	South Korea	0.02518384
GWP_100_AR5_N2O	Transport	KWT	Kuwait	0.01691251
GWP_100_AR5_N2O	Transport	LAO	Laos	0.00075052
GWP_100_AR5_N2O	Transport	LBN	Lebanon	0.00986034
GWP_100_AR5_N2O	Transport	LBR	Liberia	0.00092872
GWP_100_AR5_N2O	Transport	LBY	Libya	0.00465568
GWP_100_AR5_N2O	Transport	LCA	Saint Lucia	2.0528E-05
GWP_100_AR5_N2O	Transport	LKA	Sri Lanka	0.04517137
GWP_100_AR5_N2O	Transport	LSO	Lesotho	7.144E-05
GWP_100_AR5_N2O	Transport	LTU	Lithuania	0.05531084
GWP_100_AR5_N2O	Transport	LUX	Luxembourg	0.00982038
GWP_100_AR5_N2O	Transport	LVA	Latvia	0.07208366
GWP_100_AR5_N2O	Transport	MAC	Macao	0.00068343
GWP_100_AR5_N2O	Transport	MAR	Morocco	0.01449524
GWP_100_AR5_N2O	Transport	MDA	Moldova	0.00657606
GWP_100_AR5_N2O	Transport	MDG	Madagascar	0.00378735
GWP_100_AR5_N2O	Transport	MDV	Maldives	2.804E-05
GWP_100_AR5_N2O	Transport	MEX	Mexico	0.18211427
GWP_100_AR5_N2O	Transport	MKD	North Macedonia	0.0035372
GWP_100_AR5_N2O	Transport	MLI	Mali	0.00021432
GWP_100_AR5_N2O	Transport	MLT	Malta	0.00140629
GWP_100_AR5_N2O	Transport	MMR	Myanmar/Burma	0.02074155
GWP_100_AR5_N2O	Transport	MNG	Mongolia	0.00256286
GWP_100_AR5_N2O	Transport	MOZ	Mozambique	0.00256597
GWP_100_AR5_N2O	Transport	MRT	Mauritania	0.00030005
GWP_100_AR5_N2O	Transport	MTQ	Martinique	0.00011547
GWP_100_AR5_N2O	Transport	MUS	Mauritius	0.00097304
GWP_100_AR5_N2O	Transport	MWI	Malawi	0.00021432
GWP_100_AR5_N2O	Transport	MYS	Malaysia	0.04789209
GWP_100_AR5_N2O	Transport	NAM	Namibia	0.0007144
GWP_100_AR5_N2O	Transport	NCL	New Caledonia	0.00328882
GWP_100_AR5_N2O	Transport	NER	Niger	0.0009556
GWP_100_AR5_N2O	Transport	NGA	Nigeria	0.02680689
GWP_100_AR5_N2O	Transport	NIC	Nicaragua	0.00911806
GWP_100_AR5_N2O	Transport	NLD	Netherlands	0.18225548
GWP_100_AR5_N2O	Transport	NOR	Norway	0.06953098
GWP_100_AR5_N2O	Transport	NPL	Nepal	0.00147667
GWP_100_AR5_N2O	Transport	NZL	New Zealand	0.04251189
GWP_100_AR5_N2O	Transport	OMN	Oman	0.00073402
GWP_100_AR5_N2O	Transport	PAK	Pakistan	0.13449119
GWP_100_AR5_N2O	Transport	PAN	Panama	0.00793013
GWP_100_AR5_N2O	Transport	PER	Peru	0.04980295
GWP_100_AR5_N2O	Transport	PHL	Philippines	0.11131368
GWP_100_AR5_N2O	Transport	PLW	Palau	0.00831723
GWP_100_AR5_N2O	Transport	PNG	Papua New Guinea	0.00300209
GWP_100_AR5_N2O	Transport	POL	Poland	0.26128578
GWP_100_AR5_N2O	Transport	PRI	Puerto Rico	0.00634538
GWP_100_AR5_N2O	Transport	PRK	North Korea	0.02041023
GWP_100_AR5_N2O	Transport	PRT	Portugal	0.052587

GWP_100_AR5_N2O	Transport	PRY	Paraguay	0.00607411
GWP_100_AR5_N2O	Transport	PYF	French Polynesia	0.00049332
GWP_100_AR5_N2O	Transport	QAT	Qatar	0.00227979
GWP_100_AR5_N2O	Transport	REU	Réunion	0.00030719
GWP_100_AR5_N2O	Transport	ROU	Romania	0.05899272
GWP_100_AR5_N2O	Transport	RUS	Russia	3.46808109
GWP_100_AR5_N2O	Transport	RWA	Rwanda	0.00019469
GWP_100_AR5_N2O	Transport	SAU	Saudi Arabia	0.03214402
GWP_100_AR5_N2O	Transport	SCG	Serbia and Montenegro	0.01891835
GWP_100_AR5_N2O	Transport	SDN	Sudan and South Sudan	0.01547233
GWP_100_AR5_N2O	Transport	SEA	International Shipping	2.43606477
GWP_100_AR5_N2O	Transport	SEN	Senegal	0.00523073
GWP_100_AR5_N2O	Transport	SGP	Singapore	0.01924721
GWP_100_AR5_N2O	Transport	SHN	Saint Helena, Ascension and Tristan da Cunha	8.2907E-06
GWP_100_AR5_N2O	Transport	SLB	Solomon Islands	0.00023022
GWP_100_AR5_N2O	Transport	SLE	Sierra Leone	0.0003572
GWP_100_AR5_N2O	Transport	SLV	El Salvador	0.00736742
GWP_100_AR5_N2O	Transport	SOM	Somalia	0.00056438
GWP_100_AR5_N2O	Transport	SPM	Saint Pierre and Miquelon	2.6271E-05
GWP_100_AR5_N2O	Transport	STP	São Tomé and Príncipe	1.4288E-05
GWP_100_AR5_N2O	Transport	SUR	Suriname	0.00035924
GWP_100_AR5_N2O	Transport	SVK	Slovakia	0.02569785
GWP_100_AR5_N2O	Transport	SVN	Slovenia	0.01359391
GWP_100_AR5_N2O	Transport	SWE	Sweden	0.17315255
GWP_100_AR5_N2O	Transport	SWZ	Eswatini	0.00108477
GWP_100_AR5_N2O	Transport	SYC	Seychelles	0.00010716
GWP_100_AR5_N2O	Transport	SYR	Syria	0.01442812
GWP_100_AR5_N2O	Transport	TCA	Turks and Caicos Islands	2.2822E-06
GWP_100_AR5_N2O	Transport	TCD	Chad	0.00014288
GWP_100_AR5_N2O	Transport	TGO	Togo	0.00157937
GWP_100_AR5_N2O	Transport	THA	Thailand	0.0716528
GWP_100_AR5_N2O	Transport	TJK	Tajikistan	0.00181669
GWP_100_AR5_N2O	Transport	TKM	Turkmenistan	0.02105693
GWP_100_AR5_N2O	Transport	TLS	Timor-Leste	
GWP_100_AR5_N2O	Transport	TON	Tonga	6.5776E-05
GWP_100_AR5_N2O	Transport	TTO	Trinidad and Tobago	0.00775652
GWP_100_AR5_N2O	Transport	TUN	Tunisia	0.01005301
GWP_100_AR5_N2O	Transport	TUR	Türkiye	0.14186242
GWP_100_AR5_N2O	Transport	TWN	Taiwan	0.04038451
GWP_100_AR5_N2O	Transport	TZA	Tanzania	0.00554447
GWP_100_AR5_N2O	Transport	UGA	Uganda	0.00299069
GWP_100_AR5_N2O	Transport	UKR	Ukraine	0.68521745
GWP_100_AR5_N2O	Transport	URY	Uruguay	0.02205334
GWP_100_AR5_N2O	Transport	USA	United States	12.5106237
GWP_100_AR5_N2O	Transport	UZB	Uzbekistan	0.02056676
GWP_100_AR5_N2O	Transport	VCT	Saint Vincent and the Grenadines	7.698E-06
GWP_100_AR5_N2O	Transport	VEN	Venezuela	0.11165445
GWP_100_AR5_N2O	Transport	VGB	British Virgin Islands	5.132E-06
GWP_100_AR5_N2O	Transport	VNM	Viet Nam	0.01625218
GWP_100_AR5_N2O	Transport	VUT	Vanuatu	0.00026311
GWP_100_AR5_N2O	Transport	WSM	Samoa	0.00023022

GWP_100_AR5_N2O	Transport	YEM	Yemen	0.00600952
GWP_100_AR5_N2O	Transport	ZAF	South Africa	0.22554857
GWP_100_AR5_N2O	Transport	ZMB	Zambia	0.00642747
GWP_100_AR5_N2O	Transport	ZWE	Zimbabwe	0.02759151
GWP_100_AR5_N2O	Waste	ABW	Aruba	0.00044682
GWP_100_AR5_N2O	Waste	AFG	Afghanistan	0.05791641
GWP_100_AR5_N2O	Waste	AGO	Angola	0.04330399
GWP_100_AR5_N2O	Waste	AIA	Anguilla	
GWP_100_AR5_N2O	Waste	ALB	Albania	0.05275268
GWP_100_AR5_N2O	Waste	ANT	Curaçao	0.00066204
GWP_100_AR5_N2O	Waste	ARE	United Arab Emirates	0.00386675
GWP_100_AR5_N2O	Waste	ARG	Argentina	0.43702659
GWP_100_AR5_N2O	Waste	ARM	Armenia	0.02534497
GWP_100_AR5_N2O	Waste	ATG	Antigua and Barbuda	0.00058941
GWP_100_AR5_N2O	Waste	AUS	Australia	0.27671148
GWP_100_AR5_N2O	Waste	AUT	Austria	0.13655152
GWP_100_AR5_N2O	Waste	AZE	Azerbaijan	0.05943718
GWP_100_AR5_N2O	Waste	BDI	Burundi	0.03087945
GWP_100_AR5_N2O	Waste	BEL	Belgium	0.15406535
GWP_100_AR5_N2O	Waste	BEN	Benin	0.02007738
GWP_100_AR5_N2O	Waste	BFA	Burkina Faso	0.05107703
GWP_100_AR5_N2O	Waste	BGD	Bangladesh	0.50931248
GWP_100_AR5_N2O	Waste	BGR	Bulgaria	0.12633179
GWP_100_AR5_N2O	Waste	BHR	Bahrain	0.00189263
GWP_100_AR5_N2O	Waste	BHS	Bahamas	0.00229273
GWP_100_AR5_N2O	Waste	BIH	Bosnia and Herzegovina	0.09525288
GWP_100_AR5_N2O	Waste	BLR	Belarus	0.15358331
GWP_100_AR5_N2O	Waste	BLZ	Belize	0.00419517
GWP_100_AR5_N2O	Waste	BMU	Bermuda	0.00189485
GWP_100_AR5_N2O	Waste	BOL	Bolivia	0.03356936
GWP_100_AR5_N2O	Waste	BRA	Brazil	0.96001611
GWP_100_AR5_N2O	Waste	BRB	Barbados	0.00277065
GWP_100_AR5_N2O	Waste	BRN	Brunei	0.0012582
GWP_100_AR5_N2O	Waste	BTN	Bhutan	2.4132E-06
GWP_100_AR5_N2O	Waste	BWA	Botswana	0.00813424
GWP_100_AR5_N2O	Waste	CAF	Central African Republic	0.01125567
GWP_100_AR5_N2O	Waste	CAN	Canada	0.43266548
GWP_100_AR5_N2O	Waste	CHE	Switzerland and Liechtenst	0.11496115
GWP_100_AR5_N2O	Waste	CHL	Chile	0.39674475
GWP_100_AR5_N2O	Waste	CHN	China	6.91874255
GWP_100_AR5_N2O	Waste	CIV	Côte d'Ivoire	0.04891391
GWP_100_AR5_N2O	Waste	CMR	Cameroon	0.06673364
GWP_100_AR5_N2O	Waste	COD	Democratic Republic of the	0.10586041
GWP_100_AR5_N2O	Waste	COG	Congo	0.00816631
GWP_100_AR5_N2O	Waste	COK	Cook Islands	
GWP_100_AR5_N2O	Waste	COL	Colombia	0.41505472
GWP_100_AR5_N2O	Waste	COM	Comoros	0.00100302
GWP_100_AR5_N2O	Waste	CPV	Cabo Verde	0.00157919
GWP_100_AR5_N2O	Waste	CRI	Costa Rica	0.03251025
GWP_100_AR5_N2O	Waste	CUB	Cuba	0.1061242
GWP_100_AR5_N2O	Waste	CYM	Cayman Islands	



GWP_100_AR5_N2O	Waste	CYP	Cyprus	0.01046002
GWP_100_AR5_N2O	Waste	CZE	Czechia	0.18937426
GWP_100_AR5_N2O	Waste	DEU	Germany	1.17744999
GWP_100_AR5_N2O	Waste	DJI	Djibouti	0.00108947
GWP_100_AR5_N2O	Waste	DMA	Dominica	0.00058287
GWP_100_AR5_N2O	Waste	DNK	Denmark	0.09412017
GWP_100_AR5_N2O	Waste	DOM	Dominican Republic	0.03105808
GWP_100_AR5_N2O	Waste	DZA	Algeria	0.11026595
GWP_100_AR5_N2O	Waste	ECU	Ecuador	0.05308994
GWP_100_AR5_N2O	Waste	EGY	Egypt	0.42895368
GWP_100_AR5_N2O	Waste	ERI	Eritrea	0.01172016
GWP_100_AR5_N2O	Waste	ESH	Western Sahara	0.0021343
GWP_100_AR5_N2O	Waste	ESP	Spain and Andorra	0.82492225
GWP_100_AR5_N2O	Waste	EST	Estonia	0.0231241
GWP_100_AR5_N2O	Waste	ETH	Ethiopia	0.23396639
GWP_100_AR5_N2O	Waste	FIN	Finland	0.08377721
GWP_100_AR5_N2O	Waste	FJI	Fiji	0.00462701
GWP_100_AR5_N2O	Waste	FLK	Falkland Islands	
GWP_100_AR5_N2O	Waste	FRA	France and Monaco	1.12853266
GWP_100_AR5_N2O	Waste	FRO	Faroes	0.00017986
GWP_100_AR5_N2O	Waste	GAB	Gabon	0.00546519
GWP_100_AR5_N2O	Waste	GBR	United Kingdom	0.94322569
GWP_100_AR5_N2O	Waste	GEO	Georgia	0.03939584
GWP_100_AR5_N2O	Waste	GHA	Ghana	0.07325573
GWP_100_AR5_N2O	Waste	GIB	Gibraltar	6.2328E-05
GWP_100_AR5_N2O	Waste	GIN	Guinea	0.03428797
GWP_100_AR5_N2O	Waste	GLP	Guadeloupe	6.5921E-06
GWP_100_AR5_N2O	Waste	GMB	The Gambia	0.00422381
GWP_100_AR5_N2O	Waste	GNB	Guinea-Bissau	0.00370505
GWP_100_AR5_N2O	Waste	GNQ	Equatorial Guinea	0.0009688
GWP_100_AR5_N2O	Waste	GRC	Greece	0.14653845
GWP_100_AR5_N2O	Waste	GRD	Grenada	0.00092202
GWP_100_AR5_N2O	Waste	GRL	Greenland	0.00077308
GWP_100_AR5_N2O	Waste	GTM	Guatemala	0.05238264
GWP_100_AR5_N2O	Waste	GUF	French Guiana	0.00218548
GWP_100_AR5_N2O	Waste	GUY	Guyana	0.00747528
GWP_100_AR5_N2O	Waste	HKG	Hong Kong	0.10435724
GWP_100_AR5_N2O	Waste	HND	Honduras	0.02628689
GWP_100_AR5_N2O	Waste	HRV	Croatia	0.04363154
GWP_100_AR5_N2O	Waste	HTI	Haiti	0.03435871
GWP_100_AR5_N2O	Waste	HUN	Hungary	0.16060407
GWP_100_AR5_N2O	Waste	IDN	Indonesia	0.65859383
GWP_100_AR5_N2O	Waste	IND	India	5.0811858
GWP_100_AR5_N2O	Waste	IRL	Ireland	0.0544898
GWP_100_AR5_N2O	Waste	IRN	Iran	0.27694753
GWP_100_AR5_N2O	Waste	IRQ	Iraq	0.0660108
GWP_100_AR5_N2O	Waste	ISL	Iceland	0.00531004
GWP_100_AR5_N2O	Waste	ISR	Israel and Palestine, State of	0.17365003
GWP_100_AR5_N2O	Waste	ITA	Italy, San Marino and the Holy See	0.9395144
GWP_100_AR5_N2O	Waste	JAM	Jamaica	0.02392694
GWP_100_AR5_N2O	Waste	JOR	Jordan	0.01605784

GWP_100_AR5_N2O	Waste	JPN	Japan	1.97816511
GWP_100_AR5_N2O	Waste	KAZ	Kazakhstan	0.19731783
GWP_100_AR5_N2O	Waste	KEN	Kenya	0.12842969
GWP_100_AR5_N2O	Waste	KGZ	Kyrgyzstan	0.03945039
GWP_100_AR5_N2O	Waste	KHM	Cambodia	0.05430998
GWP_100_AR5_N2O	Waste	KIR	Kiribati	0.00043098
GWP_100_AR5_N2O	Waste	KNA	Saint Kitts and Nevis	0.00031945
GWP_100_AR5_N2O	Waste	KOR	South Korea	0.47057204
GWP_100_AR5_N2O	Waste	KWT	Kuwait	0.00913643
GWP_100_AR5_N2O	Waste	LAO	Laos	0.0240736
GWP_100_AR5_N2O	Waste	LBN	Lebanon	0.02892929
GWP_100_AR5_N2O	Waste	LBR	Liberia	0.01074678
GWP_100_AR5_N2O	Waste	LBY	Libya	0.0156244
GWP_100_AR5_N2O	Waste	LCA	Saint Lucia	0.00088453
GWP_100_AR5_N2O	Waste	LKA	Sri Lanka	0.09566723
GWP_100_AR5_N2O	Waste	LSO	Lesotho	0.01061744
GWP_100_AR5_N2O	Waste	LTU	Lithuania	0.04902603
GWP_100_AR5_N2O	Waste	LUX	Luxembourg	0.00601566
GWP_100_AR5_N2O	Waste	LVA	Latvia	0.05886021
GWP_100_AR5_N2O	Waste	MAC	Macao	3.2367E-05
GWP_100_AR5_N2O	Waste	MAR	Morocco	0.15910608
GWP_100_AR5_N2O	Waste	MDA	Moldova	0.04126006
GWP_100_AR5_N2O	Waste	MDG	Madagascar	0.07109888
GWP_100_AR5_N2O	Waste	MDV	Maldives	0.00159313
GWP_100_AR5_N2O	Waste	MEX	Mexico	0.58067347
GWP_100_AR5_N2O	Waste	MKD	North Macedonia	0.05162954
GWP_100_AR5_N2O	Waste	MLI	Mali	0.05820251
GWP_100_AR5_N2O	Waste	MLT	Malta	0.00542992
GWP_100_AR5_N2O	Waste	MMR	Myanmar/Burma	0.16374084
GWP_100_AR5_N2O	Waste	MNG	Mongolia	0.01604929
GWP_100_AR5_N2O	Waste	MOZ	Mozambique	0.05149473
GWP_100_AR5_N2O	Waste	MRT	Mauritania	0.01445227
GWP_100_AR5_N2O	Waste	MTQ	Martinique	0.00017241
GWP_100_AR5_N2O	Waste	MUS	Mauritius	0.00878482
GWP_100_AR5_N2O	Waste	MWI	Malawi	0.05212892
GWP_100_AR5_N2O	Waste	MYS	Malaysia	0.09914888
GWP_100_AR5_N2O	Waste	NAM	Namibia	0.00805254
GWP_100_AR5_N2O	Waste	NCL	New Caledonia	0.00145611
GWP_100_AR5_N2O	Waste	NER	Niger	0.04573892
GWP_100_AR5_N2O	Waste	NGA	Nigeria	0.44094941
GWP_100_AR5_N2O	Waste	NIC	Nicaragua	0.02310313
GWP_100_AR5_N2O	Waste	NLD	Netherlands	0.21570999
GWP_100_AR5_N2O	Waste	NOR	Norway	0.06040768
GWP_100_AR5_N2O	Waste	NPL	Nepal	0.08601227
GWP_100_AR5_N2O	Waste	NZL	New Zealand	0.04942641
GWP_100_AR5_N2O	Waste	OMN	Oman	0.00992252
GWP_100_AR5_N2O	Waste	PAK	Pakistan	0.56728364
GWP_100_AR5_N2O	Waste	PAN	Panama	0.01521406
GWP_100_AR5_N2O	Waste	PER	Peru	0.14116393
GWP_100_AR5_N2O	Waste	PHL	Philippines	0.25905432
GWP_100_AR5_N2O	Waste	PLW	Palau	

GWP_100_AR5_N2O	Waste	PNG	Papua New Guinea	0.00606953
GWP_100_AR5_N2O	Waste	POL	Poland	0.57158201
GWP_100_AR5_N2O	Waste	PRI	Puerto Rico	0.01680722
GWP_100_AR5_N2O	Waste	PRK	North Korea	0.14102075
GWP_100_AR5_N2O	Waste	PRT	Portugal	0.15061202
GWP_100_AR5_N2O	Waste	PRY	Paraguay	0.0298143
GWP_100_AR5_N2O	Waste	PYF	French Polynesia	0.0016834
GWP_100_AR5_N2O	Waste	QAT	Qatar	0.00175678
GWP_100_AR5_N2O	Waste	REU	Réunion	0.00246436
GWP_100_AR5_N2O	Waste	ROU	Romania	0.37612207
GWP_100_AR5_N2O	Waste	RUS	Russia	2.0466508
GWP_100_AR5_N2O	Waste	RWA	Rwanda	0.03225274
GWP_100_AR5_N2O	Waste	SAU	Saudi Arabia	0.04521169
GWP_100_AR5_N2O	Waste	SCG	Serbia and Montenegro	0.12255637
GWP_100_AR5_N2O	Waste	SDN	Sudan and South Sudan	0.13596854
GWP_100_AR5_N2O	Waste	SEN	Senegal	0.05449089
GWP_100_AR5_N2O	Waste	SGP	Singapore	0.01607299
GWP_100_AR5_N2O	Waste	SHN	Saint Helena, Ascension and Tristan da (	
GWP_100_AR5_N2O	Waste	SLB	Solomon Islands	0.00148094
GWP_100_AR5_N2O	Waste	SLE	Sierra Leone	0.02069875
GWP_100_AR5_N2O	Waste	SLV	El Salvador	0.02727696
GWP_100_AR5_N2O	Waste	SOM	Somalia	0.01968822
GWP_100_AR5_N2O	Waste	SPM	Saint Pierre and Miquelon	2.7984E-06
GWP_100_AR5_N2O	Waste	STP	São Tomé and Príncipe	0.00055112
GWP_100_AR5_N2O	Waste	SUR	Suriname	0.00354345
GWP_100_AR5_N2O	Waste	SVK	Slovakia	0.14675708
GWP_100_AR5_N2O	Waste	SVN	Slovenia	0.02881233
GWP_100_AR5_N2O	Waste	SWE	Sweden	0.12621366
GWP_100_AR5_N2O	Waste	SWZ	Eswatini	0.00477961
GWP_100_AR5_N2O	Waste	SYC	Seychelles	0.00021712
GWP_100_AR5_N2O	Waste	SYR	Syria	0.06426611
GWP_100_AR5_N2O	Waste	TCA	Turks and Caicos Islands	
GWP_100_AR5_N2O	Waste	TCD	Chad	0.03830448
GWP_100_AR5_N2O	Waste	TGO	Togo	0.01543494
GWP_100_AR5_N2O	Waste	THA	Thailand	0.33668867
GWP_100_AR5_N2O	Waste	TJK	Tajikistan	0.02659382
GWP_100_AR5_N2O	Waste	TKM	Turkmenistan	0.02762001
GWP_100_AR5_N2O	Waste	TLS	Timor-Leste	0.00571419
GWP_100_AR5_N2O	Waste	TON	Tonga	
GWP_100_AR5_N2O	Waste	TTO	Trinidad and Tobago	0.00983056
GWP_100_AR5_N2O	Waste	TUN	Tunisia	0.0496702
GWP_100_AR5_N2O	Waste	TUR	Türkiye	0.5654388
GWP_100_AR5_N2O	Waste	TWN	Taiwan	0.34304786
GWP_100_AR5_N2O	Waste	TZA	Tanzania	0.09761011
GWP_100_AR5_N2O	Waste	UGA	Uganda	0.08446337
GWP_100_AR5_N2O	Waste	UKR	Ukraine	0.7331835
GWP_100_AR5_N2O	Waste	URY	Uruguay	0.04491644
GWP_100_AR5_N2O	Waste	USA	United States	4.31528174
GWP_100_AR5_N2O	Waste	UZB	Uzbekistan	0.15903051
GWP_100_AR5_N2O	Waste	VCT	Saint Vincent and the Grer	0.00081105
GWP_100_AR5_N2O	Waste	VEN	Venezuela	0.11057367

GWP_100_AR5_N2O	Waste	VGB	British Virgin Islands	
GWP_100_AR5_N2O	Waste	VNM	Viet Nam	0.34011651
GWP_100_AR5_N2O	Waste	VUT	Vanuatu	0.00094715
GWP_100_AR5_N2O	Waste	WSM	Samoa	0.00114439
GWP_100_AR5_N2O	Waste	YEM	Yemen	0.05448978
GWP_100_AR5_N2O	Waste	ZAF	South Africa	0.26826893
GWP_100_AR5_N2O	Waste	ZMB	Zambia	0.04747468
GWP_100_AR5_N2O	Waste	ZWE	Zimbabwe	0.05365242
CO2	Agriculture	EU27	EU27	14.752339
CO2	Buildings	EU27	EU27	818.301761
CO2	Fuel Exploitation	EU27	EU27	240.773307
CO2	Industrial Combustion	EU27	EU27	944.213726
CO2	Power Industry	EU27	EU27	873.506735
CO2	Processes	EU27	EU27	256.945238
CO2	Transport	EU27	EU27	363.648621
CO2	Waste	EU27	EU27	3.9020937
GWP_100_AR5_CH4	Agriculture	EU27	EU27	297.845101
GWP_100_AR5_CH4	Buildings	EU27	EU27	30.7730072
GWP_100_AR5_CH4	Fuel Exploitation	EU27	EU27	230.428526
GWP_100_AR5_CH4	Industrial Combustion	EU27	EU27	1.27717524
GWP_100_AR5_CH4	Power Industry	EU27	EU27	0.35656499
GWP_100_AR5_CH4	Processes	EU27	EU27	1.30696222
GWP_100_AR5_CH4	Transport	EU27	EU27	3.33360754
GWP_100_AR5_CH4	Waste	EU27	EU27	181.598783
GWP_100_AR5_F-gase	Processes	EU27	EU27	23.2595588
GWP_100_AR5_N2O	Agriculture	EU27	EU27	148.908173
GWP_100_AR5_N2O	Buildings	EU27	EU27	6.39123095
GWP_100_AR5_N2O	Fuel Exploitation	EU27	EU27	0.19309072
GWP_100_AR5_N2O	Industrial Combustion	EU27	EU27	2.22115882
GWP_100_AR5_N2O	Power Industry	EU27	EU27	4.33468161
GWP_100_AR5_N2O	Processes	EU27	EU27	131.543339
GWP_100_AR5_N2O	Transport	EU27	EU27	4.5792954
GWP_100_AR5_N2O	Waste	EU27	EU27	7.02862858
CO2	Agriculture	GLOBAL TOTAL	GLOBAL TOTAL	50.0839411
CO2	Buildings	GLOBAL TOTAL	GLOBAL TOTAL	2932.18991
CO2	Fuel Exploitation	GLOBAL TOTAL	GLOBAL TOTAL	1355.17649
CO2	Industrial Combustion	GLOBAL TOTAL	GLOBAL TOTAL	3847.7271
CO2	Power Industry	GLOBAL TOTAL	GLOBAL TOTAL	3822.14242
CO2	Processes	GLOBAL TOTAL	GLOBAL TOTAL	915.906389
CO2	Transport	GLOBAL TOTAL	GLOBAL TOTAL	2821.21358
CO2	Waste	GLOBAL TOTAL	GLOBAL TOTAL	7.41821489
GWP_100_AR5_CH4	Agriculture	GLOBAL TOTAL	GLOBAL TOTAL	3586.32826
GWP_100_AR5_CH4	Buildings	GLOBAL TOTAL	GLOBAL TOTAL	245.217332
GWP_100_AR5_CH4	Fuel Exploitation	GLOBAL TOTAL	GLOBAL TOTAL	1919.99163
GWP_100_AR5_CH4	Industrial Combustion	GLOBAL TOTAL	GLOBAL TOTAL	8.79074486
GWP_100_AR5_CH4	Power Industry	GLOBAL TOTAL	GLOBAL TOTAL	1.43622134
GWP_100_AR5_CH4	Processes	GLOBAL TOTAL	GLOBAL TOTAL	5.23414171
GWP_100_AR5_CH4	Transport	GLOBAL TOTAL	GLOBAL TOTAL	20.1986839
GWP_100_AR5_CH4	Waste	GLOBAL TOTAL	GLOBAL TOTAL	866.853343

GWP_100_AR5_F-gase Processes	GLOBAL TOTAL	GLOBAL TOTAL	153.335449
GWP_100_AR5_N2O Agriculture	GLOBAL TOTAL	GLOBAL TOTAL	893.532938
GWP_100_AR5_N2O Buildings	GLOBAL TOTAL	GLOBAL TOTAL	46.4865532
GWP_100_AR5_N2O Fuel Exploitation	GLOBAL TOTAL	GLOBAL TOTAL	2.86583101
GWP_100_AR5_N2O Industrial Combustion	GLOBAL TOTAL	GLOBAL TOTAL	13.1361353
GWP_100_AR5_N2O Power Industry	GLOBAL TOTAL	GLOBAL TOTAL	14.4797345
GWP_100_AR5_N2O Processes	GLOBAL TOTAL	GLOBAL TOTAL	395.228152
GWP_100_AR5_N2O Transport	GLOBAL TOTAL	GLOBAL TOTAL	34.0749763
GWP_100_AR5_N2O Waste	GLOBAL TOTAL	GLOBAL TOTAL	43.7035614

1971	1972	1973	1974	1975	1976	1977	1978
0.02922857	0.02922857	0.02922857	0.03996666	0.04530952	0.05059999	0.06144285	0.05892856
0.1133	0.1133	0.1133	0.11361429	0.11251429	0.12775714	0.13514285	0.16955713
0.10434285	0.10434285	0.10434285	0.08721428	0.07731428	0.07008571	0.11109999	0.11801428
0.0552882	0.0552882	0.0552882	0.05996644	0.05996644	0.06343258	0.07115166	0.07289537
0.31114284	0.31114284	0.31114284	0.31114284	0.26819046	0.24671427	0.23063332	0.26557141
0.00644286	0.00644286	0.00644286	0.00518571	0.00502857	0.00518571	0.00455714	0.00408571
0.04146615	0.04146615	0.04146615	0.04497483	0.04497483	0.04757444	0.05336375	0.05467153
0.04174762	0.04174762	0.04174762	0.03787143	0.04253333	0.03870952	0.03305238	0.03017143
0.20852854	0.20852854	0.20852854	0.13435712	0.2366571	0.26667138	0.35828565	0.36582851
0.9178714	0.9178714	0.9178714	0.93939997	0.97004283	0.92054282	0.81572855	0.82672855
1.14101427	1.14101427	1.14101427	1.14017617	1.23739522	1.46472854	1.97298089	1.97497137
0.61704761	0.61704761	0.61704761	0.65423808	0.70729998	0.71908569	0.84967139	1.03049043
0.01361905	0.01361905	0.01361905	0.00424286	0.01183809	0.02451428	0.03137619	0.03865714
0.05562857	0.05562857	0.05562857	0.04085714	0.02770952	0.02781428	0.02231428	0.03734761
4.638333	4.638333	4.638333	4.17371404	5.68490434	5.73571386	6.83257087	7.82571347
0.00471428	0.00471428	0.00471428	0.00754286	0.0077	0.00785714	0.01335714	0.011
0.033	0.033	0.033	0.033	0.033	0.01634286	0.04557143	0.05185714
0.16201426	0.16201426	0.16201426	0.16028569	0.1415857	0.18904283	0.19218569	0.16719998
0.05342857	0.05342857	0.05342857	0.05342857	0.055	0.04164285	0.06914285	0.07228571
0.46357142	0.46357142	0.46357142	0.49814285	0.52642856	0.69142856	0.75114283	0.76528568
0.04211429	0.04211429	0.04211429	0.011	0.04022857	0.02828571	0.01382857	0.01052857
1.65886174	1.65886174	1.65886174	1.37251282	1.41612405	1.50133953	1.51742686	1.71020756
1.55791427	1.55791427	1.55791427	1.54345713	1.33052853	1.61149991	1.62014276	1.5267999
0.00785714	0.00785714	0.00785714	0.00392857	0.00722857	0.01084286	0.0088	0.00921905
0.12697143	0.12697143	0.12697143	0.08815714	0.12482381	0.09161429	0.12791428	0.10324285
0.22125714	0.22125714	0.22125714	0.16531429	0.1718619	0.18406667	0.17987619	0.16751429
0.05300952	0.05300952	0.05300952	0.06154761	0.02624286	0.10046665	0.11570951	0.07218094
0.82578568	0.82578568	0.82578568	0.83285711	0.75114283	0.81824282	0.86224282	0.95071424
1.1007857	1.1007857	1.1007857	0.94018569	1.12498568	1.14321425	0.99251425	1.13362853
0.0765972	0.0765972	0.0765972	0.0830785	0.0830785	0.08788055	0.0985747	0.10099046
0.01377619	0.01377619	0.01377619	0.01403809	0.02241905	0.02231428	0.01875238	0.02053333
2.78457141	2.78457141	2.78457141	2.55199999	2.89457141	3.01557141	3.10357141	3.4335714
1.23482857	1.23482857	1.23482857	1.20057143	1.38285714	1.41428571	1.49285714	1.65
0.47771429	0.47771429	0.47771429	0.43717143	0.42931429	0.50945714	0.52847143	0.63611429
0.07542857	0.07542857	0.07542857	0.07857143	0.07857143	0.11157142	0.1232	0.10371428
0.03889712	0.03889712	0.03889712	0.03930656	0.04101257	0.04319627	0.04435636	0.04640358
0.91818568	0.91818568	0.91818568	0.95857139	0.97700948	0.93044281	0.96391425	0.94332853
0.57823325	0.57823325	0.57823325	0.63202849	0.61945705	0.65748562	0.89409035	1.00880462
2.46195684	2.46195684	2.46195684	3.23593774	3.12326628	3.53335665	4.28868985	4.5382327
0.03362857	0.03362857	0.03362857	0.02074285	0.03064285	0.03394285	0.03315714	0.04258571
0.26923807	0.26923807	0.26923807	0.33549996	0.33125711	0.33780472	0.43229995	0.3120333
0.06332857	0.06332857	0.06332857	0.08642857	0.16138571	0.15855714	0.20004284	0.19705713
0.00722857	0.00722857	0.00722857	0.0088	0.00974286	0.01005714	0.00974286	0.00974286
0.09538571	0.09538571	0.09538571	0.10622857	0.11722857	0.10874286	0.10387143	0.09617143
1.03509995	1.03509995	1.03509995	1.03918566	0.99738565	0.98999994	1.18459517	1.51150467
0.00754286	0.00754286	0.00754286	0.00785714	0.0077	0.01178571	0.0088	0.01257143

0.55345712	0.55345712	0.55345712	0.43167141	0.43308569	0.47849998	0.46891427	0.44439998
0.07141393	0.07141393	0.07141393	0.07745665	0.07745665	0.08193375	0.09190423	0.09415652
0.01807143	0.01807143	0.01807143	0.01587143	0.01555714	0.02152857	0.01948571	0.03341905
0.15722583	0.15722583	0.15722583	0.17052955	0.17052955	0.1803864	0.20233754	0.2072962
0.41375707	0.41375707	0.41375707	0.54245705	0.65088561	0.45807136	0.43591422	0.49499992
0.0836	0.0836	0.0836	0.044	0.03771429	0.0704	0.06254286	0.05908571
0.02540476	0.02540476	0.02540476	0.03053809	0.03771428	0.04525714	0.04127619	0.05028571
0.17317142	0.17317142	0.17317142	0.24545713	0.12414285	0.17002856	0.1800857	0.23854284
0.05759188	0.05759188	0.05759188	0.06246504	0.06246504	0.0660756	0.07411632	0.07593268
0.20978571	0.20978571	0.20978571	0.16264285	0.15651428	0.21104285	0.18039999	0.19485713
1.1997333	1.1997333	1.1997333	1.36017614	1.6259571	2.00226185	1.96596184	1.94223328
0.00907599	0.00907599	0.00907599	0.00917153	0.0095696	0.01007913	0.01034982	0.0108275
0.05735713	0.05735713	0.05735713	0.05987142	0.0667857	0.06741427	0.07841427	0.10669998
0.03645714	0.03645714	0.03645714	0.03918095	0.02954286	0.01173333	0.01822857	0.00502857
0.15190474	0.15190474	0.15190474	0.08999047	0.11361428	0.12807142	0.11937618	0.15373808
0.02954286	0.02954286	0.02954286	0.02514286	0.03614286	0.05657143	0.06128571	0.0363
0.06233333	0.06233333	0.06233333	0.0429	0.03561904	0.04766666	0.06861904	0.06704761
0.00958571	0.00958571	0.00958571	0.01854286	0.0231	0.01775714	0.00864286	0.00502857
0.00094286	0.00094286	0.00094286	0.00125714	0.00125714	0.00125714	0.00251429	0.00094286
0.02671428	0.02671428	0.02671428	0.02278571	0.01602857	0.02058571	0.02498571	0.02372857
0.09224285	0.09224285	0.09224285	0.05248571	0.0319	0.07165714	0.08092857	0.07888571
0.5833142	0.5833142	0.5833142	0.59923801	0.75418085	0.85014274	0.9349475	1.0333189
0.20239999	0.20239999	0.20239999	0.29123808	0.21177618	0.23293808	0.24105712	0.23670951
0.36959998	0.36959998	0.36959998	0.39411426	0.31229522	0.35619045	0.38829997	0.42072377
2.36803803	2.36803803	2.36803803	2.66650471	2.8851428	2.84590946	2.98058088	3.52010465
0.64271424	0.64271424	0.64271424	0.66769995	0.69849995	0.92054278	1.01922848	1.17699988
0.22125714	0.22125714	0.22125714	0.18888571	0.23822857	0.21418571	0.2365	0.20915714
				0.00031429	0.00047143	0.00047143	0.00062857
1.09214283	1.09214283	1.09214283	1.24142854	1.91557135	1.57142853	1.47714283	1.93285708
5.07840973	5.07840973	5.07840973	5.42812284	5.42812284	5.64506623	6.18250149	6.21040001
					0.00534286	0.00691428	0.00157143
0.03781664	0.03781664	0.03781664	0.03821471	0.03987333	0.04199637	0.04312424	0.04511459
0.10575713	0.10575713	0.10575713	0.10654284	0.17379997	0.12571426	0.05028571	0.01791428
0.00288095	0.00288095	0.00288095	0.00419048	0.00377143	0.00261905	0.00869524	0.00691428
0.20428571	0.20428571	0.20428571	0.20428571	0.20585714	0.23005714	0.23005714	0.29401428
0.22245255	0.22245255	0.22245255	0.19577289	0.20967594	0.2074319	0.23660168	0.26696383
0.00378166	0.00378166	0.00378166	0.00382147	0.00398733	0.00419964	0.00431242	0.00451146
0.0792	0.0792	0.0792	0.06364286	0.08045714	0.09145714	0.06772857	0.06851429
0.0858	0.0858	0.0858	0.07888571	0.04777143	0.088	0.09428571	0.12414286
0.08957143	0.08957143	0.08957143	0.09040952	0.13341428	0.31501905	0.25823809	0.2807619
0.12727805	0.12727805	0.12727805	0.13804773	0.13804773	0.14602709	0.16379706	0.16781121
0.3282737	0.3282737	0.3282737	0.35605071	0.35605071	0.37663094	0.422463	0.43281625
0.044	0.044	0.044	0.03331429	0.02702857	0.02702857	0.02137143	0.02812857
0.06081429	0.06081429	0.06081429	0.06977143	0.07165714	0.06725714	0.07228571	0.08265714
0.71819522	0.71819522	0.71819522	0.49421427	0.73757616	1.02001425	0.96370473	0.98067617
0.74485712	0.74485712	0.74485712	0.81305713	0.86051426	0.80661426	0.8639714	0.8892714

0.03975714	0.03975714	0.03975714	0.05971429	0.05437143	0.04384286	0.06191429	0.04274286
2.07651971	2.07651971	2.07651971	2.24408979	2.24408979	2.36395629	2.63642068	2.68846006
0.01293809	0.01293809	0.01293809	0.0123619	0.00984762	0.02414762	0.01592381	0.01031905
3.21812845	3.21812845	3.21812845	3.01651415	3.630576	3.8147474	3.52083787	3.67949975
2.37679276	2.37679276	2.37679276	2.52378937	2.52378937	2.60417899	2.819941	2.80542685
0.09496666	0.09496666	0.09496666	0.09239999	0.12686666	0.11989999	0.16384761	0.20088094
0.22471426	0.22471426	0.22471426	0.20428569	0.37085709	0.44549994	0.51857135	0.40385709
0.15541428	0.15541428	0.15541428	0.1723857	0.19391427	0.19941428	0.22377142	0.22696665
0.03457143	0.03457143	0.03457143	0.05688571	0.0506	0.06191428	0.06709999	0.044
0.22	0.22	0.22	0.23571429	0.23571429	0.18857143	0.13781428	0.17191428
0.00615285	0.00746277	0.00996432	0.00951321	0.00913694	0.01047193	0.0125516	0.01470675
0.79530371	0.60694563	0.74024652	0.97263501	0.8300453	0.63346309	0.71908203	0.57961888
0.12018615	0.13858783	0.14140775	0.13130161	0.11555558	0.09250151	0.09863542	0.32953071
1.0666E-05	1.1545E-05	1.1586E-05	1.1093E-05	1.1797E-05	1.0956E-05	1.1225E-05	1.617E-05
0.99279409	1.09584468	1.30058063	1.41049954	1.75226013	1.90901019	2.02122392	2.21038428
0.37750047	0.29973571	0.314988	0.29973571	0.29992236	0.31235474	0.32396393	0.30772414
12.1121994	11.785739	14.4517049	14.8644026	15.4369726	16.986408	18.0827801	17.3564111
3.40625142	3.59389241	3.77481716	3.94777031	4.45422491	4.36182596	4.51680601	4.67909191
0.02208715	0.02374519	0.0284695	0.02466388	0.02168088	0.02290734	0.02546702	0.02782358
10.9731995	11.1135443	13.2168915	10.9426238	11.5577997	11.4085269	11.9103286	11.5886236
13.6660732	13.9270534	15.4498144	13.6920095	13.6740672	14.6957459	14.3259715	14.9644415
3.56445279	3.78667107	4.00366525	4.20722402	4.9434471	4.74165853	4.94856271	5.15844074
0.02030808	0.01921308	0.0204773	0.02208304	0.022842	0.02092879	0.02249547	0.02124385
32.4823669	35.7949496	36.8326594	33.1354435	34.5479148	32.453808	32.8127928	36.0345679
0.0409399	0.05983532	0.05983532	0.07873042	0.07873042	0.06928287	0.06928287	0.08502889
0.08703464	0.08234175	0.08775987	0.0946416	0.09789427	0.08969482	0.09640917	0.09104506
0.87021339	0.87021339	0.7360075	0.96343899	1.2197211	1.39535349	1.401539	1.47745434
25.6684506	26.2086017	28.1403232	27.1639752	29.7349928	29.5971876	29.1618831	27.0044705
0.04625063	0.04028158	0.0371325	0.04310154	0.04608632	0.04907085	0.05205563	0.05504015
0.22087147	0.23745187	0.28469496	0.24663879	0.21680883	0.22907344	0.25467019	0.27823577
1.4638809	1.51045675	1.41725344	1.87184954	1.94343662	1.94065785	2.04512648	2.1153118
14.3192431	14.9816464	15.6061089	16.2059448	17.2307719	17.5201898	17.918087	18.3666381
0.01262123	0.01356868	0.01626828	0.01409365	0.01238908	0.01308991	0.01455258	0.01589919
0.02997541	0.03222561	0.03863717	0.03347241	0.02942406	0.03108854	0.03456238	0.03776057
0.37344038	0.40460358	0.45416785	0.50323869	0.54883154	0.5819912	0.61764249	0.64401051
7.88897524	9.06464639	10.5160249	10.959763	11.5497807	12.7205303	13.3748778	14.1637341
0.06172818	0.06592513	0.07112044	0.06201414	0.05419694	0.0633649	0.0682095	0.07864495
0.01807222	0.01807222	0.01807222	0.01807222	0.01807222	0.01807222	0.01807222	0.01807222
0.00097852	0.00085413	0.00113535	0.00159945	0.00097715	0.00093369	0.00055384	0.00078097
0.02510186	0.02510186	0.03145947	0.03145947	0.03145947	0.03145947	0.03145947	0.03466798
0.02901155	0.02744725	0.02925329	0.0315472	0.03263142	0.02989827	0.03213639	0.03034835
98.6893591	105.974481	94.6747778	99.6726139	94.25396	98.5337341	96.9228151	95.4651879
18.7583129	18.8229839	21.1069134	18.2875682	17.7777174	19.7747064	19.3579916	20.209588
2.62736393	2.95872711	3.10789406	2.84212695	2.56902134	2.67152438	2.78449235	2.63389957
218.887261	232.018429	238.010764	238.783817	277.619154	282.009409	318.616675	350.926981
0.28170959	0.31042319	0.27518858	0.29449915	0.32285553	0.3804312	0.41545611	0.45648201
0.05635676	0.03431227	0.04375982	0.05635676	0.12563963	0.11602721	0.16310129	0.17254885
1.07428122	1.10879836	1.19814359	1.2144992	1.15023186	1.10894687	1.29514419	1.35177078
0.04077504	0.04392443	0.04392443	0.05005829	0.05320768	0.05950614	0.06265524	0.05950614
0.00967135	0.00845849	0.01122831	0.01590727	0.00958556	0.00916999	0.00540559	0.00762377



5.17449584	5.69859142	5.68143029	5.48395359	4.89557202	4.86271262	4.06514703	3.50046888
0.00870346	0.00823418	0.00877599	0.00946416	0.00978943	0.00896948	0.00964092	0.00910451
0.06092425	0.05763923	0.06143191	0.06624912	0.06852599	0.06278638	0.06748642	0.06373154
0.08404114	0.08702592	0.09001045	0.0805629	0.08354768	0.09597975	0.09879998	0.10791837
3.10507507	3.33568451	3.6575447	3.92041143	4.34121591	4.22069896	4.28040194	4.40318246
0.0059162	0.00678434	0.00864253	0.00792768	0.00735601	0.00818119	0.00955013	0.01093069
0.11294616	0.12165404	0.12436743	0.1036711	0.10039025	0.1149031	0.11471414	0.11162255
42.0359419	39.9311949	36.7003396	33.6090762	36.0083942	37.0865426	39.4851657	37.5589028
255.710517	260.696859	274.956602	250.78946	245.258628	264.183845	259.316016	267.170774
0.29011548	0.27447251	0.29253291	0.315472	0.32631425	0.29898274	0.32136391	0.30348352
0.00157765	0.00169608	0.00203354	0.00176171	0.00154863	0.00163624	0.00181907	0.0019874
23.1084891	22.9265998	23.3888053	20.1631846	19.8841937	22.336183	21.8655466	21.3187152
0.19086117	0.19638248	0.20484254	0.17444311	0.19212703	0.21363181	0.21982511	0.25011912
1.81140133	2.11046582	2.50971843	2.68487859	2.9664692	3.78749398	3.79840709	4.45593294
0.44764602	0.47285301	0.53608228	1.07822999	1.23204158	1.48167933	1.52689469	1.58296652
4.44024915	5.19663115	4.816545	5.24050222	5.3083457	6.09512897	6.27346296	6.58621927
0.00132599	0.00232047	0.00265198	0.00232047	0.00132599	0.00265198	0.00265198	0.00331498
0.03495248	0.03376453	0.0343926	0.03534583	0.03802993	0.03312781	0.0333996	0.0298814
16.8813178	17.5778557	16.1108708	15.6850884	16.6306842	16.8469078	17.7925307	18.7012015
1.55086911	1.62224898	1.68946214	1.75350075	1.85812651	1.89688156	1.9380835	1.98473267
0.08439519	0.08963974	0.10185944	0.09904157	0.08439519	0.09877069	0.10839625	0.12997065
11.5953053	11.6623324	12.5198935	10.0241385	11.2449991	11.4110043	12.4215271	12.8391385
0.3435889	0.30046278	0.39888665	0.56490436	0.34070538	0.3259099	0.19219724	0.27106207
0.00063106	0.00067843	0.00081341	0.00070468	0.00061945	0.0006545	0.00072763	0.00079496
118.255416	134.05719	150.094144	131.674346	123.61895	125.60753	123.5818	136.888391
		0.0409399	0.04723837	0.0629844	0.05668593	0.05983532	0.05983532
115.588526	119.51864	121.388396	120.4339	117.152291	117.285592	122.172356	122.087966
2.59517387	2.74853795	2.8971952	3.03205091	3.466761	3.41232189	3.53597224	3.66228472
0.38281555	0.42360431	0.43945576	0.45796231	0.45791658	0.4674827	0.53053968	0.59661403
0.16246467	0.15370461	0.16381843	0.17666432	0.18273598	0.16743034	0.17996379	0.16995077
0.02760893	0.02968148	0.03558687	0.03082985	0.0271011	0.02863418	0.03183377	0.03477947
0.0319127	0.03019198	0.03217862	0.03470192	0.03589457	0.0328881	0.03535003	0.03338319
0.01740693	0.01646835	0.01755197	0.01892832	0.01957885	0.01793896	0.01928183	0.01820901
0.01889541	0.02519388	0.00944755	0.01259694	0.01574602	0.01574602	0.01574602	0.01889541
5.25434882	5.73653566	6.48950538	5.95385626	6.23781751	6.03200156	5.58376868	6.55438514
0.00236648	0.00254413	0.0030503	0.00264256	0.00232295	0.00245436	0.00272861	0.0029811
0.21892546	0.24390846	0.27857705	0.24617552	0.30855531	0.29892975	0.3241959	0.36810115
0.01972067	0.02120106	0.02541919	0.02202132	0.01935793	0.02045299	0.02273841	0.02484248
0.10599643	0.1218643	0.19157336	0.22638219	0.26109962	0.22000741	0.20081493	0.19766555
0.9820517	0.79556394	0.66887725	0.99634581	0.9189358	0.98017005	1.28852441	1.22531885
0.17656306	0.1829801	0.20830569	0.1924411	0.20810328	0.23022037	0.26517211	0.30033386
2.10554559	2.17253708	2.03847985	2.69233961	2.79530553	2.79130875	2.94156924	3.04251897
0.02199851	0.01884912	0.01884912	0.02199851	0.02520703	0.03134089	0.03449028	0.04078875
15.710121	15.8028892	17.2173878	17.5922423	17.0485665	17.5995844	18.1593013	20.5988942
6.56190461	7.707128	8.52603772	9.84351337	11.3033105	12.2013258	13.5676208	14.7915154
34.4966784	33.9392145	35.0237013	33.2831436	33.6918896	36.6181645	38.279694	40.6914096
6.53236688	6.33236137	6.23042378	6.61006102	6.34466547	6.54287543	7.17100098	6.33547028
11.9672491	13.8606538	16.0355892	18.2137911	21.3100776	24.3411862	28.1164561	28.0411429
2.16919811	2.00576795	2.16987852	2.69516197	3.12916198	3.51415715	3.64245245	3.76966136
0.78951133	0.83407278	0.8723125	0.86358173	0.86666221	0.78460203	0.80656876	0.80985793

1.68890789	1.8254641	1.90722126	1.90348246	1.9380374	1.8720315	1.89067822	1.80650361
72.5904218	78.5076948	80.0685264	79.2355368	79.7429226	82.2773705	74.9764143	82.2233727
0.29434124	0.32142673	0.37141986	0.37425565	0.48571646	0.39908607	0.41202559	0.41490494
0.36300534	0.33433322	0.34046683	0.37461454	0.43047758	0.49512984	0.50159317	0.55679762
101.796018	108.343242	123.358096	120.662611	118.389389	124.477326	126.438648	132.478501
10.7605498	11.4460654	12.11597	12.726881	14.9730622	14.463663	15.0796602	15.6991794
0.62299123	0.6924769	0.7119895	0.72099745	0.74198013	0.75043286	0.78694664	0.86978469
2.72496584	2.88342735	3.03638976	3.16857411	3.5637056	3.58665314	3.69718529	3.80975132
0.09187783	0.08035569	0.10666897	0.15111908	0.0910628	0.08711486	0.05135315	0.07242586
0.00967135	0.00845849	0.01122831	0.01590727	0.00958556	0.00916999	0.00540559	0.00762377
0.00315531	0.00339217	0.00406707	0.00352341	0.00309727	0.00327248	0.00363815	0.0039748
20.9272134	22.5040754	27.994398	29.1765883	29.9022175	32.4852787	38.6679326	39.361338
3.37121648	3.64709022	3.90360371	3.69659644	3.34273784	3.60402225	3.97339259	4.54945434
0.14507026	0.12687741	0.16842469	0.23860907	0.14378337	0.13754979	0.08108392	0.11435662
1.0257156	1.18030182	1.271536	1.52160507	1.48258705	1.23191427	0.91716074	1.10640449
0.37715013	0.35681426	0.38029278	0.4101136	0.42420852	0.38867757	0.41777309	0.39452858
0.36646682	0.44417752	0.37936512	0.42216881	0.56249709	0.54565815	0.58834481	0.7462091
0.00631061	0.00678434	0.00813414	0.00704682	0.00619454	0.00654496	0.00727629	0.00794959
0.8502894	0.85343862	0.8660355	0.67376849	0.64857473	0.62951482	0.69233463	0.76443751
0.02901155	0.02744725	0.02925329	0.0315472	0.03263142	0.02989827	0.03213639	0.03034835
5.45081581	5.69862522	5.93187644	6.15998337	6.53573026	6.62894797	6.78028034	6.95228848
1.28648542	1.47903501	1.56318086	1.41821203	1.35508623	1.49520459	1.58468636	1.6552976
2.64659942	2.77138343	2.88926308	3.00111984	3.20325011	3.25751295	3.33292176	3.41708592
0.15474161	0.1353359	0.179653	0.25451634	0.15336893	0.14671977	0.08648952	0.1219804
1.11458731	1.22544933	1.29426583	1.40680863	1.57636648	1.75646455	1.99583356	2.13355822
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0.02648219	0.03232589	0.01168738	0.01771634	0.02629693	0.02045323	0.02703602	0.0363557
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0.08703464	0.08234175	0.08775987	0.0946416	0.09789427	0.08969482	0.09640917	0.09104506
0.1010806	0.0794387	0.1227225	0.107264	0.0947081	0.1159718	0.1227886	0.1220322
0.91895125	0.92203686	0.78015737	0.80551572	0.60802567	0.46026478	0.41922394	0.36865871
0.66116537	0.56636502	0.76267153	1.0164476	0.70724457	0.66882951	0.41870076	0.58953758
0.56414823	0.58434011	0.58191386	0.68061603	0.58136753	0.64695408	0.85262114	0.68588981
0.1218485	0.11527845	0.12286382	0.13249824	0.13712433	0.1256451	0.13504519	0.12760778
0.0354972	0.03816191	0.04575455	0.03963838	0.03484428	0.03681537	0.04092914	0.04471646
0.04713302	0.04713302	0.06287912	0.0597299	0.0597299	0.06917756	0.07862522	0.09105751
0.08703464	0.08234175	0.08775987	0.0946416	0.09885648	0.09065703	0.09737138	0.09296948
0.40867669	0.51377901	0.55440505	0.85901242	1.03945986	1.01483971	1.14072985	1.24523114
0.29011548	0.27447251	0.29253291	0.315472	0.32631425	0.29898274	0.32136391	0.30348352
0.48560175	0.4244049	0.56365327	0.79692313	0.48260047	0.46148282	0.27265301	0.38451131
0.00629844	0.00629844	0.00944766	0.00629844	0.00944766	0.00944766	0.01259688	0.01259688
0.89922226	1.01795407	1.16116933	1.29584873	1.48610956	1.94338085	2.47786736	3.06624318
0.19137571	0.20062104	0.20430717	0.21681211	0.21649116	0.24799416	0.26089553	0.22012534
40.2204963	47.3596746	48.4772473	43.0770087	46.1986994	51.2411491	46.3863606	48.0614471
7.01989774	7.03032789	6.6397841	5.05394258	4.67032179	5.67663361	5.81432842	5.70282938
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2.53119363	2.763554	2.6527646	2.49900011	2.81336679	2.92027405	2.89325284	2.89338499
0.13154973	0.12192414	0.10267296	0.14759238	0.27914211	0.49090509	0.28235064	0.47165391
4.40768891	4.51018638	4.74952929	4.56264661	5.25586888	4.97933067	5.12337104	5.46271644

0.1066826	0.1242612	0.11536662	0.11503744	0.12681137	0.14549613	0.14848076	0.15146539
3.80015068	3.06198908	2.81930514	3.97228743	3.48486898	3.8025436	3.574694	3.81511461
3.10515379	3.11182066	3.1633558	3.11469432	3.29998351	3.41570429	3.55311897	3.82716357
0.67409285	0.67409285	0.67409285	0.67409285	0.67409285	0.67409285	0.67409285	0.67409285
0.58028103	0.50750963	0.67369875	0.95443627	0.57513348	0.55019915	0.32433569	0.45742649
59.3385855	59.1730235	61.1975476	63.468315	68.3288158	74.8811475	73.0541146	77.6798089
1.95963171	2.02937116	2.13648822	1.86006439	1.59468117	1.70126685	1.79057762	1.83018282
11.9059453	12.2458235	12.2978809	12.6568101	12.8421073	13.9670207	14.7270793	15.420969
2.55583029	2.59754832	2.72825432	2.44109296	2.51707386	2.39837252	2.61493231	2.86350718
0.03522664	0.04126899	0.04416149	0.04101227	0.04994713	0.04994713	0.05283964	0.06441155
0.07253513	0.0634387	0.08421234	0.11930453	0.07189169	0.06877489	0.04054196	0.05717831
0.01259688	0.0157461	0.01889532	0.02519376	0.01873073	0.02768462	0.03066925	0.03365388
0.12474966	0.11802318	0.12578915	0.13565296	0.14031513	0.12856258	0.13818648	0.13049791
18.644401	22.9731967	27.4069188	24.5733199	25.3181314	22.905716	23.317686	29.6372109
267.146975	279.081819	290.311118	301.737169	320.922053	322.167928	330.111792	339.180529
0.01879189	0.01879189	0.02185771	0.02185771	0.01572608	0.02185771	0.01879189	0.02492425
0.57106239	0.66654854	0.71794561	0.76602887	0.85173818	0.92170139	0.90731603	0.99769989
3.79548611	3.91624591	3.67459246	4.85324927	5.03885709	5.03165243	5.3025141	5.48448751
0.31426333	0.20698079	0.24792061	0.10653503	0.11598268	0.10637044	0.11262429	0.09057978
0.0722643	0.0722643	0.07547283	0.07547283	0.08481521	0.09432218	0.09736612	0.10333538
0.32652743	0.25163417	0.25844292	0.25158306	0.21978761	0.21565421	0.22679969	0.27197617
2.3246E-05	2.7769E-05	2.7387E-05	2.5733E-05	2.6389E-05	1.2042E-05	3.4832E-05	2.5704E-05
0.03384973	0.02960473	0.03929909	0.05567545	0.03354945	0.03209495	0.01891958	0.02668321
0.14505774	0.13723625	0.14626646	0.157736	0.16315712	0.14949137	0.16068196	0.15174176
0.14949253	0.17768814	0.15541089	0.13636204	0.12691425	0.13885287	0.14468396	0.16284547
0.22919123	0.21683328	0.231101	0.24922288	0.25778825	0.23619637	0.25387749	0.23975198
0.00788827	0.00848042	0.01016768	0.00880853	0.00774317	0.00818119	0.00909536	0.00993699
0.00580231	0.00548945	0.00585066	0.00630944	0.00652628	0.00597965	0.00642728	0.00606967
0.11043573	0.11872593	0.14234748	0.1233194	0.10840442	0.11453672	0.12733509	0.13911788
7.46546819	7.8188091	7.90664275	8.03683591	8.34061137	8.49709165	8.50171617	9.30469485
0.86331567	0.89078352	0.83581738	1.10391292	1.14613101	1.14449225	1.20610204	1.24749344
35.1055822	35.4759702	35.2569729	28.6480699	33.0380819	36.2895754	34.5625273	28.6850843
0.04047419	0.04047419	0.04047419	0.04047419	0.04047419	0.04047419	0.04047419	0.12929242
0.04351732	0.04117088	0.04387994	0.0473208	0.04894714	0.04484741	0.04820459	0.04552253
1.10978122	1.15901661	1.0560606	0.92735775	1.33923531	1.42730691	1.68296287	1.49396837
0.00070158	0.00075425	0.00090431	0.00078343	0.00068868	0.00072763	0.00080894	0.00088379
0.0580231	0.0548945	0.05850658	0.0630944	0.06526285	0.05979655	0.06427278	0.0606967
0.05668596	0.0472383	0.03779064	0.02519376	0.02519376	0.02834298	0.03464142	0.03464142
3.14818456	3.30811805	3.79084797	5.03535259	4.65713478	4.81468851	5.05964733	5.3069889
6.70248807	7.02708452	7.33469174	7.62350812	8.19274304	8.31423386	8.51600773	8.7380708
11.8028424	12.4781076	13.129907	13.7141675	15.4589645	15.3955372	15.8994437	16.4178223
0.00967135	0.00845849	0.01122831	0.01590727	0.00958556	0.00916999	0.00540559	0.00762377
0.13924605	0.13626142	0.1840155	0.13924605	0.1541692	0.16610772	0.16909235	0.18103087
0.83144574	0.90082128	0.93919168	1.02732275	1.04212629	1.11800957	1.14931314	1.23271049
12.1525068	14.5889788	14.9460084	15.4073029	15.2895064	17.5714782	18.7399947	16.3161982
3.97164038	4.1152341	4.91209447	4.96633124	5.44508169	6.55221699	5.82175032	6.79194739
0.19123489	0.21013021	0.24162241	0.23515938	0.1753242	0.12178746	0.22571172	0.301293
					0.04359531	0.04061068	0.02817839
59.6233938	62.357172	64.9348939	67.480118	71.9448247	72.5800039	74.3372872	76.321666
1.00361407	0.95866071	0.94979575	0.93004783	0.88902619	0.90915577	0.86265542	0.93063858

895.528183	908.507969	874.000449	839.757032	827.87925	879.464097	842.400999	839.52054
24.2901236	25.7483445	27.1685715	28.5356312	33.2695343	31.8420442	33.2147728	34.6228337
0.00236648	0.00254413	0.0030503	0.00264256	0.00232295	0.00245436	0.00272861	0.0029811
2.87963139	3.02755261	3.38575509	3.33810212	3.46599609	3.6072734	3.55856914	3.80943506
0.00157765	0.00169608	0.00203354	0.00176171	0.00154863	0.00163624	0.00181907	0.0019874
11.7449807	11.1201729	12.809093	10.5166932	12.8190916	8.49338422	9.29458126	9.54044349
0.0386854	0.03383398	0.04491325	0.06362909	0.03834223	0.03667994	0.02162238	0.0304951
0.03384973	0.02960473	0.03929909	0.05567545	0.03354945	0.03209495	0.01891958	0.02668321
0.17287792	0.17602714	0.16907034	0.19790709	0.37741263	0.24796543	0.27266542	0.32305294
17.1588064	17.3728456	17.2137407	17.4767217	18.2431419	19.0276884	16.985187	18.0892681
0.26735951	0.29605835	0.32737519	0.32683063	0.34604551	0.37436409	0.32940837	0.29029323
1.1174274	1.07882983	1.3482964	1.36699005	1.50932169	1.55568356	1.5446909	1.39703405
2.3031E-08	2.5251E-08	3.5908E-08	3.1201E-08	2.4942E-08	2.9401E-08	4.861E-08	3.4264E-08
0.34630358	0.41722004	0.25459109	0.41723821	0.34634454	0.3338155	0.43391437	0.32133383
6.70133672	7.71550504	8.84281736	9.24875376	8.57775071	5.27898398	10.4733396	11.5480657
0	0	0	0	0	1.7567E-05		
0.45716871	0.53718528	0.37344537	0.50034874	0.45943063	0.44680187	0.61692404	0.51031473
7.43646398	7.18754382	8.21433336	7.2808865	4.85392293	4.97838636	5.04061705	4.97838605
22.3199393	24.4522865	31.871918	31.894782	31.0175427	38.4292134	34.5537092	39.8220244
11.3181032	12.0166701	12.2596913	11.8594017	12.200906	12.7266429	13.5344753	13.6114692
0.06997994	0.07137984	0.07296758	0.07453154	0.07069486	0.07699092	0.07918416	0.14190535
8.2676E-08	8.0345E-08	1.0259E-07	8.089E-08	5.9184E-08	6.4314E-08	9.8629E-08	6.4825E-08
11.6485078	12.1943293	12.2766323	16.5281279	17.0896044	17.1684737	17.0561224	19.1455093
3.48263237	3.51291919	3.47016946	3.64082439	3.6896383	3.97651281	3.66921206	3.55167953
1.94618571	2.04964409	2.16391994	2.27989838	2.3146324	2.44253224	2.52639748	3.27588957
0.00090409	0.00093149	0.00093149	0.00104108	0.00090409	0.00090409	0.00093149	0.00095889
4.13761433	5.53775191	4.86310391	5.73932635	5.79037297	9.8216029	9.87017385	8.37119197
0.00387469	0.0039921	0.0039921	0.00446176	0.00387468	0.00387468	0.00399209	0.00410951
0.12734137	0.12734137	0.12148024	0.05921085	0.13323528	0.14501703	0.23094527	0.22089174
1.59575611	1.45627049	1.71152473	1.85734805	1.91922569	2.02647601	1.96360437	2.53382724
1.98494061	2.22771105	2.30715172	2.30500299	2.00487262	2.05684023	2.32167033	2.47993428
8.2676E-07	8.0345E-07	1.0259E-06	8.089E-07	5.9184E-07	6.4314E-07	9.8629E-07	6.4825E-07
0.0993424	0.0940552	0.09769054	0.10913164	0.10488394	0.10499535	0.11396652	0.11555384
3.38826866	3.6188269	3.871548	4.12948268	4.29880457	4.48429117	4.64754952	5.18454872
4.7243E-08	4.5911E-08	5.8625E-08	4.6223E-08	3.3819E-08	3.6751E-08	5.6359E-08	3.7043E-08
1.122E-07	1.0904E-07	1.3923E-07	1.0978E-07	8.0321E-08	8.7283E-08	1.3385E-07	8.7976E-08
1.67427339	2.12879663	1.75544997	1.31926241	1.40020505	1.71074925	1.29506696	1.68633573
9.37797905	10.2712017	11.7430639	13.3564656	14.7764576	16.3263108	18.7559176	19.9066865
5.0896E-07	1.7301E-06	2.937E-06	9.6918E-06	1.9926E-05	2.3417E-05	2.0086E-05	8.071E-05
1.44869364	1.79960837	2.2615696	2.3341434	2.41941172	2.81721485	2.91099849	2.99795702
1.9595E-08	1.6353E-08	2.0085E-08	2.1527E-08	2.634E-08	2.9403E-08	3.5422E-08	4.1381E-08
	7.0667E-05	0.00017667	0.0002915	0.00062717	0.00197868	0.00259702	0.00277369
0.00129156	0.0013307	0.0013307	0.00148725	0.00129156	0.00129156	0.0013307	0.00136984
38.0377613	37.7587252	40.2646467	37.33319	37.7477065	36.3241804	37.4554938	40.5494562
0.77082703	0.66729226	0.92876749	1.01599377	0.91247239	0.83941124	0.73950154	0.72743771
9.72231583	11.0807549	11.2992298	9.83368966	9.95278472	11.4099424	8.63272982	8.46903159
49.7851447	52.575106	55.9226426	59.2618387	65.5789101	68.0031241	72.9225087	89.851044
0.06227337	0.05916239	0.12765821	0.09790711	0.10378924	0.18093776	0.12454721	0.21380033
						6.7029E-07	8.9078E-06
0.05728887	0.05652074	0.06036789	0.06039885	0.04813763	0.0473099	0.03767077	0.03031774

1.4353305	1.3251807	8.31907388	12.2573319	7.32524559	6.92059352	1.80479624	0.81163758
6.955E-11	6.9551E-12	8.3461E-12	5.5638E-12	8.3461E-12	5.5638E-12	6.9551E-12	8.3461E-12
5.5671148	5.99755843	5.54577126	5.83762453	5.41335216	5.61582097	5.92063096	7.39720975
0.00038747	0.00039921	0.00039921	0.00044618	0.00038747	0.00038747	0.00039921	0.00041095
0.00271228	0.00279447	0.00279447	0.00312323	0.00271228	0.00271228	0.00279446	0.00287666
0.0904273	0.09655326	0.09344199	0.08099585	0.06543838	0.06854993	0.07175855	0.0498811
0.20987467	0.1887729	0.84400528	0.59250204	0.77339847	0.75959602	1.178971	1.35156827
2.2145E-08	2.2956E-08	3.1144E-08	2.6E-08	2.008E-08	2.2969E-08	3.6986E-08	2.5467E-08
	0.1147109	0.11088045	0.0718566	0.0447268	0.05376987	0.06256843	0.05067421
28.034169	28.8012295	29.83765	14.125498	14.85486	15.0338309	15.5743726	15.6254321
76.6187561	74.998922	74.0473723	70.3648402	63.8928875	63.5095715	60.5941649	63.5120049
0.01291562	0.01330701	0.01330699	0.01487252	0.01291562	0.01291562	0.01330697	0.01369838
5.9054E-09	5.7389E-09	7.3281E-09	5.7779E-09	4.2274E-09	4.5938E-09	7.0449E-09	4.6303E-09
0.1441386	0.12158622	0.27714399	0.33848773	1.2115875	1.13512004	1.27758717	1.40130782
		0.02216622	0.0249368	0.03047813	0.03047809	0.03047808	0.02770746
14.8614518	26.2791896	37.7071486	29.6168557	24.8836743	33.4455666	37.3855755	39.8969353
0.82984493	0.82782082	1.5590842	1.68628829	1.55035763	1.64918018	1.92784004	2.15497001
2.50001147	2.24049527	2.60678954	3.82148658	3.91872735	4.46747616	3.469242	3.0934745
0.04072754	0.02521235	0.02133357	0.02909116	0.03103059	0.02909115	0.01939424	0.02909116
8.37624059	9.34610276	10.6939597	12.9245139	13.4867431	14.1205935	12.2656817	9.97907209
0.96359309	0.98286912	1.00473151	1.0262666	0.97343722	1.06013127	1.09033118	1.95397447
0.06101516	0.04814295	0.04336935	0.06225139	0.07241674	0.04669399	0.0394266	0.046694
1.34614223	1.46871931	1.3841568	1.56249161	1.33580146	1.36461199	1.55393262	1.47360888
2.469E-09	2.4691E-10	2.9629E-10	1.9752E-10	2.9629E-10	1.9752E-10	2.4691E-10	2.9629E-10
2.3622E-09	2.2956E-09	2.9312E-09	2.3111E-09	1.691E-09	1.8375E-09	2.818E-09	1.8521E-09
38.5099017	39.6287692	41.1090157	41.534458	38.8968272	42.529708	39.5315691	35.8680825
0.61620501	0.70151326	3.21073213	3.35831798	4.28984676	4.68140552	4.43481584	4.68437541
61.2072652	58.9820488	59.938704	54.3025236	50.1650081	49.031987	47.8779577	48.9143537
0.00377106	0.00385898	0.00396109	0.00405371	0.00389918	0.00423158	0.0043625	0.0073787
0.04710038	0.06926499	0.06372385	0.13298788	0.12190573	0.108053	0.10805314	0.09974152
0.00723275	0.00745192	0.00745192	0.00832861	0.00723274	0.00723274	0.0074519	0.00767109
1.0334E-07	1.0043E-07	1.2824E-07	1.0111E-07	7.398E-08	8.0392E-08	1.2329E-07	8.1031E-08
0.00142072	0.00146377	0.00146377	0.00163598	0.00142072	0.00142072	0.00146377	0.00150682
0.00077494	0.00079842	0.00079842	0.00089235	0.00077494	0.00077494	0.00079842	0.0008219
0.868104	1.07288073	1.67693553	2.55755873	2.16747949	1.820934	1.76973443	1.6081334
8.8581E-09	8.6084E-09	1.0992E-08	8.6668E-09	6.3411E-09	6.8908E-09	1.0567E-08	6.9455E-09
0.10932988	0.12109396	0.13285837	0.13285837	0.13285829	0.10624809	0.10035252	0.11521897
7.3818E-08	7.1737E-08	9.1601E-08	7.2223E-08	5.2843E-08	5.7423E-08	8.8061E-08	5.7879E-08
0.03491646	0.03939694	0.04154808	0.04805003	0.05437106	0.06425781	0.06733448	0.08247557
0.0757418	0.0702007	0.0702007	0.06708942	0.06397782	0.07783044	0.07505999	0.08094205
2.18869665	2.35243139	2.46880678	3.1235835	3.61283901	4.2193218	3.66173913	3.91699786
0.00320852						0.00320852	0.00320852
3.34231237	3.42748113	3.70397601	3.55091024	3.09829393	2.98581257	3.03957206	3.26483428
6.74784837	9.97437082	12.5885564	14.4174329	11.6280951	12.5708747	25.5323774	29.657465
20.3131752	20.8630683	20.8403667	22.2023432	22.1805233	22.7983315	23.3292619	22.2264896
0.36919714	0.26181891	0.4731141	0.47486717	0.66166311	0.59618713	0.62699684	0.50701453
49.9756286	56.0367476	66.2283557	66.5885627	59.1926158	68.7630736	65.3324317	62.1217425
16.4885084	15.1724707	17.5863366	18.9553064	20.6764734	26.1853176	21.389179	22.4250324

0.57798271	0.61706559	0.67706967	0.68164051	0.72468256	0.68952906	0.79844866	0.84199555
23.5946308	25.0397594	27.6124444	30.2583221	29.1712993	29.8845035	29.1062127	29.8700835
0.06372426	0.06372438	0.06926547	0.06095362	0.05541222	0.05264138	0.04177307	0.04177304
1.28378267	0.59460382	0.69779751	0.84374644	0.84685814	0.98019967	0.9895342	1.25218615
55.930639	59.9180402	65.5923032	79.0897099	67.0597942	70.3041287	68.0607906	64.2342965
3.27256122	3.42153334	3.58906139	3.75086275	3.78122712	4.00369494	4.12921015	5.5162692
0.19470468	0.19193422	0.17603576	0.21614431	0.21614426	0.20092766	0.19781612	0.22581957
0.0063255	0.00663643	0.00702448	0.00728911	0.00771385	0.00818135	0.00856763	0.00886301
6.6072E-10	6.6074E-11	7.9288E-11	5.2856E-11	7.9288E-11	5.2856E-11	6.6074E-11	7.9288E-11
6.955E-11	6.9551E-12	8.3461E-12	5.5638E-12	8.3461E-12	5.5638E-12	6.9551E-12	8.3461E-12
1.1811E-08	1.1478E-08	1.4656E-08	1.1556E-08	8.4549E-09	9.1877E-09	1.409E-08	9.2607E-09
4.74121634	4.9262845	6.42537157	7.67886412	6.97794079	9.72054602	10.6581448	8.08260305
29.3093548	28.4512406	23.3281377	16.7984357	12.7542143	11.8395793	9.92182342	11.6897664
1.0432E-09	1.0433E-10	1.2519E-10	8.3458E-11	1.2519E-10	8.3458E-11	1.0433E-10	1.2519E-10
0.32670754	0.3204845	0.64096747	0.62229864	0.46672429	0.40449476	0.46672374	0.40449461
0.0167903	0.01729911	0.01729909	0.01933428	0.0167903	0.0167903	0.01729906	0.01780789
25.1348225	16.6409815	14.7019241	7.07496741	8.80834934	11.9839457	12.5963096	12.6306825
2.3622E-08	2.2956E-08	2.9312E-08	2.3111E-08	1.691E-08	1.8375E-08	2.818E-08	1.8521E-08
0.1888217	0.19436298	0.17880554	0.15770686	0.14837236	0.15459534	0.14837243	0.14526097
0.00129156	0.0013307	0.0013307	0.00148725	0.00129156	0.00129156	0.0013307	0.00136984
1.09329398	1.16929249	1.25257018	1.33759543	1.39572258	1.45439669	1.50763526	1.65632406
1.14866372	1.05972036	1.1182556	0.91468	0.65208	0.689	0.663	0.57902
0.03283509	0.03349194	0.03423691	0.03497073	0.03317054	0.0361247	0.03715378	0.06658301
1.1128E-09	1.1128E-10	1.3354E-10	8.9021E-11	1.3354E-10	8.9021E-11	1.1128E-10	1.3354E-10
0.10319752	0.10335388	0.14965477	0.19914545	0.11057517	0.11271876	0.21381768	0.20534522
0.02733678	0.02788364	0.02850386	0.02911481	0.02761606	0.03007554	0.0309323	0.05543354
5.3345E-07	6.0071E-07	6.6047E-07	6.2626E-07	6.6256E-07	4.8945E-07	4.5672E-07	3.9553E-07
3.4775E-11	3.4776E-12	4.173E-12	2.7819E-12	4.173E-12	2.7819E-12	3.4776E-12	4.173E-12
23.4887287	25.3904772	27.5970384	31.6343575	26.4519353	26.5350256	28.3445696	31.2208844
0.01463781	0.01370257	0.01419797	0.01608764	0.01518536	0.01518865	0.01662006	0.01667038
0.00387469	0.0039921	0.0039921	0.00446176	0.00387468	0.00387468	0.00399209	0.00410951
0.16216534	0.1716629	0.13848104	0.16106775	0.16807461	0.20291307	0.2035333	0.20856428
0.003066	0.00255946	0.0031436	0.00336939	0.0041227	0.00460209	0.00554428	0.00647699
0.10575793	0.09960041	0.10325459	0.06621599	0.05827564	0.05184678	0.06527095	0.07918164
0.00542456	0.00558894	0.00558894	0.00624646	0.00542456	0.00542456	0.00558893	0.00575332
1.3287E-07	1.2913E-07	1.6488E-07	1.3E-07	9.5117E-08	1.0336E-07	1.5851E-07	1.0418E-07
0.00387469	0.0039921	0.0039921	0.00446176	0.00387468	0.00387468	0.00399209	0.00410951
0.75240668	0.9812339	0.97805755	1.87445644	2.23146096	2.65822712	2.47286921	6.53055408
0.01291562	0.01330701	0.01330699	0.01487252	0.01291562	0.01291562	0.01330697	0.01369838
3.4775E-09	3.4776E-10	4.173E-10	2.7819E-10	4.173E-10	2.7819E-10	3.4776E-10	4.173E-10
					0.02566824	0.02566824	0.0320853
36.5406395	48.0548649	57.8733211	74.6333287	53.1589511	61.3055479	49.4921595	48.8871552
0.0605255	0.06985996	0.08507655	0.08196507	0.07574215	0.06917835	0.0660669	0.05085029
13.0868667	13.605072	14.5323519	13.9140397	12.3696438	11.6361162	11.383882	11.124729
0.76621994	2.39804181	2.37463741	2.77699701	3.08792234	3.60105184	4.44742855	3.72527585
0.39576993	0.54133228	0.60498429	0.66086931	0.57195348	0.62188935	0.67282953	0.80715283
7.06159488	7.05964886	7.06224665	7.27219428	25.1036681	27.6370355	27.3918448	22.1765208
0.32100329	0.52265137	0.54431703	0.62618003	0.63937672	0.38834813	0.62435079	0.73403665
0.38528957	0.40784879	0.38781607	0.39632836	0.4608306	0.32268576	0.34888745	0.40485055

1.77086668	1.81818837	1.89386777	2.14223949	1.8884983	1.97963141	1.99680666	2.084225
1.26596303	1.2706755	1.49004027	1.58734889	1.63329984	1.48675049	1.39040033	1.49004333
0.00412643	0.00412643	0.00412643	0.00412643	0.00412643	0.00412643	0.00412643	0.00412643
2.5668E-06	2.563E-06	5.1251E-06	5.1249E-06	5.1251E-06	2.5629E-06	2.563E-06	2.5631E-06
17.3439295	15.2157965	17.5703635	16.9230505	17.3128273	18.4073898	19.8363293	22.7751495
0.00021817	0.00021787	0.00021127	0.00020166	0.00019205	0.00018731	0.00018942	0.00020004
1.71269002	1.91776641	2.15904319	2.42274883	2.72432165	1.9369623	2.03984944	2.96740564
1.30804839	1.43198192	1.53980511	1.34849443	1.30374078	1.30629574	1.2406733	1.3936367
0.02223197	0.02858343	0.02858345	0.0285834	0.02858342	0.02858343	0.03493494	0.04128813
5.2162E-10	5.2163E-11	6.2596E-11	4.1729E-11	6.2596E-11	4.1729E-11	5.2163E-11	6.2596E-11
15.8248691	19.2831886	20.8931192	17.3790956	14.6031626	15.2875401	12.5215341	14.7178785
0.00555372	0.00572201	0.00572201	0.00639519	0.00555371	0.00555371	0.005722	0.0058903
4.48513705	5.72224492	6.44062822	6.24303076	6.80409675	4.70666716	5.08025106	5.57404624
92.0084854	93.0045812	99.1273214	103.706768	104.108245	113.384932	118.476423	175.437449
49.5238378	65.7868421	90.8503861	94.3547419	72.9616403	92.0576271	92.6477548	83.5253369
0.39939973	0.38964604	0.26781045	0.24008825	0.17174457	0.48851672	0.41975607	0.56477369
0.01108292	0.01385355	0.01385357	0.01662413	0.01385357	0.01385357	0.01662417	0.01385366
0.05639124	0.04428637	0.05639133	0.05050929	0.08026042	0.06227342	0.0539618	0.1054933
1.60530189	2.4634137	2.56168134	2.86768159	2.5094122	2.60672917	2.89841009	3.50909165
Cunha					1.0094E-07	2.1037E-07	2.206E-07
2.4342E-10	2.4343E-11	2.9211E-11	1.9473E-11	2.9211E-11	1.9473E-11	2.4343E-11	2.9211E-11
0.00645781	0.0066535	0.0066535	0.00743626	0.00645781	0.00645781	0.00665348	0.00684919
0.06956196	0.06576891	0.07510321	0.09304736	0.08959466	0.09581793	0.08648347	0.0947953
0.01020361	0.01051281	0.01051276	0.01174958	0.01020362	0.01020364	0.01051262	0.01082194
2.9527E-08	2.8695E-08	3.664E-08	2.8889E-08	2.1137E-08	2.2969E-08	3.5225E-08	2.3152E-08
0.00025831	0.00026614	0.00026614	0.00029745	0.00025831	0.00025831	0.00026614	0.00027397
6.4905E-07	3.0486E-06	5.4709E-06	1.9222E-05	3.9933E-05	4.6899E-05	4.0131E-05	0.00012396
3.48217703	3.69843379	3.44564746	3.4469947	3.52035175	3.72127502	4.15638775	2.41071162
2.92960728	2.85172308	3.69320337	3.72622445	3.58321854	3.47304924	4.05435333	4.43727633
3.20347682	3.04639944	1.57972831	1.98622903	2.57970826	3.53129693	3.07570963	3.0718037
							0.00173704
0.00193734	0.00199605	0.00199605	0.00223088	0.00193734	0.00193734	0.00199605	0.00205476
0.6424114	0.60035914	0.5959316	0.55877897	0.67234111	1.01117296	1.23206603	1.41419171
2.6261E-09	2.5521E-09	3.2588E-09	2.5694E-09	1.8799E-09	2.0429E-09	3.1329E-09	2.0591E-09
0.00258312	0.0026614	0.0026614	0.0029745	0.00258312	0.00258312	0.00266139	0.00273968
							2.3573E-07
0.1940749	0.24498535	0.29188285	0.27640297	0.29689537	0.34214658	0.22742726	0.23022973
0.001774	0.0018612	0.00197003	0.00204425	0.00216337	0.00229448	0.00240281	0.00248565
1.22920738	1.25805478	1.29057261	1.32275639	1.26489149	1.37238238	1.41247937	2.44715329
6.955E-11	6.9551E-12	8.3461E-12	5.5638E-12	8.3461E-12	5.5638E-12	6.9551E-12	8.3461E-12
4.47459783	3.74673927	3.78990859	4.19597814	3.46033128	3.97315634	4.31068537	3.78245651
0.20378564	0.25886191	0.22601777	0.19248824	0.20255643	0.21674507	0.24420889	0.24017804
2.61773244	3.51246396	4.60647014	5.55369264	5.59176534	5.35186212	6.97279448	4.59050423
1.45867469	1.55863249	1.82178489	1.66696714	2.18258202	3.10172797	3.24914689	4.07531722
0.05264139	0.04987079	0.0415591	0.03047684	0.06397033	0.05264138	0.03324728	0.03350372
28.4918703	29.3075101	30.2219363	31.1289568	30.1238836	32.5090622	33.4951976	55.1136647
0.28406586	0.24869107	0.27355382	0.28282402	0.27662086	0.25087219	0.18527295	0.31202533
330.112607	349.13928	407.281143	384.725111	318.389045	338.781639	337.982434	338.054901
1.74652266	1.8150586	1.89100657	1.96759884	1.94535442	2.07787307	2.14446258	3.19234949

8.8581E-09	8.6084E-09	1.0992E-08	8.6668E-09	6.3411E-09	6.8908E-09	1.0567E-08	6.9455E-09
26.8345655	25.5647501	27.0755838	23.4278584	16.8542896	15.6687954	14.6386418	15.6485279
5.9054E-09	5.7389E-09	7.3281E-09	5.7779E-09	4.2274E-09	4.5938E-09	7.0449E-09	4.6303E-09
0.02763191	0.018535	0.02763191	0.0367552	0.04930096	0.05784888	0.06016636	0.0591156
2.782E-10	2.7821E-11	3.3384E-11	2.2255E-11	3.3384E-11	2.2255E-11	2.7821E-11	3.3384E-11
2.4342E-10	2.4343E-11	2.9211E-11	1.9473E-11	2.9211E-11	1.9473E-11	2.4343E-11	2.9211E-11
0.18046852	0.17424562	0.26136627	0.19602483	0.16802081	0.1742438	0.20847057	0.21158205
12.5385236	12.9355006	13.5770232	14.0040518	15.151004	15.5390888	15.8927549	16.9151674
0.00056006	0.00066144	0.06292168	0.1223345	0.12821936	0.130961	0.12813515	0.12224273
0.71421741	0.61437405	0.69055715	0.66434136	0.4947663	0.65173111	0.80345593	0.52985454
0.0002213	0.00027998	0.00026009	0.00032379	0.00039553	0.0004731	0.00053238	0.00059695
0.10166592	0.09476342	0.09621981	0.10573866	0.11166358	0.11602547	0.14961585	0.15903944
0.25896512	0.31759698	0.35829226	0.3269123	0.30850848	0.30760599	0.30727138	0.45351079
0.00010899	0.00012145	0.00010264	0.00011515	0.00012799	0.00013931	0.00014228	0.00015759
1.37264263	1.75726784	1.01188644	1.08473862	0.96499582	0.99297175	1.06341643	1.3250848
4.63921664	4.54276068	5.09349261	4.65788564	3.22971622	3.55019856	3.58753656	1.65219579
1.90761318	1.69878654	1.93144446	1.66505922	2.25877113	2.76049431	6.00162426	6.54598341
17.1944943	15.4046433	16.5521695	17.7028348	16.3692518	17.8529335	15.7188353	17.6191227
2.67937555	2.84913201	3.02822199	3.18470374	3.32123144	3.41662041	3.5367533	3.65535026
0.00079439	0.00089085	0.00074313	0.00083946	0.00093855	0.00103491	0.0010802	0.00112936
44.882715	43.6101918	45.373908	45.6439842	45.7349608	44.6959874	45.9787973	43.4232499
13.5447507	13.8913831	14.7526679	15.9109323	14.2496543	14.6584844	14.3846877	14.6495911
8.06534844	8.52470057	9.08378159	9.57462521	10.0891563	10.1727686	10.4159957	10.6877118
0.02163856	0.02187372	0.02163892	0.02391304	0.02365412	0.01977198	0.01706041	0.01806783
40.9155697	43.0524368	44.5746144	42.9220147	34.5498185	39.303767	37.0297357	37.5546388
0.01244578	0.01555739	0.0093345	0.0093345	0.02178028	0.02489189	0.02178028	0.01555739
0.09273669	0.09374451	0.09273821	0.10248447	0.10137478	0.08473704	0.07311603	0.07743354
0.95473596	0.95473596	1.27982235	1.34708405	1.54125624	1.54890831	1.55360005	1.62412269
9.61972801	9.55784318	9.1366409	9.1385364	9.24151934	8.66692022	7.82114668	10.4201429
0.42265177	0.54185874	1.38186081	2.06721212	2.14011965	2.17940089	2.17707841	2.19166982
0.00794395	0.00890848	0.00743125	0.0083946	0.00938545	0.01034914	0.01080197	0.01129357
4.9413995	4.50359891	5.20042158	5.53262406	5.42295982	4.54374857	4.87411521	4.86468539
7.63046026	8.13843682	8.63386379	9.0629702	9.39640461	9.76831242	10.1662674	10.5553911
0.00045394	0.00050906	0.00042464	0.00047969	0.00053631	0.00059138	0.00061726	0.00064535
0.00107811	0.00120901	0.00100853	0.00113927	0.00127374	0.00140453	0.00146598	0.0015327
0.42123097	0.50149624	0.46147569	0.49687702	0.62687794	0.70765007	0.56325049	0.5505022
24.5359057	26.5714773	31.8160381	34.9417714	37.4880048	43.8789983	47.9521385	52.0420389
0.00190087	0.00213167	0.00177819	0.00200871	0.00224581	0.00515237	0.00460436	0.00951854
0.06737926	0.06417074	0.05454487	0.06417074	0.06417074	0.07058779	0.02566817	0.04171078
0.00064572	0.00058273	0.00059583	0.0006483	0.00070009	0.00073204	0.00090083	0.00097151
0.01594569	0.02361873	0.03352403	0.04566158	0.07119308	0.16815722	0.30976691	0.29609323
0.03091223	0.03124817	0.03091274	0.03416149	0.03379159	0.02824568	0.02437201	0.02581118
77.2232965	79.4654901	96.5541112	100.091922	90.7248932	90.4738248	94.7741245	90.2950273
8.94637484	8.78934207	9.71070013	8.7550077	7.99609989	7.7757835	8.18716197	8.33539555
6.06517644	6.22098816	6.09214084	6.47031234	5.35141998	5.56427344	5.88775467	6.05348536
380.301533	402.19038	412.136476	425.468362	494.593601	523.817916	596.171462	649.784813
0.70431109	0.83557557	0.73491081	0.86636944	1.00356543	0.92411608	0.54237428	0.64261417
0.08089857	0.08089857	0.07156407	0.07156407	0.09956724	0.06222957	0.10267885	0.16179681
1.01502662	1.02213694	0.85920487	0.86342243	0.8338859	0.90441086	0.91436255	0.8576194
0.14312813	0.13690524	0.13690524	0.11512464	0.09956724	0.10267885	0.11201335	0.07156407
0.00042163	0.00052685	0.000506	0.00060127	0.00052685	0.0005153	0.000966	0.00092944



5.44242211	5.13423081	5.27559441	5.26313283	8.60729309	9.22270876	10.2888433	10.417403
0.00927367	0.00937445	0.00927382	0.01024845	0.01013748	0.0084737	0.0073116	0.00774335
0.06491568	0.06562116	0.06491675	0.07173913	0.07096235	0.05931593	0.05118122	0.05420348
0.33625406	0.33321011	0.41527324	0.31250332	0.3816053	0.37230066	0.52375685	0.54544661
9.03046295	8.04657537	7.9596085	9.53252637	8.68928076	9.1419597	10.5579171	11.6459104
0.00021278	0.00025453	0.00022559	0.00026983	0.00031844	0.00036961	0.00040507	0.00044368
0.38985088	0.52310053	0.51108029	0.32453175	0.41692612	0.5658377	0.64032367	0.6529502
70.6276122	68.3181032	66.2561912	67.6020372	68.1711118	68.9507793	73.4191305	67.5916643
241.754439	242.74049	261.015603	256.640399	234.630373	233.098768	225.359279	229.025631
0.3091223	0.31248171	0.30912738	0.34161489	0.33791595	0.28245681	0.2437201	0.25811179
5.6742E-05	6.3632E-05	5.308E-05	5.9961E-05	6.7039E-05	7.3922E-05	7.7157E-05	8.0668E-05
9.84115291	10.1181131	9.28507585	7.07991362	7.37759468	8.31936975	8.4373592	8.95320147
0.66397898	0.90823307	0.88943731	0.78034141	0.6558149	0.92084316	0.85586044	1.22379124
1.05631288	1.57538094	1.82856202	1.81108917	1.80784051	2.08207708	2.32404785	2.67261566
0.47631195	0.4049417	0.42117846	0.70574671	0.7494127	0.85628416	0.9346694	1.08511209
8.42308421	9.58108322	8.14669247	9.70209311	11.5081004	13.6116997	13.6090492	13.1814207
0.03203314	0.0220923	0.03373771	0.03313131	0.02324781	0.02648499	0.02555872	0.01986252
0.0333418	0.03268997	0.03308505	0.03797381	0.03783483	0.02749978	0.02583592	0.02577318
48.0230752	47.59973	54.5612537	55.0180988	51.8732174	54.3802447	55.3136975	53.5836879
3.67303765	3.92174098	4.15760925	4.36117326	4.51208773	4.7082835	4.90934969	5.1056839
0.24177089	0.1924966	0.25260933	0.24689562	0.20077282	0.21299576	0.21732471	0.20804567
10.8307472	13.4814622	14.7207993	13.1876232	11.7240562	12.5089825	11.9099035	13.893357
0.02853946	0.0306217	0.03022287	0.03457075	0.03326081	0.03359517	0.05237721	0.05275072
2.2697E-05	2.5453E-05	2.1232E-05	2.3985E-05	2.6816E-05	2.9569E-05	3.0863E-05	3.2267E-05
134.583313	127.072722	122.875671	127.004243	109.282456	111.854309	110.449945	110.893181
0.39515801	0.3827119	0.4200499	0.41071541	0.5738651	0.9251653	0.78183748	1.08131582
156.396915	149.915106	155.55593	139.700418	133.054237	130.482177	129.865932	118.779367
5.79109647	6.15199576	6.50305624	6.79001295	7.05069686	7.25996837	7.50273034	7.83085088
0.40818039	0.43015483	0.4331692	0.42614775	0.46679118	0.45742684	0.46403804	0.42368567
0.17310849	0.17498976	0.17311133	0.19130434	0.18923293	0.15817581	0.13648326	0.1445426
0.00099299	0.00111356	0.00092891	0.00104933	0.00117318	0.00129364	0.00135025	0.0014117
0.03400345	0.03437299	0.03400401	0.03757764	0.03717075	0.03107025	0.02680921	0.0283923
0.01854734	0.0187489	0.01854764	0.02049689	0.02027496	0.01694741	0.01462321	0.01548671
							0.02245965
6.20322072	7.02131725	8.00359745	7.85942762	7.89987447	8.61913084	8.98474301	9.43156994
8.5114E-05	9.5448E-05	7.9621E-05	8.9942E-05	0.00010056	0.00011088	0.00011574	0.000121
0.86946306	0.77317078	0.68904237	0.86303721	0.71407788	0.61383947	0.60963066	0.85541275
0.00070928	0.0007954	0.0006635	0.00074952	0.00083799	0.00092403	0.00096446	0.00100835
0.68582145	0.74264654	0.84089448	0.71716307	0.8790562	0.92982773	0.92028912	0.84413777
2.53972813	2.4393507	2.11698356	3.55763405	2.9922464	3.8186533	4.5919514	4.65273424
0.28313881	0.31785042	0.34630896	0.38043812	0.40863544	0.41232918	0.4416914	0.48301419
4.83398952	4.40570528	5.0873813	5.41236277	5.30508228	4.44498222	4.76816777	4.75894291
0.15070976	0.1633497	0.16014117	0.19738194	0.17278111	0.26933398	0.25367968	0.27244559
15.9979088	16.5448081	17.4806039	18.1504087	17.1062409	18.1565293	18.6096363	19.4428377
4.9213026	5.30678125	5.70369591	6.12124087	7.75637569	7.9540354	9.87190107	13.0746736
63.6449893	66.7333713	65.2337842	70.8407778	77.4867968	82.7133871	85.0868186	82.8403273
5.35384139	5.19194528	4.81462411	5.23132257	4.39171386	4.39987779	4.70407089	4.24652936
8.92346738	9.72376979	11.5230701	12.6517353	14.3483799	16.3868659	18.3747994	17.3627516
1.47290218	1.58837688	1.90835237	2.05280146	2.7892687	3.61878369	3.43113725	3.7580823
0.27475323	0.30571312	0.35215326	0.39561837	0.30559179	0.35184995	0.37370367	0.4511037

2.41968016	2.47129972	2.85182862	2.73027392	2.90472002	2.89206561	2.8703704	3.14690419
92.8572036	95.7183544	100.354796	102.746898	89.7847938	96.2352879	94.3899649	83.9415174
4.47926376	4.50736418	4.93344251	5.14755226	4.17365947	3.6567536	4.32630423	4.60770185
0.14915103	0.13981652	0.2331612	0.16159713	0.18745913	0.22168552	0.23724292	0.36481366
262.255427	275.640902	300.157688	296.431835	269.34015	273.24009	261.073045	243.653556
81.269469	86.3779043	90.7772045	94.074491	97.0268396	100.492405	103.95797	109.72251
0.61460467	0.65846451	0.64888208	0.6617572	0.70742748	0.89521644	0.98768426	0.92344251
8.21798108	8.71847943	9.13558055	9.42770367	9.71730972	10.0281477	10.3389857	10.9677678
0.00400549	0.00500505	0.00480697	0.00571205	0.00500505	0.00489536	0.00917704	0.00882972
0.00042163	0.00052685	0.000506	0.00060127	0.00052685	0.0005153	0.000966	0.00092944
0.00011348	0.00012726	0.00010616	0.00011992	0.00013408	0.00014784	0.00015431	0.00016134
15.7284327	15.1589297	18.5432019	19.4385352	19.9484583	22.7706361	21.9018328	25.2252564
2.68970885	2.93450875	3.13228304	2.96418738	2.69199051	2.89517218	3.02214736	2.97547381
0.00632446	0.00790272	0.00758995	0.00901902	0.00790272	0.00772952	0.01449007	0.01394167
1.45526697	1.38653248	1.58482037	1.42660534	1.24925114	0.90434666	0.66787418	1.35857543
0.40185898	0.40622622	0.40186559	0.44409936	0.43929073	0.36719385	0.31683614	0.33554533
0.64601957	0.85141841	0.80287371	0.9647017	1.08314411	1.41388548	1.60108576	1.96787609
0.00022697	0.00025453	0.00021232	0.00023985	0.00026816	0.00029569	0.00030863	0.00032267
0.3016254	0.51631752	0.5535612	0.52857528	0.48501456	0.40741572	0.46040496	0.56600712
0.03091223	0.03124817	0.03091274	0.03416149	0.03379159	0.02824568	0.02437201	0.02581118
5.37172147	5.7269744	6.07711486	6.3807395	6.62074628	6.87296586	7.14775928	7.41683553
11.1205592	10.6595039	11.6627939	10.9858677	8.39489107	9.41427346	8.68211015	9.50124716
2.12913718	2.26813351	2.40666315	2.52637089	2.62397837	2.71747344	2.82215933	2.92785047
0.0067461	0.00842956	0.00809594	0.00962029	0.00842956	0.00824482	0.01545607	0.01487111
2.17973029	2.3929112	2.77662427	3.35614291	3.15321194	3.44763727	3.85564128	4.12886854
1.32639807	1.40337861	1.48133489	1.54274314	1.60820876	1.63700109	1.67920301	1.75488477
0.00021082	0.00026342	0.000253	0.00030063	0.00026342	0.00025765	0.000483	0.00046472
27.6392173	30.4613775	32.2303128	35.9683805	39.2075079	43.0690816	42.4596945	48.5078827
1.43509981	1.30795212	1.51032598	1.60680547	1.57495637	1.31961253	1.41555885	1.41282021
0.09273669	0.09374451	0.09273821	0.10248447	0.10137478	0.08473704	0.07311603	0.07743354
1.62235206	1.48431297	0.95207298	1.20450006	1.42243764	1.52996591	1.67771	1.79424639
4.31398926	3.79795953	3.90459011	4.21548596	4.63193189	4.86642759	5.77262506	6.29860193
1.4801939	1.26975147	1.38797782	1.33122917	1.22246093	1.17989945	0.74009648	0.5840377
0.1364431	0.139246	0.13870715	0.15269989	0.15393022	0.12907144	0.11175807	0.11745327
0.00127671	0.00143172	0.00119431	0.00134913	0.00150838	0.00166325	0.00173603	0.00181504
0.03160005	0.03471153	0.03471153	0.05065713	0.05065713	0.06310305	0.08216013	0.08527161
0.18066819	0.20018791	0.21075155	0.22512578	0.26103988	0.22357626	0.19807133	0.19774326
19.1979078	5.29517725	4.80299197	6.01469078	5.90183439	6.26510295	5.68296224	6.14954429
0.3091223	0.31248171	0.30912738	0.34161489	0.33791595	0.28245681	0.2437201	0.25811179
0.12894126	0.12106529	0.12273593	0.1351747	0.14203952	0.14737715	0.19202288	0.20347826
0.01565445	0.01565445	0.01876593	0.01876593	0.01876593	0.01254297	0.01254297	0.01565445
0.86204194	1.09807315	1.54563019	1.60473283	1.77701278	2.18324301	2.44891751	3.1053654
0.17233345	0.17887736	0.2506355	0.29134609	0.24791222	0.28522018	0.31050022	0.2667454
27.6861546	31.3572091	33.7687079	33.1372188	23.90922	24.2973988	25.2945083	27.7284443
8.5317265	8.87962365	9.2982218	9.86955934	9.30067257	9.94936005	9.75629907	9.85349573
0.02851717	0.05703434	0.1884745	0.19322721	0.1124284	0.02523472	0.05375189	0.041135
4.49266166	5.05205003	5.17052483	5.24165469	4.6387101	4.73192475	4.73293722	4.48492339
0.01889532	0.02204454	0.02834298	0.03779064	0.0472383	0.03464142	0.03779064	0.04093986
5.08113467	5.67803926	6.03955323	6.39159272	6.82166664	6.51695594	6.77873837	6.9980537

0.27610964	0.2827208	0.36741011	0.40231574	0.3929813	0.40325644	0.43810276	0.45142213
3.90026943	4.08317433	4.4310427	4.62625167	5.46446846	5.44282925	5.42158111	5.35088081
4.94203139	5.57946992	6.28112174	5.71195041	7.12040348	6.83065594	7.06294585	7.92483428
0.17169928	0.17169928	0.17169928	0.17169928	0.17169928	0.17169928	0.17169928	0.17169928
0.02529786	0.03161086	0.03035979	0.03607608	0.03161086	0.03091809	0.05796027	0.05576667
50.6676644	53.0261662	54.8421516	55.9158959	57.6423685	60.5966964	64.8732824	64.954104
2.58302449	2.58889545	2.19007098	1.78029437	1.49374923	1.5671764	2.24397566	2.00818835
47.9221602	48.9355541	49.154319	50.3221989	51.4861663	55.9506226	58.8128614	60.9060093
4.70834864	4.69205321	5.30470989	5.69824191	5.69095674	6.25209592	6.67103336	7.18206632
0.06669171	0.08892254	0.08574682	0.07621888	0.09209826	0.0984497	0.10480115	0.0984497
0.00316223	0.00395136	0.00379497	0.00450951	0.00395136	0.00386476	0.00724503	0.00697083
0.8164233	0.89983278	1.35197073	1.0915938	1.98693297	1.3516173	1.41518421	1.12522014
0.13292259	0.13436713	0.13292477	0.1468944	0.14530386	0.12145643	0.10479964	0.11098807
42.5814597	38.3817161	40.2894246	42.7175898	55.1388918	65.7196976	72.5579295	79.2826701
174.191083	184.976116	196.181401	205.703695	214.435305	220.020402	227.211167	235.646511
0.018681	0.018681	0.018681	0.018681	0.02192174	0.02836063	0.03160059	0.03160059
1.96645536	2.29627224	3.66843492	3.9360222	4.17249468	3.92668776	5.49798516	11.2573346
9.4037514	8.57059311	9.89668448	10.5288838	10.3201868	8.6470001	9.27570575	9.25776027
0.58848486	0.81232272	1.63693356	1.44068388	0.7374894	1.29133284	1.2975558	0.59431674
0.31958943	0.31346352	0.34457832	0.43801977	0.3142194	0.46064622	0.5108181	0.36107886
0.41584638	0.30355074	0.3780381	0.51212586	0.57803142	0.686751	0.72739731	0.83492189
0.00117339	0.00071581	0.00093134	0.00105037	0.00074954	0.00018704	0.0003399	0.00044279
0.00147571	0.00184397	0.00177099	0.00210444	0.00184397	0.00180356	0.00338102	0.00325306
0.15456115	0.15624085	0.15456369	0.17080744	0.16895797	0.1412284	0.12186005	0.12905589
0.34123485	0.32235036	0.43497569	0.41970937	0.43552861	0.46029335	0.50955632	0.55957203
0.24420661	0.24686055	0.24421063	0.26987576	0.2669536	0.22314088	0.19253888	0.20390831
0.00028371	0.00031816	0.0002654	0.00029981	0.00033519	0.00036961	0.00038578	0.00040334
0.00618245	0.00624963	0.00618255	0.0068323	0.00675832	0.00564914	0.0048744	0.00516224
0.00397197	0.00445424	0.00371563	0.0041973	0.00469273	0.00517457	0.00540098	0.00564679
17.0765748	16.8337939	17.8098173	18.436602	19.7513851	19.8492801	21.1053483	22.6091757
2.8684619	2.61432047	3.01882314	3.2116653	3.14800567	2.63762718	2.82940365	2.82392967
22.2480266	21.5198676	24.6642982	22.8998208	23.9957513	23.3382045	21.1510355	20.7443678
0.0440185	0.0440185	0.0440185	0.0440185	0.05033863	0.05033863	0.05033863	0.20256611
0.04636834	0.04687226	0.04636911	0.05124223	0.05068739	0.04236852	0.03655802	0.03871677
1.63018452	0.95852841	0.7902541	2.89862739	3.2401123	3.59435638	4.10262457	3.998187
2.5233E-05	2.8297E-05	2.3605E-05	2.6665E-05	2.9812E-05	3.2873E-05	3.4312E-05	3.5873E-05
0.06182446	0.06249634	0.06182548	0.06832298	0.06758319	0.05649136	0.04874402	0.05162236
4.39359397	4.8465615	5.19544938	4.56009004	4.98076865	5.4988267	5.91264181	6.29216279
0.31509824	0.33200431	0.35424916	0.37382442	0.39601171	0.39517972	0.40229797	0.41119605
0.00042163	0.00052685	0.000506	0.00060127	0.00052685	0.0005153	0.000966	0.00092944
0.20025774	0.24087681	0.2533755	0.28063416	0.26651331	0.2150262	0.30339072	0.29274465
0.98564136	1.15607321	1.12827145	1.37952389	1.31828956	1.26924434	1.51263714	1.57519548
8.23711713	11.2483249	11.6079803	11.7207407	13.3391669	15.3150953	16.2141756	19.727455
12.349964	14.3748976	15.0245351	14.1883379	14.8540746	16.9828644	18.6257806	22.0874353
0.23657886	0.2459133	0.329961	0.24906252	0.1681263	0.22720668	0.17127552	0.28265574
0.43704132	0.43704132	0.36570372	0.38755956	0.34103832	0.34115154	0.31580682	0.2033784
127.754936	135.409837	143.367684	149.947786	156.428236	159.770002	164.429929	170.960523
1.22336441	1.19867973	1.21803076	1.20257248	1.24606979	1.28164651	1.27343349	1.24848263

891.74639	911.771744	943.16533	885.297838	754.364919	801.899729	856.11706	826.340311
0.45818156	0.4897772	0.5194085	0.54518282	0.56338219	0.58980976	0.61623731	0.64075642
8.5114E-05	9.5448E-05	7.9621E-05	8.9942E-05	0.00010056	0.00011088	0.00011574	0.000121
7.24736213	8.42085131	10.9326371	10.7602087	11.0858053	12.4365797	14.5768256	12.9399031
5.6742E-05	6.3632E-05	5.308E-05	5.9961E-05	6.7039E-05	7.3922E-05	7.7157E-05	8.0668E-05
0.00286	0.00286	0.00286		0.0286548	0.1203392	0.0601696	0.0805044
0.00168652	0.00210739	0.00202399	0.00240507	0.00210739	0.00206121	0.00386402	0.00371778
0.00147571	0.00184397	0.00177099	0.00210444	0.00184397	0.00180356	0.00338102	0.00325306
44.1011059	45.5732297	51.7378853	52.1377088	54.5620751	61.2391017	63.8556846	62.7429939
2.11310452	2.45494363	2.67083642	2.65088017	2.75978456	2.73142901	2.39442874	2.3469635
2.69079907	2.24038979	3.11687543	2.35893607	2.65031264	3.31057512	2.87103614	3.14594599
0.01987752	0.02933005	0.03121418	0.03011479	0.04302537	0.03992535	0.04790254	0.04985
0.05719284	0.11737345	0.17570156	0.20773402	0.21163021	0.24201189	0.37727427	0.27498707
0.13758429	0.15926765	0.16879631	0.37181869	0.35295585	0.34653881	0.34653881	0.34653881
0.00042995	0.00043589	0.00043844	0.00044663	0.00047986	0.00052136	0.00044938	0.00054258
0.69830745	0.74338849	0.75657355	0.76370175	0.71011867	0.72209493	0.71804771	0.79851401
0.55695514	0.59118122	0.6160731	0.63163049	0.64407628	0.6502995	0.64407661	0.65652207
0.14985432	0.34474572	0.53155872	0.69544926	1.00995147	1.43295669	2.20959858	2.81421675
19.2905592	21.1291475	19.7766839	18.8178827	18.4252735	19.0286563	21.5574835	18.6324755
2.42231892	2.66637296	3.1368749	3.58944839	3.96182739	4.21730528	4.43209244	4.65997226
0.07135521	0.09332287	0.08918337	0.07807537	0.1020941	0.0873367	0.09719355	0.0943108
52.5406584	58.0605298	59.2601658	65.3348049	69.5658992	71.9364917	80.9324104	75.5388641
10.3671097	10.585567	10.8240033	9.3808842	9.2013565	11.8771007	9.60175913	10.0541714
7.42557431	8.0280333	9.09880126	10.2216974	11.0983596	11.8911296	12.5068981	13.1720194
0.00022601	0.00028251	0.00028251	0.00025426	0.00036641	0.00586102	0.00567267	0.00586615
29.3009153	32.5806707	35.6213611	39.067352	28.9094875	31.859084	30.5697784	32.5588177
		0.02236274	0.00641705	0.00641705	0.00641705	0.01273718	0.01273718
0.00096861	0.00121077	0.00121077	0.00108969	0.00157033	0.02511868	0.02431143	0.02514065
0.67388783	0.67388783	1.03930674	1.02618889	0.88958874	0.93462522	1.02630135	1.25074515
21.2097843	22.6568589	22.5296807	24.0742989	26.2074351	26.3792312	30.374571	35.6351569
0.30430327	0.31445171	0.35398546	0.40679787	0.7119594	0.96213752	1.2053982	1.32566542
0.71355212	0.93322874	0.8918337	0.78075373	1.02094097	0.87336704	0.97193552	0.94310805
2.76273034	2.97210342	3.23824683	3.20216543	3.57258174	4.25680929	4.3759781	4.84851544
23.3679125	25.6037726	29.8202678	33.8541268	37.2091462	39.5312939	41.3943219	43.5531423
0.04077441	0.05332736	0.05096193	0.0446145	0.05833948	0.04990669	0.05553917	0.05389189
0.09683922	0.12665247	0.12103457	0.10595944	0.13855627	0.11852838	0.13190554	0.12799324
0.21803156	0.23699938	0.24770688	0.26917237	0.28962401	0.2983483	0.34605053	0.39342935
7.46168786	6.04921419	6.57136249	5.79384756	5.81622913	5.74100504	6.36941272	9.04925065
0.17074283	0.22330831	0.21340306	0.18682321	0.24429659	0.20898426	0.23257029	0.22567228
0.23187779	0.23187779	0.22866927	0.23187779	0.23187779	0.23187779	0.23187779	0.23187779
0.00016341	0.00033535	0.000502	0.00059353	0.00060466	0.00069146	0.00107793	0.00078568
0.04443409	0.06735627	0.10329546	0.26621699	0.33824893	0.48131529	0.43889049	0.54806076
0.00032287	0.00040359	0.00040359	0.00036323	0.00052344	0.00837289	0.00810381	0.00838022
49.4615704	50.2555998	51.989412	50.6416535	54.0879914	58.7935652	65.6813848	64.4377725
1.27120194	1.61947692	1.39279734	1.1411136	1.3211712	1.40901606	1.29649631	1.31265557
3.81125262	3.32415257	3.25120377	3.01279825	2.39302957	2.7149222	2.83594287	3.12912542
129.827203	140.161787	150.912928	147.715561	176.12763	181.830589	205.154235	269.586917
0.47478307	0.49004939	0.66068964	0.59564569	0.5944808	0.78107259	1.02979703	1.25790545
0.03208522	0.03850226	0.04171078	0.0449193	0.0449193	0.05133635	0.05775338	0.06417074
0.02800317	0.02800317	0.02489189	0.02800317	0.03111478	0.12085678	0.11443973	0.11774518

0.04274347	0.04284447	0.05903859	0.05673881	0.05934134	0.06535493	0.07652279	0.07745932
0.00163408	0.00335353	0.00502004	0.00593526	0.00604658	0.00691463	0.01077926	0.00785677
3.5563489	3.16502803	3.75144295	3.79434256	3.29437288	3.77229205	3.91633829	4.23583821
9.6861E-05	0.00012108	0.00012108	0.00010897	0.00015703	0.00251187	0.00243114	0.00251407
0.00067803	0.00084754	0.00084754	0.00076278	0.00109923	0.01758307	0.017018	0.01759846
0.08595071	0.13903993	0.19018276	0.19095904	0.21633582	0.1815273	0.40758593	0.42858993
4.37358447	4.66930907	4.91935907	5.27699729	5.87731277	6.47214993	6.72908989	7.35139485
0.0191113	0.02666368	0.02707352	0.02509566	0.03463907	0.03119168	0.03644758	0.03705067
0.64087199	0.74613585	0.79257601	0.69350392	0.65635193	0.73375197	0.78328785	0.84520794
33.9352851	37.0339526	38.722205	39.7436129	42.3607951	44.8885981	47.3121843	52.625385
337.991241	352.798245	368.825118	376.011704	350.194678	386.872901	378.646353	391.053701
0.00322871	0.00403589	0.00403589	0.0036323	0.00523445	0.08372893	0.08103809	0.08380217
0.0050968	0.00666592	0.00637024	0.00557681	0.00729244	0.00623834	0.0069424	0.00673649
14.943529	16.6148865	15.5518151	14.848646	15.6614457	17.8287301	19.6107127	19.0409428
1.21337445	1.97325473	1.94982434	2.34680905	2.58929241	2.37198616	2.72912682	2.53893852
1.64611679	1.55049185	1.22224794	1.46550862	2.11227096	2.53135686	2.81981153	3.29971832
0.57843233	0.63511838	0.77629949	0.85859967	0.96958823	1.23535773	1.55400022	1.71941539
2.4899705	2.36397566	2.39547413	2.55296776	3.182942	3.86593732	5.07086091	5.75983313
0.18356079	0.1928953	0.18163045	0.16721863	0.16630191	0.15234911	0.11245511	0.10531545
0.00049458	0.00059273	0.00059273	0.00056001	0.00075692	0.00904199	0.00882233	0.00997203
23.3716099	25.9311664	29.5898024	36.6994138	42.6796259	52.5391661	44.3443013	42.3949839
12.1305818	13.5700983	16.4751724	19.1047703	21.3588519	22.5836497	23.6761955	24.8639669
0.11688196	0.11688196	0.08663021	0.07906727	0.07356695	0.06875417	0.06187877	0.05637819
8.16130848	8.37565115	9.57484853	9.60605601	10.1669384	15.5299852	14.6534118	18.6904292
0.05800988	0.11905021	0.17821158	0.21070165	0.2146535	0.2454692	0.3826639	0.27891545
0.00203872	0.00266637	0.0025481	0.00223072	0.00291697	0.00249533	0.00277696	0.00269459
86.0834274	86.6914891	103.329423	100.361373	90.0655338	116.67954	105.433919	107.92945
0.08021335	0.08983891	0.11229856	0.06417074	0.07700482	0.11229856	0.04812782	0.04812782
237.52262	227.908928	245.739316	226.832525	221.657515	226.96987	231.18229	234.565526
7.10980874	7.81760003	9.16933867	10.4388662	11.5082321	12.2029862	12.7663286	13.4286615
0.03529373	0.03850226	0.03850226	0.02566817	0.03208522	0.03850226	0.04171078	0.04171078
0.03423824	0.03429858	0.03417758	0.0341166	0.03721265	0.0403087	0.03721265	0.03721265
0.00180808	0.0022601	0.0022601	0.00203409	0.00293129	0.0468882	0.04538133	0.04692922
0.08919401	0.11665359	0.11147921	0.09759422	0.12761762	0.10917088	0.12149194	0.11788851
0.00035516	0.00044395	0.00044395	0.00039955	0.00057579	0.00921018	0.00891419	0.00921824
0.00019372	0.00024215	0.00024215	0.00021794	0.00031407	0.00502374	0.00486229	0.00502813
0.00962557	0.00962557	0.00641705	0.00962557	0.00641705	0.00962557	0.00962557	0.01604261
8.03377849	9.60593329	11.540987	11.4654645	13.1533702	15.4424132	16.3020531	16.593903
0.0076452	0.00999888	0.00955536	0.00836522	0.01093865	0.0093575	0.01041359	0.01010473
0.38746746	0.53428964	0.58008799	0.44882351	0.70677936	0.89841777	1.10795443	1.14771966
0.06371001	0.08332399	0.07962801	0.06971015	0.09115544	0.0779792	0.08677996	0.08420608
0.52349593	0.48877785	0.48231263	0.40292868	0.47912555	0.48867548	0.51722383	0.48544287
4.42151007	4.82600258	5.30837897	5.07492085	5.53551695	6.18260793	6.98848101	7.66678369
0.13475822	0.102673	0.10909004	0.10520215	0.123677	0.15848553	0.21915637	0.10199363
1.20377696	1.48882491	2.31254292	1.76431736	1.71060042	2.31779465	2.73974202	3.34326371
0.05765648	0.01604261	0.00962557	0.01283408	0.01283408	0.01604261	0.03850226	0.03840535
20.7761215	22.3968911	23.9091896	24.577473	27.5398714	29.1755654	31.0414961	34.1096397
3.64671049	3.94569775	4.18693132	3.87073686	4.20395053	4.93368709	5.81110638	6.2736378
32.8632018	37.0424838	38.5275362	45.907259	51.296487	58.3804129	56.8405366	50.6664328
6.91327846	6.84941978	6.2849826	7.16876955	6.67133662	7.17457284	7.38976368	7.765197

9.42941059	5.15312203	7.26068141	8.13689611	9.7241198	10.6609273	11.9826322	12.0494478
3.6283263	4.49974345	4.12779972	3.87093552	4.36480501	5.45543396	5.37306071	6.47086037
0.03156649	0.0347232	0.05997658	0.05681987	0.05997658	0.04419334	0.04419334	0.03787991
5.98959521	6.48262623	6.90039906	7.1223118	7.43204228	7.5431435	8.30059187	8.86331037
57.9611688	62.4869505	71.9999218	74.7701195	71.0052355	82.9469904	78.8508673	85.0028031
1.54191192	1.67074999	1.78635401	1.61512546	1.43660698	1.27939465	1.29981037	1.21697095
0.2195502	0.26981951	0.30423972	0.32602034	0.3695809	0.55227311	0.62062281	0.69588029
243.672349	254.526093	304.744079	298.399659	290.094593	296.890189	326.524325	325.787513
69.6109171	74.0235395	80.1653837	84.1213286	89.2858953	91.2385141	90.1980949	95.6939549
0.25630575	0.29685195	0.34362135	0.28751744	0.28751744	0.52729568	0.38718192	0.33418962
1.88254918	1.97158719	2.06670426	2.15515374	2.24655176	2.34819735	2.36553308	2.5110478
0.01552377	0.03185851	0.04769042	0.05638495	0.05744249	0.06568894	0.10240302	0.07463935
0.00163408	0.00335353	0.00502004	0.00593526	0.00604658	0.00691463	0.01077926	0.00785677
0.0101936	0.01333184	0.01274048	0.01115362	0.01458487	0.01247667	0.01388479	0.01347297
7.89026563	9.21236446	11.409143	12.1675477	17.5860658	18.3737866	20.8226471	22.8066449
3.29947636	3.83692584	3.98052504	4.11408652	4.47334756	4.99900496	5.77426383	6.72586809
0.02451122	0.05030291	0.07530067	0.08902886	0.09069866	0.10371938	0.16168897	0.1178516
0.52272876	0.72186324	1.28504128	1.12946736	1.02678851	1.17302793	1.31926767	1.46550709
0.00419732	0.00524665	0.00524665	0.00472199	0.00680478	0.10884761	0.10534952	0.10894283
0.54762033	1.18095689	1.54663788	1.94226356	2.56404478	3.21258555	3.77332517	4.048003
0.0203872	0.02666368	0.02548096	0.02230725	0.02916974	0.02495334	0.02776959	0.02694594
0.06252075	0.12815298	0.30006078	0.07185519	0.04375482	0.06252075	0.0474486	0.02839152
0.00032287	0.00040359	0.00040359	0.00036323	0.00052344	0.00837289	0.00810381	0.00838022
4.61935556	5.00456482	5.69579529	6.40471274	6.9674336	7.4489339	7.82230525	8.23756185
3.47347153	3.34803298	3.5351708	2.8861403	2.12490259	1.83972616	1.77499894	1.94261513
4.17627011	4.50759314	5.07855024	5.62620728	6.09248734	6.44860877	6.68803344	7.05298817
0.0261453	0.05365643	0.08032071	0.09496412	0.09674524	0.11063401	0.17246824	0.12570837
0.83248436	1.17212747	1.89413503	2.01153467	2.6696379	3.04195564	3.06081848	3.39490104
6.37503204	6.80864575	7.4797711	8.08945383	8.65225735	9.07815051	9.28040671	9.81090604
0.2021122	0.22136041	0.17965471	0.1700306	0.24702569	0.19890367	0.19890367	0.28231507
0.00081704	0.00167676	0.00251002	0.00296763	0.00302329	0.00345731	0.00538963	0.00392839
12.9549475	14.8636573	16.6599777	19.3014711	23.646865	25.0766084	26.29662	31.8954248
1.45846947	1.56916653	1.71014385	1.69096206	1.88638079	2.24827617	2.311856	2.5619226
0.00096861	0.00121077						

1.20915221	1.68099329	2.76184883	2.97087336	2.02682049	3.44184825	3.93981296	3.50161446
0.01283412	0.02566824	0.04491942	0.08663031	0.14438385	0.25026534	0.38181507	0.52056465
2.58324874	2.54515035	2.61101214	3.2830186	3.76828014	3.16106148	3.75735964	3.27551113
0.94490766	1.02006843	1.13946927	1.14219255	1.18711197	1.22989629	1.13091123	0.82764192
1.41434199	1.56782445	1.69675188	1.7099946	1.70136672	1.89268458	2.21640552	2.31442872
4.82509067	4.93567769	6.52695432	6.35391254	7.09425781	7.26118653	9.77085149	9.34852682
0.4278022	0.4278022	0.4278022	0.4278022	0.4278022	0.4278022	0.4278022	0.4278022
0.09804487	0.20121163	0.30120267	0.35611546	0.36279464	0.41487752	0.64675589	0.4714064
141.423287	151.342683	159.817533	169.051732	174.919221	188.741573	198.030105	217.697029
25.7256641	32.7313943	37.2034563	35.6793889	33.4470785	36.9208832	41.3594172	42.150623
7.77249019	8.67734759	9.59580035	10.5060933	11.4231009	11.9504053	13.0195813	13.2937227
2.22861139	1.93847588	2.36715245	2.55328295	3.41265051	4.25999247	2.85328752	2.82726567
0.05400084	0.05400178	0.05717919	0.06035754	0.05400158	0.05717636	0.23504326	0.38116227
0.01225561	0.02515145	0.03765033	0.04451443	0.04534933	0.05185969	0.08084449	0.0589258
1.174963	1.27683619	1.74878774	1.48031678	2.43706402	0.853478	1.39420458	1.39077995
0.00138835	0.00173543	0.00173543	0.00156189	0.00225081	0.03600344	0.03484638	0.03603493
41.7689285	44.5991413	48.728483	51.0554355	45.8859908	53.1820557	53.9528917	54.02401
543.691807	575.620124	619.735155	661.187786	699.744812	734.636785	748.361037	792.300221
1.68365342	2.00450642	2.47735218	3.27948468	3.60033768	5.24520067	7.93378527	11.2340043
11.2117312	12.0929793	13.4862828	13.3917555	14.6808622	17.668189	18.5256668	20.7792757
0.2440541	0.19397927	0.17832483	0.17832483	0.18454779	0.18143631	0.26272298	0.30968632
0.33292836	0.35159724	0.39204648	0.40138092	0.58806972	0.46361052	0.5133942	0.5600664
2.23357341	2.70524577	3.2401233	3.2550123	3.41642106	3.71850975	4.04026479	4.62985391
0.00051925	0.00051513	0.0005503	0.00056758	0.00057043	0.0006358	0.00133183	0.00117558
0.00571928	0.01173734	0.01757016	0.0207734	0.02116302	0.02420119	0.03772743	0.02749871
0.00161435	0.00201794	0.00201794	0.00181615	0.00261722	0.04186446	0.04051905	0.04190109
0.17735421	0.32991408	0.35208234	0.35830555	0.51717905	0.38951725	0.32728768	0.14011377
0.00255068	0.00318835	0.00318835	0.00286952	0.00413521	0.06614585	0.06402009	0.06620372
0.025484	0.0333296	0.0318512	0.02788406	0.03646218	0.03119168	0.03471198	0.03368243
6.4574E-05	8.0718E-05	8.0718E-05	7.2646E-05	0.00010469	0.00167458	0.00162076	0.00167604
0.35677606	0.46661437	0.44591685	0.39037687	0.51047048	0.43668352	0.48596776	0.47155402
6.17379355	6.16972645	6.34393288	6.50266795	6.72968044	6.90126571	7.01418277	12.5779182
0.17599875	0.18933679	0.20629136	0.2039928	0.22759004	0.27117851	0.27877012	0.30887294
9.237853	9.6160363	7.91319902	9.44128764	5.56138146	8.19024232	8.40434482	8.89909966
0.00048431	0.00060538	0.00060538	0.00054484	0.00078517	0.01255934	0.01215571	0.01257033
0.97670769	1.13432562	1.10953083	1.01501595	0.90115284	0.82814841	0.39154683	0.69287394
0.00226654	0.00296433	0.00283284	0.00248	0.00324294	0.00277418	0.00308728	0.00299571
0.00064574	0.00080718	0.00080718	0.00072646	0.00104689	0.01674579	0.01620762	0.01676043
0.08021325	0.09946443	0.06737913	0.0641706	0.04812795	0.04812795	0.0641706	0.07379619
2.79674364	3.60178544	4.24915208	4.20714648	4.25913549	5.18632639	6.68309847	8.81077132
0.49607292	0.50919072	0.51153301	0.53730018	0.54654308	0.60129398	0.63448709	0.6726938
3.25676407	3.34288367	3.35826102	3.52742484	3.58810529	3.94755001	4.16546579	4.41629631
0.00163408	0.00335353	0.00502004	0.00593526	0.00604658	0.00691463	0.01077926	0.00785677
0.83778732	0.89831835	0.88690761	0.85616568	0.94149999	1.11516669	1.24954596	1.31393313
0.85380717	0.97822017	0.98155035	1.09231191	1.11400461	1.23980589	1.54184466	1.78125159
9.06170099	9.07179396	9.76347155	10.5298102	11.3169199	12.8045077	14.1220835	13.7629255
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0.21176298	0.28235064	0.25026534	0.23101416	0.25347387	0.22780563	0.23743122	0.20534592

163.202258	173.588202	188.755395	201.957256	214.858834	224.384467	227.700401	241.000499
0.84849983	1.24856128	0.9176469	0.92390099	1.22958809	1.17281041	1.10662694	1.17917982
1125.49489	1248.08202	1322.30704	1304.88657	1303.55768	1408.74945	1511.09563	1487.40045
18.0752222	19.0779578	20.4316629	21.917094	23.1321041	24.5708117	25.328741	26.7985614
0.0076452	0.00999888	0.00955536	0.00836522	0.01093865	0.0093575	0.01041359	0.01010473
6.41563483	6.613621	8.07022394	8.21029294	8.67486241	8.87581004	8.27178731	11.5440445
0.0050968	0.00666592	0.00637024	0.00557681	0.00729244	0.00623834	0.0069424	0.00673649
1.9405924	2.04661091	2.22177169	1.89910685	2.21946655	2.76338503	3.30730448	3.22202923
0.00653632	0.01341411	0.02008018	0.02374103	0.02418631	0.0276585	0.04311706	0.03142709
0.00571928	0.01173734	0.01757016	0.0207734	0.02116302	0.02420119	0.03772743	0.02749871
0.19047963	0.1874652	0.18445077	0.20331375	0.18493602	0.22625871	0.23880168	0.28955586
65.2549192	69.0134065	77.1159883	85.2812879	96.17339	104.52361	105.245584	82.0933408
0.35631905	0.34463311	0.3402764	0.34463311	0.35631905	0.30521859	0.26782321	0.23510296
1.00875953	0.98066712	0.99343622	1.87195142	0.71507005	1.07771253	0.57716406	0.85042278
0.00051879	0.00052731	0.00054645	0.0005564	0.0005823	0.00060154	0.00061712	0.00062877
0.1611711	0.16333189	0.18547881	0.2018113	0.199605	0.25923728	0.25580138	0.23719471
0.27525454	0.31967029	0.38816388	0.42587472	0.45144644	0.15932806	0.15887416	0.20557367
9.6874E-06	9.7626E-06	9.8448E-06	9.905E-06	9.9546E-06	1.0001E-05	1.0042E-05	1.0075E-05
0.4773425	0.49125636	0.60847787	0.62872161	0.56574708	0.5963353	0.61035879	0.68505103
0.00140552	0.00141914	0.00143084	0.00144155	0.00145199	0.00146227	0.00147232	0.00148242
0.64671251	0.70964675	0.73816243	0.74476649	0.74272788	0.78076928	0.82188741	0.87408476
4.26247279	4.29126278	4.12231088	4.02648	3.97208499	4.29089284	4.42000323	4.62486824
0.51957368	0.53538657	0.55176885	0.56858584	0.59014099	0.60016806	0.60826263	0.60759234
0.00064798	0.00065322	0.00068521	0.00068719	0.00073123	0.00075952	0.00078113	0.00079546
8.36946243	8.31907913	8.79896135	8.91474536	8.65194731	8.89956934	8.80195727	8.8068724
5.01098441	5.48383002	5.49353865	5.73290965	5.12429773	5.88470827	5.9465174	5.87622253
0.68212729	0.71166585	0.74755857	0.77229714	0.78910084	0.81693721	0.83621593	0.84482228
0.00900596	0.00912004	0.00920749	0.00931218	0.00937381	0.00937599	0.00959416	0.00969448
10.2992466	10.9615297	11.1306901	11.3812236	10.2850064	9.44793744	9.32430877	9.11407856
0.05682597	0.0615573	0.06668086	0.06736535	0.08564888	0.0853309	0.09207063	0.07158865
0.01498629	0.01542281	0.01557408	0.01595307	0.01614578	0.01585447	0.01616053	0.01612089
0.26262374	0.3868064	0.48035742	0.28891923	0.53047339	0.60333155	0.56527778	0.5912739
5.61182021	6.16592175	5.58909849	5.97279092	6.21290379	7.57022543	8.02156325	7.75227624
0.05862084	0.24294159	0.21291847	0.23732875	0.23424979	0.24611512	0.24739107	0.25371339
0.44714822	0.4859943	0.46780514	0.388563	0.18836144	0.13507106	0.15695813	0.17803255
0.48628037	0.53728329	0.6104567	0.62693944	0.62067066	0.63259125	0.63501937	0.63836521
2.68071543	2.80565359	2.88892712	2.99893369	3.20589335	3.42216215	3.54321819	3.63276765
0.00121226	0.0012267	0.00125806	0.00126959	0.00130364	0.0013274	0.00134573	0.00135811
0.00076338	0.00078387	0.0008435	0.00086331	0.00093494	0.0009797	0.00101086	0.00102855
0.08010503	0.14473386	0.10258932	0.11895844	0.13054652	0.12753874	0.14904043	0.14271783
13.7055981	15.2672278	16.9869205	17.5794537	19.3481184	20.276822	21.5435009	22.6464148
0.00270428	0.00274199	0.0028513	0.00288961	0.00301732	0.00309742	0.00315221	0.0031835
0.02386223	0.02648454	0.02755195	0.02778246	0.02786267	0.02908386	0.0305494	0.03221144
0.03465377	0.03779726	0.0394097	0.03963966	0.03967406	0.04153287	0.04374158	0.04630168
0.00467173	0.00476314	0.00491398	0.00498701	0.00509768	0.00523187	0.00532459	0.00536171
0.0051153	0.00529759	0.00536452	0.00550597	0.00545094	0.00540747	0.00546215	0.00541807
17.7823787	19.0615633	19.8848599	19.250043	18.3005776	19.2837633	21.3843801	22.8012185
4.44206284	4.65191065	4.65588883	4.32992758	3.59203405	3.47668279	3.54939665	3.60011202
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84.3620321	92.0425331	97.4593624	96.7884267	96.911883	102.142155	109.519728	119.261902



0.26114967	0.30715562	0.33448974	0.31669135	0.3568637	0.39719272	0.42907519	0.46907561
0.16034921	0.16438708	0.17915824	0.15623128	0.19609513	0.21528125	0.24535243	0.27718994
0.36605357	0.38493912	0.42368058	0.511173	0.53114454	0.39115704	0.38554335	0.35336268
0.05678287	0.04729849	0.04035694	0.02338107	0.03338533	0.03313532	0.02916325	0.03852172
9.9104E-05	0.00010701	0.00011273	0.0001122	0.00012167	8.6198E-05	8.1176E-05	0.00012297
2.49113001	2.58411291	2.7168901	2.78859771	2.67120261	3.04245037	2.91049569	3.37395653
0.000722	0.00075427	0.00077367	0.00079823	0.00079504	0.00075825	0.00079387	0.00077065
0.00187431	0.00202277	0.00207187	0.00213814	0.00199284	0.0015895	0.00167724	0.00134089
0.1198655	0.14375023	0.1491597	0.16810562	0.17808951	0.185205	0.20644802	0.24582102
0.73293639	0.94724597	1.12355607	1.21921156	1.29200181	1.64368916	1.72773974	1.62181798
9.8585E-05	0.00010669	0.00012479	0.00013556	0.00016018	0.00018007	0.00019779	0.0002125
0.39769677	0.45340809	0.45400384	0.37573893	0.46508922	0.6638174	0.66463995	0.65949535
6.7940311	7.01917294	7.21903855	7.54402065	7.75574865	8.04211771	8.32920725	8.49968177
63.8788525	68.5819074	70.4755087	64.7142037	59.1173913	65.973439	62.3116537	64.2608316
0.00637745	0.00709016	0.00734454	0.00769297	0.00703015	0.00514594	0.00559254	0.00402061
0.00028487	0.00028685	0.00029033	0.00029176	0.00029641	0.00030035	0.00030407	0.00030712
2.1837755	2.26232452	2.25940289	2.03601074	1.8628495	1.87659391	1.80787344	1.99267479
0.31765555	0.35974418	0.31275204	0.34167301	0.29610407	0.34310822	0.44046853	0.43074986
0.75312276	0.77404868	0.8290859	0.87407222	0.81141651	0.9186973	1.10044429	1.66652414
0.25986697	0.25662332	0.25529097	0.28258967	0.31046208	0.31126218	0.31637049	0.41229173
2.47813581	2.52269142	2.1857295	2.15124805	2.42550247	2.55985174	2.54041236	2.44279778
0.0212483	0.02074199	0.01985199	0.01853598	0.01854274	0.01994265	0.02060996	0.02136773
0.00077001	0.00084573	0.00085825	0.00087126	0.0007992	0.00062637	0.00068599	0.00059207
16.0620116	22.9465211	20.0019016	20.4486899	20.516352	21.8819516	22.6132905	24.0569752
0.55162574	0.57660032	0.59804508	0.62412018	0.66222948	0.69270994	0.7177462	0.72650897
0.16756694	0.16620257	0.17920312	0.16441981	0.15158096	0.13110915	0.17913563	0.13445321
2.46524773	2.7326257	3.05825181	3.23241238	2.75261026	2.56312599	2.46161168	2.44750592
0.04516191	0.05141375	0.05315634	0.04973981	0.04421795	0.04033752	0.0440089	0.04934605
2.771E-05	2.7788E-05	2.8666E-05	2.8767E-05	2.9935E-05	3.0557E-05	3.092E-05	3.102E-05
39.5914435	41.7136663	42.6048135	41.4434597	37.006849	40.8652805	39.1224524	38.6518006
8.9826E-05	9.0779E-05	9.1425E-05	9.2249E-05	9.2842E-05	9.3376E-05	9.3835E-05	9.256E-05
0.02513316	0.02944428	0.03405787	0.03963246	0.05006231	0.05882753	0.08485878	0.06851356
22.6069881	23.4847475	24.4208158	22.61997	22.0152917	23.5315393	22.4441001	23.2154758
3.31841073	3.49377142	3.08667351	2.58719187	2.72946432	2.40846121	1.8686744	1.65805932
0.46917887	0.48883749	0.47104732	0.53737129	0.58827443	0.61110059	0.547819	0.44364652
0.00067876	6.157E-05	0.00067911	0.00067917	0.00067923	6.1889E-05	6.1967E-05	6.2017E-05
0.06716866	0.07218221	0.07444632	0.07480935	0.07399741	0.07548423	0.07872541	0.08175353
0.06112622	0.06667019	0.06907973	0.06939855	0.06869254	0.07142015	0.0749734	0.07840871
0.00167547	0.00178461	0.0018445	0.00191394	0.00187141	0.00169531	0.00177488	0.00162929
0.00188869	0.00196163	0.00200654	0.00205574	0.00204381	0.00195428	0.00200428	0.00193172
0.00065866	0.00063552	0.00060668	0.00057809	0.00055445	0.00053633	0.0005234	0.00051822
4.17546763	7.13171329	4.90475294	5.15545488	5.49845873	5.7585097	6.55221207	6.9597629
0.00031947	0.0003192	0.00032192	0.00032122	0.000324	0.00032424	0.00032312	0.00032155
0.00047053	0.00047816	0.00048385	0.00048796	0.00049079	0.00049224	0.00049248	0.00049232
0.15925732	0.1726203	0.20439339	0.22689176	0.22622828	0.28270823	0.30732003	0.31361817
0.00019056	0.00020435	0.00024459	0.00025691	0.00030442	0.00033633	0.00036123	0.00037731
0.00163771	0.00165395	0.0016695	0.001679	0.00169674	0.00171294	0.00172307	0.00174121
0.29577355	0.24761602	0.26258458	0.33060205	0.313248	0.40929872	0.53529778	0.62490084
0.08612432	0.10213466	0.12172576	0.11123721	0.13782851	0.11952424	0.09553965	0.10577283
6.93865236	7.24778123	7.10736492	6.52551677	6.8496399	5.76790298	5.06934717	4.8176996
0.15971746	0.16659995	0.18449651	0.19024743	0.19291975	0.24145998	0.25166224	0.24117539

3.91668348	4.1592547	4.51434933	4.43168748	4.90018583	5.96323081	6.22717959	6.37543865
0.89477224	0.97403602	1.14701228	1.39484069	1.58702101	1.85096082	2.74507432	4.87681243
16.7247437	17.742066	16.9229578	16.0699583	17.6036521	19.4476205	19.5878801	20.1253499
1.08219076	1.05835456	1.14544538	1.2062022	1.15024432	0.9821656	0.98319311	1.11268959
2.54420213	2.8700669	3.00140014	3.74262534	4.16499538	4.67333691	4.96568052	4.73038257
1.01917995	1.06268693	1.03150774	1.04264276	1.3214403	1.79397545	1.99742549	2.80676967
0.62191595	0.74129906	0.90976694	0.85555509	0.74691992	0.79267584	0.81874448	0.77021439
1.00290989	1.09430197	0.97822417	1.28247473	1.51345838	1.47517817	1.35764785	1.39831819
32.9961139	33.0767072	33.1584824	32.1078949	30.1271877	32.7124081	31.9270177	32.1666283
0.36733059	0.37824555	0.37513056	0.78151969	0.35268541	0.28198656	0.27708507	0.26956918
0.21785024	0.3385915	0.31703881	0.30337955	0.29172082	0.29684473	0.27592576	0.28476945
77.4730901	83.9401032	91.4950149	85.4042651	75.1254651	80.5097071	82.0224476	88.9348472
13.08083	14.1610459	15.7946209	15.384666	13.7485935	14.284407	14.5375209	13.8366573
0.49705861	0.50905184	0.49568322	0.5512714	0.55273563	0.5938144	0.72079971	0.72139667
0.5274497	0.54441933	0.56562499	0.58821699	0.61905736	0.62765158	0.63726958	0.63413723
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0.00016452	0.00016543	0.00017112	0.00017261	0.00017945	0.00018317	0.00018486	0.00018514
6.35530492	6.21811238	7.09295212	7.43506355	8.33480039	9.55273408	10.9753726	12.1919533
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0.00713394	0.00739936	0.00764742	0.00779288	0.00805957	0.00764259	0.00766727	0.00836124
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0.27190781	0.2646804	0.28019426	0.48342005	0.54148045	0.79338876	0.78204503	1.11126828
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0.21890285	0.21796024	0.23778529	0.26403171	0.22458688	0.19697963	0.20983627	0.3160867
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1.3422255	1.40954086	1.47054123	1.53789822	1.64991489	1.73081581	1.79400846	1.82009417
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0.7720809	0.79463097	0.82694026	0.84546685	0.87613005	0.9092677	0.93827421	0.95239199
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0.62227613	0.63875537	0.6611724	0.68019062	0.70561188	0.72149046	0.74024481	0.73841351
0.05809106	0.05201875	0.05581288	0.04988298	0.04741797	0.05222067	0.04375336	0.05122292
0.00029924	0.00031152	0.00032333	0.0003323	0.00034637	0.00033793	0.0003448	0.00037537
13.6128043	14.8311088	15.4828304	15.8056909	16.0317877	16.8715638	17.4218397	19.8422296
4.88072834	4.9861854	5.98657855	6.04820518	3.81942503	4.11880642	4.16960154	3.55427964
0.03314305	0.03677538	0.04017753	0.03716492	0.04080114	0.03526432	0.03412812	0.03348305
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0.23384112	0.25619802	0.32717098	0.25210475	0.14925764	0.1360432	0.18545324	0.18650287
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7.11146317	7.73016855	8.03294344	8.20386711	7.76368118	10.0846967	9.83343428	9.79363518
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1.92638286	2.01408997	2.21009292	2.3695961	2.46598984	2.42404531	2.33629871	2.40485585
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1.027924	1.01507179	1.15100188	1.21998657	1.22810867	1.29412125	1.26426282	1.28660344
2.42378429	2.47736166	3.14956248	2.81486546	3.1610437	3.20664031	3.2120841	3.15404186
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0.00950017	0.01013201	0.0106452	0.01079766	0.01156762	0.00965693	0.00958484	0.01232195
18.0196129	20.2850014	22.9186719	23.7293434	24.6417315	25.8117394	26.6860209	26.7420064
0.86410584	0.90482434	0.92680135	0.9317678	0.78533668	0.74930147	0.65662765	0.66869248
4.58805168	5.00190913	5.17590075	5.06533967	5.86850871	5.72357764	5.83448275	5.78055336
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0.23432164	0.27163106	0.32495512	0.44357412	0.42634275	0.48179318	0.53929901	0.69105602
0.06756903	0.07335442	0.07595178	0.07613748	0.07525538	0.0773166	0.07845229	0.06509829
12.3872734	13.3689296	13.9595215	15.2105736	15.8203518	17.7840207	18.3806773	19.9937964
95.7385882	100.050186	104.416557	104.44041	106.769328	111.635683	113.096633	113.004174
0.0087932	0.00905925	0.00933532	0.00962604	0.00995858	0.01028325	0.0106302	0.01097682
1.20863479	1.38116124	1.39082674	1.49687623	1.57959103	1.58734198	1.72828778	2.02019748
1.69195232	1.82765306	2.00171447	2.13551178	2.61950983	2.32509742	2.35912986	2.5713801
0.12652319	0.13226068	0.13870444	0.14258877	0.14717768	0.10400032	0.11566455	0.1341572
0.12993216	0.17724411	0.15766047	0.17563857	0.18623861	0.20496548	0.17734653	0.18978737
0.48876268	0.61875914	0.62247219	0.66953857	0.74175542	0.86817791	0.90727872	0.95167362
7.4394E-06	7.5385E-06	7.6273E-06	7.7113E-06	7.7747E-06	7.8332E-06	7.8737E-06	7.9053E-06
0.00061464	0.0006583	0.00069551	0.00071488	0.00076589	0.00066007	0.00066256	0.00082925
0.00913348	0.00960034	0.00984335	0.0101337	0.00992166	0.00909719	0.00944385	0.00878158
0.10155301	0.11732512	0.12759305	0.1546629	0.17509246	0.16543041	0.1709018	0.25827573
0.01413825	0.01473664	0.0150543	0.01557838	0.01574278	0.01523902	0.01689915	0.01692453
2.2259E-05	2.5905E-05	3.9923E-05	4.3509E-05	6.0878E-05	7.1267E-05	7.8173E-05	8.1587E-05
0.00029133	0.00030842	0.00031642	0.00032583	0.00031614	0.0002826	0.00029618	0.00026953
0.11896737	0.10203138	0.12550504	0.12004542	0.07747671	0.10393284	0.10797061	0.12691971
5.15199245	5.38263266	5.319644	5.24268736	5.38421055	5.73942103	5.89211723	5.60132985
1.64227373	1.76945313	1.95498185	2.01711774	1.72206834	1.80463521	1.83573865	1.79121138
5.2187857	5.2533083	5.68532743	5.4785612	4.57061027	4.39392246	4.00233953	3.81427697
0.00113609	0.00119034	0.00121702	0.00127196	0.00132168	0.00135797	0.00136225	0.0014535
0.0010966	0.00120451	0.0012439	0.00129614	0.00119565	0.00091001	0.00097374	0.00073321
0.48468931	0.56059289	0.47011338	0.5379509	0.58110269	0.63697352	0.78119405	0.82236523
9.5667E-06	1.0123E-05	1.1658E-05	1.2293E-05	1.4128E-05	1.5306E-05	1.6159E-05	1.6711E-05
0.01284364	0.01327784	0.01352343	0.01399335	0.01409247	0.0147498	0.01852385	0.01846303
0.02880445	0.05857348	0.06223831	0.06683874	0.07697575	0.08043186	0.11828816	0.15895548
1.7022076	2.02758276	2.19420007	2.29705564	2.32033493	2.57312869	2.89034723	2.8982541
0.60805923	0.63736926	0.67571353	0.70891204	0.75482327	0.78377289	0.80610806	0.81415408
0.63920601	0.66015432	0.69516891	0.71684583	0.74926802	0.76520691	0.77606129	0.7757334
0.0013918	0.00143342	0.00146829	0.00149044	0.00149042	0.00146274	0.0014162	0.0013619
0.00027322	0.0002817	0.00028733	0.00028694	0.00029837	0.00026532	0.00026372	0.0003094
0.44636247	0.53629378	0.39048821	0.37747829	0.32536435	0.6648856	0.67804279	1.31191577

0.44771406	0.48006833	0.43474391	0.39221448	0.42929977	0.50873664	0.56954008	0.77919007
5.86792992	6.23666732	6.98980739	6.96452803	7.70194487	8.31998149	9.02149749	10.1705992
5.72775106	6.15363514	6.38959614	6.25129224	6.20043265	6.60643857	6.88891594	7.6606333
0.12564779	0.15490986	0.19270809	0.18363707	0.17021207	0.15637373	0.15836501	0.15203735
0.14306753	0.12715488	0.12276748	0.12712236	0.09911533	0.08489417	0.0798422	0.05165434
48.3466903	50.7266761	52.3839329	51.2989254	51.9276382	53.2425164	52.9468875	52.4011142
0.28892496	0.28444012	0.30572841	0.31216614	0.35030285	0.3862082	0.38508966	0.38967344
127.169141	135.459504	140.411704	131.639475	114.321749	136.734219	143.902837	143.856359
4.75637287	4.99604088	5.20470544	5.44729327	5.85284679	6.16483424	6.39322836	6.50513348
0.00032815	0.0003328	0.00034076	0.00034553	0.00035422	0.000361	0.00036659	0.0003711
2.10199438	2.42128868	2.72869282	2.87116112	2.71873682	3.37074913	3.56119538	3.37510404
7.4246E-05	7.6064E-05	7.9831E-05	8.136E-05	8.55E-05	8.8056E-05	8.9793E-05	9.0966E-05
0.76785482	0.66524952	0.83134725	0.83048507	0.78070454	0.9107677	1.0176216	1.05990232
0.00048655	0.00052619	0.00055844	0.00056646	0.00061621	0.00048599	0.00047113	0.00065153
0.00057624	0.00060738	0.00063374	0.00063566	0.00067398	0.00055664	0.00054558	0.00069779
0.43814951	0.47039899	0.48036708	0.48726423	0.47980266	0.55236283	0.58174178	0.609495
16.5404796	17.1970414	18.1988202	17.568582	15.2641761	15.2673629	14.2190557	13.786644
0.45397134	0.4490617	0.39987672	0.42589717	0.40104491	0.41026206	0.46813952	0.45443998
1.64613107	1.67255567	1.90511411	1.97021923	1.41354414	1.40504367	1.35596117	1.12777359
0.00205727	0.00187197	0.00230435	0.00296092	0.00425611	0.00495096	0.00549607	0.00615449
0.24284419	0.26472148	0.25243843	0.2451942	0.28436871	0.25748836	0.28544371	0.30300427
1.02618609	1.71547648	1.44751811	1.30189974	1.0984359	1.10702266	0.64881389	1.33304983
0.00161839	0.00169454	0.00155597	0.00177705	0.00196405	0.00174495	0.00193384	0.00218494
169.900399	179.759531	187.494406	180.478129	174.582471	174.907983	190.798505	197.866282
0.72604518	0.77949378	0.7870963	0.8273808	0.85841032	1.00092988	1.0351158	1.12135336
1.50425703	1.49131898	1.36835605	1.25243307	1.16766079	1.35644492	1.38552926	1.67550766
0.40569306	0.54189372	0.77051841	1.01062665	1.65045057	2.17756038	2.28962703	2.55507978
23.6034348	24.9782304	25.5280397	25.9163414	24.4291723	24.6264064	26.0888182	26.611119
0.96268948	1.05740102	1.14858394	1.25718543	1.38410371	1.49589701	1.52356468	1.56181816
0.00738507	0.00595628	0.00658386	0.00767647	0.01009924	0.01083022	0.01115145	0.01164362
33.3738624	34.3398092	38.0723153	39.1623008	40.7179321	42.0194483	44.7446087	47.2108402
9.54488968	10.428479	11.1488584	10.2942308	10.3879634	10.5704133	11.0222879	11.7574394
2.52323546	2.72776484	2.90640547	3.12694712	3.43421754	3.6276266	3.67924544	3.77128389
0.00628949	0.00676037	0.00744649	0.00755917	0.00928875	0.01184968	0.01524758	0.01637538
11.8307427	12.6469876	12.9492786	12.5613661	13.4312925	14.2746334	14.9768589	15.3767856
0.25129224	0.32446502	0.31804797	0.32694635	0.35582304	0.17976963	0.231002	0.26888104
0.02695496	0.02897301	0.03191353	0.03239642	0.03980892	0.05078433	0.06534677	0.0701802
0.24784179	0.24784179	0.23275456	0.49607568	0.62193042	0.656608	0.64098066	0.66644117
4.36832885	4.33987972	4.25829334	4.00462489	3.97117768	3.9718881	3.98029991	4.0249441
0.18008124	0.21796027	0.23037878	0.27167397	0.36378657	0.47504603	0.58578624	0.66796135
0.07385068	0.05956278	0.06583861	0.07676469	0.10099242	0.10830218	0.11151449	0.1164362
1.81899674	1.75143696	1.82469737	2.07524323	2.02453127	2.0676517	2.22958311	2.37647983
8.79154648	9.13928085	9.43882477	9.81015386	10.36798	10.5444886	10.5188094	10.5284778
0.00422004	0.00340359	0.00376221	0.00438655	0.005771	0.0061887	0.00637226	0.0066535
0.01002259	0.00808352	0.00893524	0.01041807	0.01370611	0.01469815	0.01513411	0.01580206
1.00259326	1.07816657	1.16347988	1.27685597	1.53617172	1.69515306	1.94873064	2.18975153
42.3801035	47.7506538	56.2883881	62.0748686	66.1103052	71.3534615	69.4609786	74.3120781
0.01767141	0.01425252	0.01575424	0.01836869	0.02416604	0.02591517	0.02668382	0.02786152
0.08072073	0.06209282	0.08382528	0.09934834	0.09934834	0.1397087	0.16765056	0.16765056
0.00069384	0.00075635	0.00072125	0.00070055	0.00081248	0.00073568	0.00081555	0.00086573
0.06337064	0.07610076	0.08893485	0.10456216	0.11397979	0.1297111	0.14544209	0.16759012

0.00898499	0.00965767	0.01063784	0.01079881	0.01326964	0.01692811	0.02178226	0.0233934
83.8849248	89.8123687	97.905493	102.321047	104.297369	109.138956	110.706835	116.35248
9.19304656	9.52864268	9.91204536	9.49527234	9.00691936	9.00344658	9.56404776	9.70772336
6.02812261	5.83710543	5.49502347	5.21958448	4.53137946	4.61522162	4.85393854	5.37487018
45.4583118	50.1199557	54.413841	58.8471291	65.9087235	66.9060348	74.1173223	71.9892014
0.87869557	0.95776615	0.91223037	0.95456468	1.01364986	1.21704218	1.30241876	1.41222382
0.56466512	0.61620943	0.64083879	0.62262646	0.74909736	0.70086586	1.0091843	1.03122838
0.41602185	0.44085887	0.49363773	0.53710265	0.56504451	0.5277887	0.46259133	0.52157959
0.3468207	0.38201076	0.3595353	0.38168335	0.39430949	0.5156104	0.38421752	0.47067162
0.00693841	0.00756347	0.00721253	0.00700555	0.00812482	0.00735681	0.00815553	0.00865726
6.75906299	7.13175234	7.68941516	8.60046847	9.30341087	9.92140757	10.3179228	11.0206376
0.0026955	0.0028973	0.00319135	0.00323964	0.00398089	0.00507843	0.00653468	0.00701802
0.01886847	0.02028111	0.02233947	0.0226775	0.02786624	0.03554903	0.04574274	0.04912614
0.67654811	0.7683488	0.8403788	0.91148613	0.99107595	1.08329222	1.17882068	1.31222848
4.15361673	4.04139924	4.41410734	4.32064645	4.57552027	4.58432296	4.77335561	5.01949322
0.00197814	0.00170179	0.00199867	0.00246744	0.00342653	0.00386794	0.00418179	0.00457428
0.6007865	0.66230766	0.73656293	0.54188447	0.43986366	0.471110803	0.51444166	0.57323611
5.44869347	5.70372229	6.11698844	5.75644513	6.46555833	6.93279061	7.28901797	7.14773532
99.7504071	103.756156	106.679464	102.277029	105.973315	107.51389	113.423319	122.591649
0.08984985	0.09657671	0.10637842	0.10798808	0.13269639	0.16928111	0.21782257	0.23393401
0.0005275	0.00042545	0.00047028	0.00054832	0.00072137	0.00077359	0.00079653	0.00083169
7.4548521	7.68049416	8.01216506	7.91130463	8.66191707	8.86918795	9.07402965	9.30378141
1.4174333	1.49477862	1.5698041	1.67163406	1.74561907	1.81010817	1.8427059	1.78943311
2.66101119	2.63986362	2.98069124	3.28226914	3.65340789	4.12441394	4.54086356	5.19431692
1.84401894	1.82868423	2.063396	2.24298057	2.65724734	2.95044652	3.60152901	4.18578456
4.00038258	4.60719209	4.47662705	5.124718	4.62965526	5.25401935	6.0072112	6.2999277
0.06100857	0.05840756	0.06534931	0.06690649	0.06126654	0.06344418	0.06834459	0.07968791
0.01727025	0.0177553	0.0190767	0.01953866	0.02201319	0.02956494	0.03464419	0.03436867
25.5158459	27.1282019	32.3955438	35.1066478	36.3155361	39.8541986	39.3293155	41.565746
2.34262133	2.40514693	2.46254014	2.5333274	2.62563678	2.64290844	2.61702514	2.58625319
0.48525633	0.45970787	0.50958461	0.5358653	0.46378548	0.48354791	0.51052535	0.57556325
6.25669028	6.62706611	7.16294307	6.99555422	7.53662568	7.62259515	7.6762596	7.78142307
0.24631339	0.26850322	0.2560447	0.24869697	0.28843112	0.26116677	0.28952148	0.3073329
0.000211	0.00017018	0.00018811	0.00021933	0.00028855	0.00030943	0.00031861	0.00033267
60.501124	65.8896851	71.6623112	71.12981	73.4031672	80.1067505	80.8584847	86.4202772
		0.03725581	0.03725581	0.04346492	0.07865469	0.4348015	0.55372504
73.7044832	76.2537525	81.3246464	79.1128029	77.7835835	80.6406101	82.8130119	86.7918575
4.83506894	4.9112381	4.98194089	5.07327427	5.1736661	5.14420471	5.05779715	4.94551369
1.04170859	1.04585195	1.10484022	1.1384241	1.22712024	1.2773138	1.36300905	1.365802
0.0342935	0.02493095	0.02482337	0.02493095	0.02482337	0.02177423	0.02177423	0.01861783
0.05031592	0.05408296	0.05957192	0.06047333	0.07430998	0.09479742	0.12198064	0.13100305
0.00923133	0.00744535	0.00822983	0.00959559	0.01262405	0.01353777	0.01393931	0.01455453
0.00988348	0.01062344	0.01170163	0.01187869	0.0145966	0.01862092	0.02396048	0.02573274
0.00539099	0.0057946	0.00638271	0.00647928	0.00796178	0.01015687	0.01306935	0.01403604
0.0124185	0.0124185	0.0124185	0.0124185	0.01552306	0.0124185	0.0124185	0.01552306
4.89468382	5.68265897	6.20467745	5.08131956	5.12582263	7.28199009	7.9654764	8.51971551
0.00079126	0.00063817	0.00070541	0.00082248	0.00108206	0.00116038	0.0011948	0.00124753
0.6790051	0.82068805	0.95036778	1.0231128	1.15341604	0.97964788	1.2006209	1.26849538
0.00659381	0.00531811	0.00587845	0.00685399	0.00901718	0.00966984	0.00995665	0.01039609
0.18550239	0.16956242	0.24959707	0.20987459	0.21925005	0.22522487	0.22838933	0.2315538

1.28761127	1.49947768	1.53600661	1.376723	1.4508306	1.6236758	1.69249728	1.91439296
0.4529901	0.4847637	0.53226801	0.50411851	0.52357757	0.54251708	0.57718731	0.6181715
4.13132283	3.5968055	3.44856963	3.57210209	3.35351997	3.31705114	3.29482437	3.65795738
0.14499515	0.15772555	0.17676875	0.1765611	0.20202134	0.25273446	0.26515297	0.29019792
7.18852164	6.72702437	7.05158779	7.58006422	7.6640483	7.4940212	8.16030371	8.88053886
8.10115487	8.73197048	9.25670683	10.6348514	11.6483186	12.3093149	13.3258231	14.7316555
43.9233752	44.1810755	42.9270107	46.1015192	47.8190872	47.2023046	48.6089453	50.2588018
2.83202899	3.01702378	3.32984934	3.43240734	3.4306982	3.51943623	3.93119296	4.62896658
7.53106071	8.26803933	10.3530597	12.1010567	14.9787193	17.9771273	20.8986585	21.6252241
2.46233203	2.7672343	2.94204127	3.41823008	4.35000615	5.49902715	6.3661251	7.24748749
0.30586527	0.32108016	0.37933733	0.3455506	0.38192596	0.40980423	0.40989209	0.45907805
3.15767947	3.15013183	3.43679744	3.47613116	3.56597007	3.59235328	3.64254685	4.03883422
48.1678295	51.4364684	55.2293478	51.8254509	54.9749652	57.4232072	61.0415911	64.1481093
1.29047644	1.06404554	1.01154692	0.87045645	0.93617308	0.94207086	0.87925084	0.85438248
0.52020435	0.63063264	0.71335897	0.82385957	1.01717099	1.21314991	1.27044678	1.56640715
102.283512	107.520663	118.091905	120.063729	125.461563	132.012335	138.327607	147.937762
6.72446192	7.21883707	7.66372528	8.18661623	9.01126811	9.4327513	9.55868171	9.7710013
1.5439453	1.54623667	1.65905356	1.63884175	1.50755463	1.59664898	1.80473339	1.79876958
1.95688781	2.14941079	2.33476105	2.55551856	2.81350915	3.04075476	3.09699565	3.17475464
0.06591485	0.07185297	0.068519	0.06655271	0.07718579	0.0698897	0.07747758	0.08224402
0.00693841	0.00756347	0.00721253	0.00700555	0.00812482	0.00735681	0.00815553	0.00865726
0.00105501	0.0008509	0.00094055	0.00109664	0.00144275	0.00154717	0.00159306	0.00166337
6.48938254	5.99140245	7.550424	7.10234432	7.20562608	7.92956276	11.9079722	13.8389952
1.93838261	2.16026642	2.19783384	2.08213099	2.02883286	2.12259532	2.43286366	3.01574082
0.10407608	0.11345206	0.1081879	0.10508323	0.1218723	0.11035216	0.12233302	0.12985897
1.25116982	1.37535546	1.60509885	1.78827276	1.48401804	1.53369207	1.24185586	1.46849469
0.11680481	0.12554973	0.13829195	0.1403845	0.17250531	0.22006544	0.28316935	0.30411422
0.65824646	1.30242148	1.64019662	2.07611716	2.64216438	2.92490673	3.22565288	3.73235668
0.00211002	0.00170179	0.0018811	0.00219328	0.0028855	0.00309435	0.00318613	0.00332675
1.35463698	1.69869356	1.63542445	1.45510197	1.31161387	1.43204188	1.55656269	1.83375626
0.00898499	0.00965767	0.01063784	0.01079881	0.01326964	0.01692811	0.02178226	0.0233934
2.11375088	2.29516612	2.46489068	2.66592891	2.93477664	3.12318635	3.17324739	3.24852717
0.53663448	0.60105838	0.68411748	0.681149	0.8452965	0.89289398	0.91576928	1.06180878
1.53990585	1.64579188	1.73783742	1.84690435	2.03175039	2.11173274	2.13715947	2.18423269
0.11101449	0.12101553	0.11540043	0.11208878	0.12999712	0.11770897	0.13048855	0.13851624
1.74010179	1.86326055	2.0020464	2.01106071	2.1635118	2.2692894	2.53300014	2.59365054
0.81309768	0.89135702	0.96500902	1.05395398	1.15926579	1.24919688	1.27142183	1.30398809
0.48281789	0.48264267	0.4822901	0.48246601	0.4796101	0.47332166	0.4980571	0.46734246
0.0034692	0.00378174	0.00360626	0.00350277	0.00406241	0.00367841	0.00407777	0.00432863
30.2229431	33.6150316	36.5465215	39.8255206	42.6727339	46.3513531	49.224133	53.4172861
0.54574403	0.52947329	0.56049473	0.63576927	0.62975341	0.64774706	0.69236496	0.76436558
0.02695496	0.02897301	0.03191353	0.03239642	0.03980892	0.05078433	0.06534677	0.0701802
0.20414862	0.21634542	0.24443298	0.2161305	0.1851012	0.19087722	0.19381896	0.19762038
1.54544354	1.49619526	1.3035992	1.5750794	1.37714519	1.45901694	1.63102539	1.66821353
0.41630432	0.45380825	0.4327516	0.42033291	0.48748921	0.44140862	0.48933207	0.51943589
0.310464	0.2794176	0.30425472	0.19869696	0.1707552	0.19248768	0.25147584	0.24216192
0.03773694	0.04056222	0.04467894	0.04535499	0.05573249	0.07109807	0.09148548	0.09825229
0.01186886	0.00957259	0.0105812	0.01233718	0.01623092	0.01740571	0.01792197	0.01871296
0.12974434	0.15530869	0.16803892	0.18708232	0.20612572	0.2253769	0.24400474	0.25021402
0.02695496	0.02897301	0.03191353	0.03239642	0.03980892	0.05078433	0.06534677	0.0701802
4.07975022	4.19151726	4.67658039	4.9244442	5.17355469	5.49012408	5.18919384	5.1142428

0.08984985	0.09657671	0.10637842	0.10798808	0.13269639	0.16928111	0.21782257	0.23393401
0.34692027	0.37817354	0.36062633	0.35027743	0.40624101	0.36784052	0.40777673	0.43286324
0.12329376	0.13283509	0.16142556	0.14883848	0.1868075	0.17090226	0.19290715	0.20579442
2.97698291	3.47351644	4.16184395	4.55130596	5.40287911	7.16460119	9.41776878	11.521128
0.69366068	0.72812339	0.82551002	0.88326356	0.90450795	1.00534225	1.11008095	1.03125944
17.0333296	18.2228585	19.2112034	17.8592628	19.2160632	22.1822403	22.8820091	22.4230313
6.82863704	6.99233292	6.75450918	6.82476158	7.99055468	7.59237372	8.28147142	8.47069882
0.0631317	0.0631317	0.06634023	0.06013095	0.06986043	0.08259066	0.08900772	0.09542478
5.04149317	5.62737932	5.7139131	6.26598979	6.59260531	6.6445346	6.67450354	6.73354041
0.0931392	0.0931392	0.11487168	0.17696448	0.25147584	0.3415104	0.60850944	0.5122656
3.18002105	2.97768323	3.30041888	3.43859923	3.86171515	4.17251677	4.36797157	5.20743738
0.78797934	0.82264983	0.894576	0.92935038	0.94860156	1.00510842	1.01815032	1.07786571
5.26020851	5.64272315	6.23280658	6.0229224	6.39943748	6.18134963	5.80636579	5.52727541
9.84923251	9.99121801	10.4368663	9.93262701	10.2438784	10.1946149	10.3344519	10.6167785
0.71414014	0.71414014	0.71414014	0.71414014	0.71414014	0.71414014	0.71414014	0.71414014
0.41630432	0.45380825	0.4327516	0.42033291	0.48748921	0.44140862	0.48933207	0.51943589
28.2311279	29.3041949	29.6845898	29.8075357	31.044639	30.2235787	30.6508687	30.63749
0.61826603	0.61249064	0.64855595	0.62223471	0.71194757	0.75324713	0.80155144	0.78662532
1.77523537	1.87262193	2.00105521	2.48798803	2.80468559	2.67842203	2.8770272	4.11440871
3.88626909	4.24246501	4.73441454	4.6921844	5.33311156	5.37826568	5.60167709	5.73578588
0.39299266	0.41811863	0.48743205	0.4599967	0.47891339	0.54541102	0.69024788	0.81638414
0.05203804	0.05672603	0.05409395	0.05254161	0.06093615	0.05517608	0.06116651	0.06492949
0.23337951	0.27425928	0.333663	0.39410562	0.44523432	0.63918852	0.7907046	0.84037884
0.03863544	0.04152799	0.04574272	0.04643487	0.05705945	0.07279088	0.09366371	0.10059163
6.50488873	6.94306725	7.31290851	6.1265359	8.17597584	8.9859924	8.171856	7.8699852
131.119321	139.279104	146.038956	154.100257	169.414507	174.343317	176.12859	179.90615
0.02355576	0.02969778	0.02969778	0.02969778	0.04812518	0.06655263	0.06579183	0.07462481
3.32316223	3.94763663	4.35349763	4.92064046	6.02899661	7.16708003	10.9445065	18.5837027
3.81966858	3.6717022	3.81174969	4.33770557	4.21718618	4.30002154	4.64610584	4.91197439
2.05621393	2.18124259	2.46969833	2.52734792	2.16084864	1.59427791	1.70481022	2.0727519
353.846352	370.4095	391.425484	365.750039	341.038575	351.674438	351.488486	353.618119
0.43456983	0.46924032	0.51063954	0.50422248	0.54189372	0.59539983	0.64269666	0.63296718
1.52759142	1.6124556	1.78735434	1.738719	1.86083886	2.04258228	2.44654539	2.59341054
0.00104675	0.0009747	0.00098135	0.00101372	0.00096492	0.00100006	0.00165616	0.0011955
0.02428442	0.02647215	0.02524384	0.02451942	0.02843687	0.02574884	0.02854437	0.03030043
0.04492493	0.04828836	0.05318921	0.05399404	0.0663482	0.08464056	0.10891129	0.11696701
0.56686889	0.63632064	0.67099146	0.69085199	0.76049085	0.86823047	0.94750838	1.06777048
0.07098138	0.0762956	0.08403895	0.08531058	0.10483015	0.13373208	0.17207983	0.18480787
0.00263752	0.00212724	0.00235138	0.0027416	0.00360687	0.00386794	0.00398266	0.00415844
0.001797	0.00193153	0.00212757	0.00215976	0.00265393	0.00338562	0.00435645	0.00467868
0.03692534	0.02978139	0.0329193	0.03838235	0.05049621	0.05415109	0.05575725	0.0582181
4.26583008	4.4577819	4.91772744	4.853439	4.21396686	4.23606348	4.27911498	4.6443204
1.89529829	1.83920929	1.94788601	2.20931562	2.18938302	2.25240015	2.40693863	2.65990102
13.8511561	14.1533698	15.0534729	14.9470104	15.4270503	16.5182333	17.1750012	17.6505746
0.13899369	0.14530704	0.15793319	0.16424627	0.18949915	0.1831858	0.1831858	0.22517957
0.01347748	0.01448651	0.01595676	0.01619821	0.01990446	0.02539217	0.03267339	0.0350901
1.441065	1.64235921	1.72908135	1.92592035	2.51243388	3.09698556	3.46326537	3.49967787
0.00023458	0.0001892	0.00020913	0.00024384	0.00032079	0.00034401	0.00035422	0.00036985
0.01796997	0.01931534	0.02127568	0.02159762	0.02653928	0.03385622	0.04356451	0.0467868
0.20658054	0.21268593	0.19954014	0.18360138	0.244044	0.19239585	0.2430051	0.23317173
5.85670619	6.50933888	7.44048853	6.76434811	7.1886697	8.52067463	9.08700552	9.57553008

0.23785742	0.26125836	0.28378747	0.31062029	0.34197874	0.36960018	0.37643619	0.38588771
1.34279407	1.47490114	1.60208637	1.75356765	1.93059785	2.0865312	2.12512305	2.17848039
0.00693841	0.00756347	0.00721253	0.00700555	0.00812482	0.00735681	0.00815553	0.00865726
0.72957335	0.82948245	1.12186218	0.89402744	0.89619707	0.93007761	1.14499589	1.26484223
0.89150487	0.97710243	1.06580462	1.17717431	1.250354	1.37155022	1.42899209	1.54398587
11.097691	12.3015118	13.8428914	14.3705865	16.3763475	17.6624941	20.0543721	19.4705313
2.44097063	2.94828665	3.70801005	3.97013849	4.63145946	5.48921562	6.08533449	7.05409554
0.71080302	0.851355	0.80912466	0.75830763	0.74723964	0.74888982	0.72136362	0.66681861
0.36324288	0.36324288	0.36634752	0.37876608	0.38187072	0.55275393	0.51580992	0.45951084
47.3301801	48.9135233	50.3348747	52.0550188	54.6137609	55.2548176	54.9560795	54.695541
1.7355933	1.86257153	1.81418546	1.65546154	1.66181125	1.7439485	1.7634891	1.76392698
1086.6479	1154.59668	1206.4598	1178.35679	1193.47085	1246.56944	1285.18811	1331.20959
2.70099766	2.950079	3.18678671	3.46801699	3.81794676	4.09581407	4.16673597	4.26859767
0.00079126	0.00063817	0.00070541	0.00082248	0.00108206	0.00116038	0.0011948	0.00124753
11.9951198	13.0165861	14.5643875	17.125608	19.3049124	21.5717058	22.7003475	25.1221228
0.0005275	0.00042545	0.00047028	0.00054832	0.00072137	0.00077359	0.00079653	0.00083169
2.80887037	2.90026529	2.80277752	2.28487298	2.28487298	0.76162433	0.48743957	0.56360165
0.02775362	0.03025388	0.02885011	0.02802219	0.03249928	0.02942724	0.03262214	0.03462906
0.02428442	0.02647215	0.02524384	0.02451942	0.02843687	0.02574884	0.02854437	0.03030043
0.65872725	0.91687617	1.24701897	1.24651158	1.02212226	1.52988906	1.47481254	1.61174043
28.7198825	28.8585914	30.2705577	28.3703383	31.3449649	29.5543257	28.6865847	29.213864
0.63117281	0.68541155	0.73354489	0.68645584	0.73664953	0.76821538	0.68076601	0.63367696
2.07947067	2.28412312	2.27725807	1.93253664	2.14897737	1.85848105	1.72898705	1.67894951
0.0005282	0.00055494	0.00058233	0.00061201	0.0006407	0.00067176	0.00070352	0.00073598
0.00523663	0.00535429	0.00547642	0.00559855	0.00572067	0.00583833	0.0059545	0.00607068
0.00817463	0.0083232	0.00845847	0.00858476	0.00870744	0.00882696	0.00894237	0.00905795
0.01036739	0.01046329	0.01055342	0.01063577	0.01070663	0.01076443	0.01081223	0.01085385
0.00106457	0.00109268	0.00112079	0.00114889	0.001177	0.00120072	0.00122443	0.00124815
0.1306963	0.13151167	0.13230883	0.1330848	0.13384123	0.13465611	0.13545561	0.13623284
0.00017318	0.00018734	0.00020279	0.00021824	0.00023498	0.00025236	0.00027168	0.00029099
0.00877894	0.00900565	0.00923164	0.0094557	0.00967691	0.00986963	0.01005816	0.01024405
0.00031247	0.0003232	0.00033274	0.00034228	0.00035302	0.00036375	0.00037448	0.00038641
0.00061937	0.00065919	0.00069846	0.00074042	0.00078346	0.00082931	0.00087455	0.00092087
0.00671567	0.00696416	0.00721328	0.0074639	0.00771672	0.00794957	0.00818404	0.00842083
0.0005466	0.00056149	0.00057788	0.00059575	0.00061213	0.00063894	0.00066575	0.00069405
0.08407945	0.08763607	0.09128503	0.09504718	0.09893593	0.10288723	0.10696364	0.11116813
0.00040842	0.00043072	0.00045442	0.00047812	0.00050181	0.00052412	0.00054503	0.00056733
0.08876844	0.09025755	0.09172775	0.09315263	0.09450793	0.09581845	0.09706672	0.09826755
0.01383259	0.0143388	0.01485581	0.01537886	0.01590629	0.01640907	0.0169145	0.0174257
0.0023815	0.00244406	0.0025081	0.00257065	0.0026347	0.00269576	0.00275683	0.00281938
0.15953812	0.16335086	0.1670235	0.17050648	0.17377824	0.18078946	0.187708	0.19459206
6.4379E-07	6.4379E-07	6.4379E-07	6.4379E-07	1.2876E-06	1.2876E-06	1.2876E-06	1.2876E-06
0.00557918	0.00578323	0.00599025	0.00620174	0.00642068	0.00664259	0.00687196	0.00710728
0.00020871	0.00021467	0.00022063	0.0002266	0.00023256	0.00023852	0.00024329	0.00024806
0.01078391	0.01101438	0.01125916	0.0115129	0.01177062	0.01202404	0.01228166	0.01253672
0.15707914	0.15983743	0.16270163	0.16555274	0.16830461	0.17080369	0.17319886	0.1755611
4.0549E-05	4.0549E-05	4.1742E-05	4.2934E-05	4.2934E-05	4.4127E-05	4.6512E-05	4.7705E-05
0.00049577	0.0005128	0.00052891	0.00054405	0.00056061	0.00057489	0.00059058	0.00060386
9.3024E-05	9.7795E-05	0.00010257	0.00010853	0.00011449	0.00011926	0.00012522	0.00013119
0.00039797	0.00041059	0.00042366	0.00043764	0.00045206	0.00047234	0.00049352	0.00051606



0.00096064	0.00100384	0.00104852	0.0010932	0.00114086	0.00119745	0.00125703	0.0013166
7.1662E-05	7.3916E-05	7.6169E-05	7.8423E-05	8.1127E-05	8.293E-05	8.5183E-05	8.7437E-05
1.55156841	1.6083573	1.66727939	1.72795342	1.79015683	1.85612057	1.9235386	1.99271246
0.00045121	0.0004629	0.00047468	0.00048823	0.00050022	0.00051191	0.00052368	0.00053553
0.00015496	0.00016266	0.00017036	0.00017806	0.00018576	0.00019346	0.00019924	0.00020597
1.24529987	1.26620308	1.28736754	1.30787787	1.32708172	1.33981836	1.35121315	1.36177803
0.0008297	0.00087094	0.00091315	0.00095753	0.00100171	0.00103681	0.00107378	0.00111011
3.0258E-05	3.2833E-05	3.5408E-05	3.7983E-05	4.1202E-05	4.4421E-05	4.764E-05	5.0859E-05
0.40976733	0.4191021	0.4283531	0.43747925	0.44645454	0.45528346	0.4639735	0.47257248
0.00028265	0.0002907	0.00029766	0.00030588	0.00031296	0.00032008	0.00032853	0.00033577
0.0001179	0.00011962	0.00012137	0.00012311	0.00012478	0.00012594	0.00012703	0.00012807
0.00033735	0.00035233	0.00036526	0.00037842	0.00038935	0.00040041	0.00041034	0.00042036
1.9362E-05	2.0851E-05	2.0851E-05	2.2341E-05	2.383E-05	2.383E-05	2.5319E-05	2.5319E-05
7.4469E-05	7.4469E-05	7.5958E-05	7.7447E-05	7.8937E-05	7.8937E-05	8.0426E-05	8.1915E-05
0.00385154	0.00392913	0.00400887	0.00410371	0.00421794	0.00435588	0.00451322	0.00468133
0.00924399	0.00972819	0.01023505	0.01076457	0.01132272	0.0118749	0.01245332	0.01305679
0.00027757	0.00028253	0.00028742	0.00029221	0.00029689	0.00030116	0.00030534	0.00030954
0.07338789	0.0741005	0.07481374	0.07556429	0.07637756	0.07723243	0.07814635	0.07905158
0.02081501	0.02191661	0.02305517	0.02422962	0.02544051	0.026833	0.02826711	0.02974546
0.02322352	0.02378349	0.02439207	0.02503043	0.0256847	0.02628882	0.02689849	0.02750288
0.00251367	0.00257374	0.0026362	0.00270089	0.00276961	0.00283874	0.00291048	0.00298424
0.39930987	0.40425618	0.40922038	0.41436773	0.41980619	0.42536808	0.43119531	0.43696768
0.00041384	0.00042576	0.00043769	0.00045081	0.00046274	0.00047466	0.00048659	0.00049851
2.0202E-05	2.1081E-05	2.1959E-05	2.2837E-05	2.3716E-05	2.4594E-05	2.5472E-05	2.6351E-05
2.48759854	2.55906987	2.63194035	2.70467556	2.77610354	2.8208737	2.86309728	2.90318685
0.00014341	0.00015592	0.00016844	0.00018287	0.00019731	0.00021367	0.000231	0.00024832
0.00183023	0.00155702	0.00126847	0.00095763	0.00063145	0.00077224	0.0008963	0.0010092
0.13546332	0.14296379	0.15061514	0.15835701	0.16614198	0.17488607	0.18367326	0.19255529
6.3242E-05	6.7634E-05	7.2904E-05	7.8174E-05	8.3444E-05	8.9593E-05	9.662E-05	0.00010365
0.00143714	0.00152077	0.0016072	0.00169223	0.00177447	0.00184417	0.00190829	0.00197101
0.00013966	0.00014669	0.00015371	0.00016074	0.00016777	0.00017216	0.00017655	0.00017919
2.5045E-05	2.5045E-05	2.5045E-05	2.6238E-05	2.6238E-05	2.743E-05	2.743E-05	2.8623E-05
0.00182334	0.00188704	0.00195139	0.00201592	0.00208028	0.00213931	0.002198	0.00225664
0.00027803	0.00027803	0.00027588	0.00027372	0.00027157	0.00026941	0.00026726	0.0002651
0.00097151	0.0010313	0.00109268	0.00115399	0.00121852	0.00128119	0.00134709	0.00141272
0.00026273	0.00029316	0.00032681	0.00036205	0.00039889	0.00043574	0.00047259	0.00051103
0.00939458	0.01002257	0.01068441	0.01137344	0.01208395	0.0128098	0.01355563	0.01432155
0.00757711	0.00791355	0.00825234	0.00860654	0.00898683	0.00937521	0.00979109	0.01022473
0.00092319	0.00096311	0.00100495	0.00104873	0.00109315	0.00114272	0.00119423	0.00124702
0.00015728	0.00016269	0.00016816	0.00017364	0.00017911	0.00018414	0.00018914	0.00019414
0.01576671	0.01630198	0.01685119	0.01741712	0.01799839	0.0184333	0.01887517	0.01932402
0.00027588	0.00028881	0.00030174	0.00031683	0.00032976	0.00034485	0.00035778	0.00037287
0.0001309	0.00013379	0.00013667	0.00013956	0.00014149	0.00014341	0.00014534	0.00014726
0.01048652	0.01099809	0.01152778	0.01207977	0.01265825	0.01327995	0.0139337	0.01461533
0.01031455	0.01032325	0.01034155	0.01036927	0.01040696	0.01045497	0.01051402	0.01058346
0.00297882	0.00307585	0.00317372	0.00327233	0.00337165	0.0034666	0.00356195	0.00365633
0.00169784	0.00177485	0.001855	0.00193174	0.00200325	0.0020615	0.00211193	0.00215805
0.00272257	0.00283427	0.00295044	0.00306959	0.0031947	0.00331385	0.00343747	0.00356406
0.03293572	0.03441746	0.03595496	0.03754265	0.0391819	0.04071801	0.04230012	0.0439338

0.00020138	0.00021491	0.00022948	0.00024457	0.0002607	0.00027267	0.00028568	0.00029869
0.18474366	0.1883956	0.19212409	0.19594038	0.19985198	0.20361074	0.20745812	0.21139504
0.00511239	0.00529775	0.00548311	0.00565769	0.00582364	0.00592925	0.00601978	0.00610168
0.14983958	0.15287021	0.15592634	0.15896421	0.1619512	0.16473779	0.16746848	0.17015375
6.4043E-05	6.7022E-05	6.8511E-05	7.149E-05	7.2979E-05	7.5958E-05	7.8937E-05	8.3405E-05
8.7836E-07	8.7836E-07	1.7567E-06	1.7567E-06	1.7567E-06	1.7567E-06	1.7567E-06	1.7567E-06
0.00106245	0.00108868	0.0011154	0.0011397	0.00115953	0.00117114	0.00117821	0.00118254
0.00203733	0.00215722	0.00227042	0.00248974	0.0025985	0.00275803	0.00295866	0.00317907
0.01416788	0.01443272	0.01469618	0.0149429	0.01516593	0.01536247	0.01553671	0.01571514
1.583E-05	1.6151E-05	1.797E-05	1.832E-05	1.867E-05	1.902E-05	1.937E-05	1.972E-05
7.4469E-05	7.7447E-05	7.8937E-05	8.0426E-05	8.1915E-05	8.4894E-05	8.9362E-05	9.2341E-05
0.00404165	0.00426311	0.00449503	0.00473602	0.00498796	0.00525289	0.00552942	0.00581424
0.00055351	0.00057371	0.00059467	0.00061626	0.00063839	0.00066191	0.00068595	0.00071064
0.02977203	0.03001149	0.03022718	0.03043542	0.03064809	0.0307715	0.03090081	0.03102759
2.7039E-05	2.8327E-05	2.9614E-05	3.0902E-05	3.1546E-05	3.2833E-05	3.4121E-05	3.5408E-05
0.00388209	0.00410093	0.00432675	0.00455814	0.00479232	0.00503765	0.00528438	0.00553668
4.0424E-05	4.1818E-05	4.4606E-05	4.6E-05	4.7394E-05	4.7394E-05	4.7394E-05	4.7394E-05
0.00931419	0.00990075	0.01051621	0.01116132	0.01183515	0.01246739	0.01312178	0.01380231
0.00187296	0.00194624	0.00201737	0.00209065	0.00216393	0.00230403	0.00244628	0.00259068
0.03135372	0.03205093	0.03275291	0.03345083	0.03414107	0.03478932	0.03542885	0.03606044
0.00093384	0.00093681	0.00093979	0.00094277	0.00094724	0.00095618	0.00096511	0.00097703
0.00179728	0.00182993	0.0018595	0.00188725	0.00191421	0.0019403	0.00196565	0.00199103
2.3852E-06	2.3852E-06	2.3852E-06	2.3852E-06	3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06
0.00491195	0.00511003	0.00531259	0.0055211	0.00573557	0.00595153	0.00617493	0.00640429
0.00293561	0.00302203	0.00310846	0.00319488	0.0032827	0.0033733	0.00346391	0.0035573
10.4703756	8.95220565	9.33603146	9.89479277	10.5043863	10.6643941	10.4298821	10.3495344
3.3379519	3.39769221	3.42893247	3.41400609	3.44120739	3.27923971	3.34772051	3.44876235
1.26413468	1.24020199	1.28117316	1.31432714	1.33526784	1.41633545	1.46814193	1.55730488
0.00974176	0.0097496	0.00961408	0.00934332	0.00773444	0.00776244	0.00776244	0.00762776
0.21669362	0.21569766	0.2361739	0.21734098	0.1797838	0.11583707	0.14231855	0.16856948
95.0347378	99.1285659	103.163859	103.120401	105.277839	108.043142	112.680395	107.071369
1.38754359	1.4267361	1.4538928	1.49801164	1.53700786	1.53362727	1.54007042	1.57311133
0.01795828	0.01695186	0.01673529	0.01631036	0.01634764	0.01649667	0.0167747	0.02034973
88.2429987	90.051923	87.9949665	92.079663	96.9701395	96.9911264	90.4885965	85.767985
6.37531897	6.33509095	6.4005816	6.57913206	6.56563233	6.50704031	6.58429474	6.64211188
4.82879047	4.93026908	4.98223523	5.11614418	5.22456549	5.20003126	5.16398314	5.24221046
0.80710099	0.85863418	0.89937665	0.91231478	0.94086949	0.93537888	0.94121851	0.94209344
7.36246604	7.25486378	7.51842605	7.88066313	7.83917208	7.69114582	7.74577625	7.80066617
0.7448256	0.80956023	0.8903208	0.85688148	0.93975561	0.96537087	0.98290947	1.01344555
3.45829638	3.1911762	2.94799989	2.98395774	3.06717645	3.18342581	3.22457173	3.38106823
102.066792	103.8354	104.151459	102.812375	106.710484	102.585161	103.23378	105.522453
6.48242297	6.84845316	6.94469639	6.9589454	7.32412742	7.67935749	7.71497417	7.83834878
0.00871793	0.00947189	0.01021509	0.00915728	0.00932559	0.00955927	0.01003174	0.01022454
0.01172244	0.0113679	0.01080134	0.00814962	0.00780381	0.00779921	0.00728523	0.00665572
1.92373701	1.93934727	1.99706757	2.1040262	2.17926512	2.16466211	2.14273719	2.13457541
14.4756562	15.0249835	15.3945884	15.9037577	16.3915213	16.4469288	16.5535676	16.9360389
0.08256702	0.08644382	0.08861623	0.09824716	0.10295287	0.10394768	0.10261052	0.10005922
0.00250494	0.0023404	0.00211562	0.00164019	0.00167662	0.00173618	0.00178428	0.00181271
5.61666843	5.82810143	5.94778273	6.60380361	6.94115521	7.33317347	7.75987134	8.8211555
155.92999	162.001182	166.887174	174.682252	180.094978	198.391725	203.994381	201.296674

0.05398621	0.05089502	0.05200981	0.0481322	0.04096308	0.04195474	0.04324056	0.04569228
0.06137751	0.05798732	0.05717873	0.06901653	0.067842	0.06576356	0.05714913	0.0525633
0.4980306	0.50620647	0.51358008	0.52109573	0.52951983	0.53889577	0.54690614	0.55557112
2.35477488	2.74129881	2.86011693	3.15136241	3.47679312	3.83627779	4.12264544	3.83504732
0.88530551	0.94388661	0.9624076	1.04320216	1.05374186	1.09447909	1.21833112	1.34746175
25.2362468	25.485456	25.7327863	26.2590121	26.8150907	26.5832361	25.9847247	25.1345663
4.74979979	4.80364147	4.98870332	5.07598918	5.0390172	5.12603419	5.13976674	5.18881873
7.08074875	7.61521419	7.42199037	7.94176609	8.23620724	7.91687606	8.09940017	8.25622109
761.498027	764.207361	758.120321	760.92777	758.732252	761.53666	740.204058	715.915364
1.18449676	1.20559751	1.23219366	1.28132029	1.41198245	1.46295344	1.5250075	1.581874
3.25959836	3.09973308	3.04278101	3.14323964	3.36614006	3.5601294	3.82467528	4.00397958
3.08407761	3.12424363	3.17836096	3.22174303	3.26746404	3.29451262	3.30075853	3.28596345
0.07797918	0.09384755	0.09200365	0.10815181	0.10104831	0.10909984	0.11643982	0.12272544
0.00266077	0.00221781	0.00244928	0.00294422	0.00324245	0.00783192	0.00746277	0.00746994
37.445611	38.5269102	39.4586898	41.0132291	42.2983147	43.2407341	44.2437455	45.3754511
0.12742629	0.12836188	0.13015684	0.1332017	0.13351573	0.13708772	0.13853448	0.14027773
0.02638393	0.02838741	0.02568818	0.02355054	0.02253005	0.02350487	0.02415426	0.02542641
3.07119403	3.19161801	3.55091014	3.58883514	3.70250632	3.73825538	3.81459501	3.96529826
12.6389857	12.2196274	12.7764679	12.4248317	12.1213531	12.0982627	11.7095091	11.6180289
0.00617331	0.00630188	0.00648988	0.00683828	0.0069783	0.00735655	0.0076744	0.00785633
0.29265913	0.29731129	0.3014485	0.28085468	0.15240463	0.16087321	0.18101836	0.19823594
8.88218106	9.1148872	9.46854079	9.73759379	9.82633992	9.79790201	10.057324	10.3391589
52.0584761	51.6783576	52.3472928	53.6335378	53.9805371	54.1032735	54.2548793	55.4469366
0.1631812	0.16648016	0.16833846	0.17686648	0.1910132	0.19577376	0.2246384	0.2370592
0.00761293	0.00830261	0.00898695	0.00967104	0.01047568	0.01127818	0.01205084	0.0128223
7.84865509	8.10786181	8.27979441	8.37586973	8.34937483	8.4343666	8.50216588	8.6937826
3.65409863	3.66360674	3.75561804	4.29572528	4.66243073	5.08012239	5.00552729	4.70022682
3.02284695	3.06898367	3.01469645	3.13578286	3.34887158	3.27919028	3.59576045	3.78869064
5.00628899	5.52653884	5.5527815	5.8993258	6.28285303	6.46760073	6.33662784	6.1282466
13.9614485	13.9969229	13.0181373	13.3029755	13.2321422	13.2972436	12.9737022	13.0021353
2.45528385	2.41719813	2.44286053	2.41159707	2.33648389	2.3339797	2.34553537	2.37058161
0.10368432	0.11575678	0.11754698	0.12214071	0.12721617	0.13071056	0.13357885	0.13657716
18.1588261	18.2432393	19.0405774	18.6366058	18.5780847	18.8061749	19.181393	19.5986445
1.6734695	1.73146271	1.77370132	1.83350836	1.88202043	1.87777856	1.898787	1.94290321
31.40883	30.8270086	31.0310601	30.7813334	29.5413046	29.3355517	29.6942329	30.0386571
4.43004015	4.36711449	4.39257057	4.339609	4.22405974	4.22237599	4.15176834	4.19523618
0.4512157	0.45659974	0.46284392	0.48656352	0.51143684	0.50736017	0.52863055	0.51430502
0.11318098	0.11194823	0.10711198	0.10912876	0.11198852	0.11182915	0.11038358	0.11130017
51.1949756	51.5071546	52.7936863	54.5537367	55.1498176	55.3724694	55.4924161	55.9183366
0.01786365	0.01836342	0.01822632	0.018107	0.01783865	0.01867156	0.01867101	0.01833354
0.02589851	0.0277312	0.02789116	0.02680721	0.02678894	0.03415082	0.03779056	0.04195815
35.3208323	36.7733486	38.6173723	39.4605975	38.2801259	37.5867193	35.5653567	35.8180301
2.43579659	2.49681868	2.53282561	2.6046008	2.66799637	2.65244532	2.65979223	2.71842869
1.63926262	1.77093934	1.71145977	1.85352584	1.83456365	1.7876683	2.01726195	1.97112844
2.34918987	2.39728021	2.4981413	2.58488326	2.66458221	2.71148182	2.74865569	2.78556265
0.13371284	0.13106518	0.13436526	0.13383379	0.13715861	0.14737658	0.14650773	0.15184144
0.44941016	0.4295949	0.40864642	0.43082053	0.43778843	0.44306094	0.4418874	0.44722598
0.43448589	0.45096909	0.47274428	0.56097102	0.7026128	0.78701611	0.73549056	0.63228387
0.0088537	0.00900193	0.0091627	0.0096619	0.00996691	0.00966763	0.00991282	0.00992389
5.15289033	5.28581805	5.56942863	6.07202732	6.07177903	6.00009301	5.83012402	5.62960423
0.01385378	0.012072	0.01263053	0.01182083	0.01071682	0.01275228	0.0138992	0.01529947

0.0075247	0.00784865	0.004667	0.00479594	0.00453168	0.00444306	0.00328553	0.00395781
2.8808291	3.10449704	3.04803967	2.82949785	2.78064549	2.39891178	2.60257773	2.69182258
0.00420473	0.00389397	0.00397689	0.00365767	0.00379945	0.0038853	0.00499595	0.00681342
1.69906253	1.42344068	1.57683775	1.8583401	2.07149072	1.58812814	1.98645021	1.70409541
0.12131885	0.11158655	0.09084987	0.07426737	0.07598436	0.08017529	0.07019134	0.0665496
2.58232838	2.61809266	2.64659343	2.85765667	2.92797819	2.94604988	3.01571119	3.02119253
2.32076682	2.33552273	2.42719579	2.59240364	2.68561666	2.66509176	2.64771077	2.66032345
2.29507664	2.35975617	2.29190306	2.22929673	2.1787604	2.1712353	2.18437707	2.30519259
7.96588861	7.65188407	7.51071861	7.81067989	8.11563713	7.68789425	7.92774	8.17910106
100.85629	96.0862971	99.6170581	100.215772	99.043666	96.7658329	95.7611962	100.194622
409.981451	407.165419	413.505234	413.604615	420.657081	419.390052	427.653362	431.839498
11.3864766	11.48124	12.1997428	12.884236	12.9728712	12.6723669	12.8661564	13.1682515
16.1611964	16.4848093	17.2577132	17.5733398	17.5968705	17.4678877	17.617645	17.8786249
6.06503188	5.73104243	5.21077473	4.72965255	4.4471616	4.57677319	4.70115714	4.49838123
0.32492412	0.34626198	0.3644641	0.37312844	0.37552363	0.37059129	0.37541372	0.38310176
0.5454787	0.56141844	0.60686493	0.64867265	0.70158237	0.73591291	0.74943328	0.75210222
26.9143105	26.7434242	27.0425982	26.3276111	25.7734551	26.3212132	26.9407182	26.9519375
0.55945798	0.55372572	0.55355191	0.55850925	0.56895371	0.57450638	0.57355765	0.56125055
0.24461837	0.25946924	0.2960541	0.27147111	0.26979404	0.2181758	0.24285708	0.25095062
74.4079428	72.2810291	71.1058417	72.7197342	72.7015513	72.481514	71.9728984	67.6796522
28.7844079	29.670304	30.2467585	31.0678282	31.8609364	31.9548675	31.8043077	32.4410773
11.1328545	11.4079509	11.5144818	11.6634767	11.7770684	11.5573207	11.7484661	12.8110108
5.03457045	5.14669007	5.19839313	5.33545499	5.45209854	5.40010494	5.3763537	5.45342808
18.5460736	14.6751868	10.0832634	7.87760668	9.5720249	9.34632879	8.96476247	8.75790875
0.00153017	0.00154751	0.0015661	0.00157768	0.00159136	0.00159662	0.00160188	0.00160715
0.01416815	0.01396848	0.01356942	0.01362384	0.01345083	0.01425562	0.01429998	0.01436969
21.9288174	21.9116284	21.8431149	22.558841	22.2578488	21.749686	21.8504464	21.9656583
0.0451655	0.04673701	0.04522462	0.0492454	0.05209009	0.05464551	0.06043913	0.08154202
5.60702866	5.50591519	5.40682621	5.45250915	5.35151001	4.43645389	4.70366352	4.86217559
0.2196672	0.22021327	0.20545562	0.19033217	0.15846454	0.12684382	0.13948976	0.18613015
0.18743425	0.1937037	0.20246429	0.21521709	0.20945192	0.21588391	0.22033135	0.21387981
0.79902145	0.80525124	0.92195285	0.95234094	1.18455794	1.26379776	1.10421266	1.15645545
0.01818114	0.01761811	0.01736616	0.0170156	0.01704148	0.01765657	0.01847048	0.01930146
11.9575746	11.1642746	11.452075	12.9386515	10.5285654	10.9845508	12.4346124	12.8062213
0.96752495	0.93213046	0.92305467	0.96143972	0.98089694	0.95685707	0.8523361	0.86343875
4.91280586	5.09166069	5.21258052	5.38495838	5.54076401	5.53860143	5.58741388	5.71860955
0.45976031	0.45264615	0.46571525	0.48479663	0.48197797	0.4723564	0.47333926	0.47623615
3.27352522	3.3953069	3.48034063	3.59862102	3.70761683	3.71294654	3.74012496	3.82620629
0.00078588	0.00081044	0.000835	0.000835	0.00085956	0.00085956	0.00088411	0.00090867
8.28157251	7.84694772	7.774618	7.5316082	7.505721	7.35275508	7.12307283	7.50518612
2.49295906	2.56581913	2.60977475	2.69453659	2.75452174	2.71236627	2.74869912	2.82129989
13.8098161	14.0975622	14.4723011	14.7022298	14.8461571	14.8103288	15.5498226	16.2606766
7.1765E-05	7.8443E-05	8.7646E-05	9.0054E-05	0.00012061	8.6241E-05	8.8856E-05	9.1077E-05
45.8113586	46.0945772	46.2420934	48.0254216	50.7163491	52.469465	53.9583919	54.5898775
1.72999988	1.67769178	1.65858504	1.72466708	1.78493221	1.72761087	1.67923207	1.67165464
8.20663656	7.21085304	6.77275388	6.21387825	6.80875279	6.84224913	6.90808646	7.01379591
0.0441442	0.04150389	0.04204014	0.04070531	0.04401395	0.0511524	0.05342636	0.05278424
53.741621	51.5541767	54.521804	54.1265082	55.0935165	53.8801681	53.3215508	54.4479352
7.66881838	7.74901694	7.81568644	7.89263929	8.20794396	8.28796154	8.13318076	7.9392871
2.00738564	1.91278529	1.99929891	2.04381244	2.03168209	1.90966837	1.95978275	2.00373794
3.75022134	3.41057445	3.32135862	2.82238401	2.89088733	3.04223125	3.16820415	3.22626649

0.08636891	0.08868773	0.08883731	0.08815677	0.08927978	0.08989019	0.09051989	0.08950735
0.07853708	0.07921756	0.07483476	0.06679412	0.0586349	0.06373669	0.06545232	0.05431897
0.83963042	0.94727596	0.95995593	1.03713782	1.04609326	1.14308879	1.17834849	1.2143599
9.82450975	10.0688205	9.77701695	9.59961565	9.70566966	9.45390434	9.24221606	7.72891075
4.16187963	4.23305051	4.29927937	4.73089312	3.34597721	3.33247636	3.85267616	3.87697769
0.21079044	0.20291887	0.2143286	0.19584842	0.20337075	0.20005583	0.19702216	0.20829437
7.90984843	8.03992221	5.95784018	5.95078749	6.38689078	6.94094842	7.72747069	7.99731352
16.0388042	16.0999545	17.5650354	17.4181537	17.8541371	18.1596548	19.1086583	20.0457358
4.12152154	4.13175777	4.30373394	4.64376494	4.83332938	4.91178039	5.05406168	5.03387094
10.7121566	11.2784357	12.0187199	13.0779706	13.360769	13.3006	13.3462163	13.9726802
2.72157992	2.75415991	2.79467055	2.76987771	2.69187801	2.73330897	2.79348682	2.83071277
20.5323022	20.0255381	20.9118293	21.1490126	21.5319425	21.7223714	21.9579459	22.0635762
29.1767261	30.439308	29.8975355	30.1931092	30.3391194	30.5395202	30.9580293	31.1752807
0.12458542	0.13953588	0.15805209	0.18082522	0.20378138	0.22826863	0.25118615	0.26766456
60.0721801	60.8265678	61.7844917	63.6270422	65.6230492	66.9311184	69.7659437	72.2046253
2.76960071	2.8641472	2.89815862	2.963542	3.00234033	3.05354504	3.00657133	2.97952423
11.3894684	10.4538682	10.3406482	10.404265	10.4670046	10.6434872	10.5125104	10.1467311
48.5197756	47.1226063	51.1380524	50.1685011	48.7294742	46.4907316	45.7219001	45.3406199

0.24634512	0.262811	0.28007009	0.30200924	0.31308067	0.32604635	0.3248068	0.32495573
30.1729807	31.4820971	33.5144132	35.6818079	36.3200644	35.3967313	35.8743653	36.3548065
0.96405233	0.97079377	0.98160733	0.95058354	0.95221781	0.98920372	1.01570313	1.00441867
7.57461662	7.53453618	7.93687687	8.24752554	8.47521085	8.48825984	8.66738996	8.68461184
4.63564971	4.72915999	4.78974509	4.45220441	4.41155312	4.1979521	4.68090694	5.12989022
7.60125545	7.8226397	8.24299334	8.49251485	8.92462203	9.77448671	10.1408367	10.0997859
0.02367309	0.02256202	0.0214774	0.02039444	0.021044	0.02138972	0.02188883	0.02244585
0.02866014	0.02966697	0.03088977	0.0309662	0.03259721	0.03461819	0.03773818	0.03566505
0.03696637	0.03553217	0.03813398	0.03721604	0.03935878	0.04471329	0.04593302	0.04310558
16.2525402	16.8318676	17.5636342	17.8437044	17.8746837	18.4140876	19.3740506	19.3243246
137.623141	142.296953	145.779718	150.375436	154.382747	154.88002	155.606441	159.233127
0.76775489	0.76194267	0.78559517	0.74317339	0.74524908	0.71434605	0.7212714	0.7504288
0.89043129	0.93486082	1.06468824	1.23255652	1.31241804	1.41180727	1.42493171	1.601854
8.34101755	8.29127429	8.56289462	9.16762756	9.48323742	9.31854589	9.19714153	9.23924232
20.9814678	21.3241171	22.9317094	23.545682	24.8699171	25.1679462	24.9650091	25.8502618
3.64157432	3.31239939	3.1099967	3.24087993	3.33283785	3.36977619	3.35448569	3.55688682
0.13034157	0.13850808	0.1546228	0.14381423	0.12880014	0.12833756	0.147009	0.13201383
0.00171799	0.00177857	0.00156277	0.0016301	0.00176121	0.00185451	0.00190397	0.00210546
0.04817947	0.04458595	0.04762755	0.05473205	0.05945436	0.06908538	0.07691474	0.08458743
1.63974936	1.59570484	1.59313197	1.64796759	1.66865401	1.72297456	1.74118192	1.77522385
1.8091144	1.86662412	1.6762848	1.74278077	1.78198795	1.89497991	2.12457292	2.23221859
13.3684575	13.6307651	13.4783156	13.284865	14.3147977	14.2332781	15.1566639	16.2770904

0.00415279	0.00350315	0.00383413	0.00352911	0.00377216	0.00430032	0.00415433	0.00418776
0.66105597	0.60872738	0.70459058	0.68265619	0.71492384	0.71675951	0.72304697	0.79908409
3.92234502	4.0066254	4.13853754	4.23434913	4.26746363	4.25005484	4.34883215	4.47047954
1.91259813	1.89800795	1.9922379	2.15349405	2.22612479	2.17667827	2.15244281	2.1516089
4.60138576	4.6348444	4.71587099	4.75676784	4.72117869	4.71435644	4.74729231	4.80180223
0.84468289	0.86286716	0.88096081	0.88384877	0.90807019	0.91769984	0.91489069	0.92794434
0.00335804	0.00376829	0.00389293	0.00414866	0.00438123	0.0044117	0.00411801	0.00439464
1.61078653	1.56039705	1.47708031	1.61963635	1.76240793	1.91563041	2.06194129	2.18554362
6.03656412	6.45285617	5.79802982	4.67406024	4.82170333	4.89623416	5.00501589	5.45710395

0.50236028	0.50078795	0.46631583	0.48665497	0.52102531	0.52629223	0.5411957	0.55531937
78.1648991	74.5586643	81.6735164	77.7450888	85.2668568	83.7830236	87.5311233	89.1471096
3.14570662	3.23286888	3.29280994	3.38725813	3.47067579	3.47798622	3.46847523	3.53114009
3.29861014	3.37760679	3.43401782	3.53168578	3.60719459	3.58310704	3.57801779	3.6399739
0.49494784	0.54082414	0.54973608	0.53942694	0.50663006	0.45489048	0.40463104	0.36643555
0.02160908	0.02157691	0.02584901	0.02810537	0.03394921	0.03913636	0.04525971	0.05831917
0.16412522	0.17463934	0.17556675	0.1897705	0.20084329	0.20375454	0.20111921	0.18661944
2.09761285	2.19499645	2.21260104	2.30773118	2.38012123	2.34916635	2.35726316	2.07626431
30.9520808	30.8765809	31.4435761	31.9377863	32.2042787	32.9195996	33.5147771	34.3932457
9.24174427	8.99712845	8.81380798	9.2340936	9.14550844	9.10352875	8.98623868	8.49620038
11.1624952	11.2567192	11.1894317	11.5011575	11.8693845	12.6389811	12.7923762	13.1661923
5.1100929	5.29398845	5.43503121	5.60866833	5.76866882	5.95718566	5.8659112	6.29927837
54.7278116	56.8250462	58.2644351	60.1730744	62.0028837	62.3004348	62.5856064	64.0959542
18.2479535	18.6607161	19.5716494	20.6808224	21.9864331	20.6139066	20.5203391	20.6713724
249.415797	250.246099	252.771207	261.704774	264.083361	256.796605	252.877843	249.859557
14.3131976	14.7911185	15.1911397	15.6932002	16.0736183	16.1737609	16.2272944	16.5682766
0.01332681	0.01347257	0.01378319	0.01395642	0.01417583	0.01449273	0.01472985	0.01506543
14.8645034	14.9079261	15.6112977	16.0370451	16.6224449	16.9277162	17.7402459	18.3837814
0.00602113	0.00610735	0.00622396	0.00663717	0.00666742	0.0070352	0.00706695	0.00691459
58.6744096	60.1022778	61.0983134	61.4438611	57.2146636	60.8205402	62.3996726	61.6142144
0.16947148	0.17092559	0.19013709	0.19939519	0.20868323	0.21757267	0.20872027	0.20059765
0.05130444	0.05120447	0.05160506	0.05468178	0.05863719	0.06014608	0.05997946	0.06186444
2.15604439	2.12520281	2.02193336	2.16767229	2.22255923	2.06602365	2.08396291	2.09644535
21.3284713	21.6094499	22.2668699	23.1330769	24.0615788	23.9265227	24.2315304	24.0379018
1.98200159	2.02633797	2.04126144	2.04081177	2.11135527	2.34725279	2.42874388	2.45888304
6.95335702	7.0484519	7.05550157	7.20711718	7.65355072	7.77098995	8.04192303	7.34278997
9.5204E-05	0.00010021	0.00011039	0.00010815	0.00010257	0.00010235	0.00010822	0.00011541
0.02559169	0.02593649	0.02634012	0.02754711	0.02783179	0.02810782	0.02846849	0.02891452
0.7668897	0.77105901	0.77679381	0.78464445	0.79469453	0.80573031	0.81922502	0.83553182
6.2295E-08	6.1086E-08	6.5286E-08	7.0471E-08	6.1483E-08	7.0263E-08	6.3602E-08	9.2084E-08
0.16717211	0.16904211	0.17251746	0.17418583	0.17615025	0.17626118	0.17797082	0.18794844
0.00110987	0.00093206	0.00097646	0.00093206	0.00084277	0.00088618	0.00090139	0.00082314
0.19229422	0.19047029	0.1881376	0.18455284	0.17598204	0.15614938	0.16920226	0.16548373
0.10580616	0.1091253	0.11203709	0.11573839	0.11671916	0.11876377	0.12035043	0.122379
8.4277E-05	9.097E-05	0.00010959	9.4308E-05	8.2885E-05	8.536E-05	9.5193E-05	0.00010392
0.81729293	0.85153141	0.80665921	0.73017518	0.69982189	0.66338319	0.63022396	0.59804096
0.6229556	0.58362684	0.63933385	0.59341143	0.56521964	0.55643019	0.53141687	0.53919656
0.05095421	0.05240302	0.05361916	0.05538765	0.05678689	0.05709585	0.05786602	0.05868943
0.41854814	0.43380487	0.42778664	0.43225103	0.45429847	0.4628824	0.46484008	0.48443549
0.84553989	0.81472857	0.7887019	0.7671517	0.59836335	0.48533908	0.46332673	0.49175475
0.29547093	0.30139989	0.307318	0.31361654	0.32005147	0.32666415	0.33342671	0.34085535
0.75672151	0.77391321	0.7860804	0.7872861	0.83019315	0.84145059	0.85768948	0.8757877
2.24789057	2.31350296	2.36382987	2.39419145	2.45073873	2.49407671	2.54249214	2.57988172
0.47568251	0.46942953	0.56270056	0.49688645	0.5044826	0.4527179	0.45818445	0.48109335
0.00015011	0.00013686	0.0001246	0.00013784	0.00014447	0.00015109	0.00015771	0.00016433
0.00216363	0.00224935	0.00246189	0.0023806	0.00227268	0.00223071	0.00232337	0.00238747
0.16714517	0.12484389	0.10830944	0.12663351	0.15575838	0.14857439	0.15371732	0.13574066
0.56041985	0.57289909	0.58245808	0.59951933	0.5978411	0.60847683	0.6123802	0.61661857
0.00320982	0.00341142	0.00328129	0.00339048	0.00335413	0.00326627	0.00336846	0.00350212
0.00011438	0.00012346	0.00014873	0.00012799	0.00011249	0.00011585	0.00012919	0.00014103

0.05696348	0.05867085	0.06009887	0.06184593	0.06357789	0.06525802	0.06693622	0.06880171
8.57937053	8.50528624	8.3183487	8.18658191	7.98722753	7.78640711	7.46223779	7.05689463
0.00052909	0.00054141	0.00058562	0.00055448	0.00051	0.00051122	0.000527	0.00055702
0.00565107	0.00539905	0.00514706	0.00489507	0.00464305	0.00439107	0.00413904	0.00388706
0.09032407	0.09099745	0.09240412	0.09495883	0.09498797	0.09777714	0.10063462	0.10857583
0.05424314	0.05614157	0.05821685	0.06035883	0.06257645	0.06480245	0.06718804	0.06957866
0.20844024	0.21623504	0.22499982	0.23508477	0.24895561	0.25782993	0.26387748	0.27256378
1.10592146	1.07669376	1.00387816	0.99926898	0.96988349	0.93358443	0.93773113	0.90285141
0.22063859	0.20658326	0.22380446	0.19282987	0.17579475	0.17615518	0.17583485	0.1169741
0.43444248	0.4206322	0.40649301	0.40734364	0.41982723	0.42443088	0.43121971	0.4362012
70.9011515	73.1608306	74.7053067	75.7125042	80.068286	81.2920351	85.051254	88.3158502
0.33582363	0.34770975	0.35984363	0.37231426	0.38526368	0.39920174	0.4136547	0.42856085
0.78611011	0.80145113	0.81859484	0.83724205	0.8557863	0.87810077	0.90357204	0.93015338
1.46754941	1.50779087	1.54964468	1.59325206	1.63838214	1.68633766	1.73741792	1.7903134
0.08049308	0.08234102	0.08427751	0.08627483	0.08853889	0.09010508	0.09175144	0.09342366
3.5665E-05	3.1071E-05	4.1151E-05	5.8455E-05	3.4986E-05	3.3443E-05	1.9836E-05	2.7993E-05
1.38380183	1.20800904	1.17527901	1.13638618	1.36225379	1.36917522	1.38743015	1.41994761
0.0071502	0.0074683	0.00769487	0.00770657	0.00866032	0.0099232	0.01034447	0.01085906
0.00983994	0.01022996	0.0102654	0.01040701	0.01081034	0.01105455	0.01120135	0.01109984
0.036956	0.03786981	0.03880883	0.03970444	0.04069387	0.04177888	0.04286346	0.04400618
0.05262401	0.05693524	0.05879946	0.06240851	0.06602568	0.06166923	0.06625335	0.06390259
2.2574E-05	2.5991E-05	3.3268E-05	3.0313E-05	2.8122E-05	3.0486E-05	3.5697E-05	4.0826E-05
0.00277651	0.00279583	0.00279667	0.00097641	0.00171477	0.00233496	0.00232936	0.00240134
3.10053218	2.90695729	2.62570413	2.36415968	2.44929283	2.51670699	2.67239284	2.41903727
7.09488504	6.72216101	6.26226354	6.12472848	5.56390427	5.48159488	5.33090242	5.14486316
0.00601654	0.00639222	0.00679766	0.00733933	0.00807227	0.00859006	0.00951364	0.01019261
0.00053902	0.00051681	0.00052476	0.00054922	0.00052019	0.00048445	0.00048216	0.00047799
0.10337523	0.10581084	0.10763192	0.10275147	0.08064848	0.08352062	0.08141007	0.08580868
0.1462678	0.15295436	0.1469306	0.15071142	0.15515153	0.15968706	0.16410591	0.16819814
0.00660159	0.00731315	0.008239	0.00863092	0.00927791	0.01116636	0.01122195	0.01275276
0.34634562	0.34009828	0.32544056	0.31255441	0.30564629	0.29839971	0.29358612	0.27992649
0.27509074	0.28175588	0.28293334	0.28996494	0.29044812	0.29027814	0.28914439	0.29316917
0.09962133	0.10233867	0.10509071	0.10781606	0.11041855	0.11319354	0.11537615	0.11732332
0.00013162	0.00012702	0.00012963	0.00013305	0.0001414	0.0001233	0.00012396	0.00010898
0.4053002	0.40561233	0.14559798	0.19117486	0.19151652	0.14231059	0.12642497	0.10778615
0.1867766	0.18752608	0.18678112	0.19091349	0.18745567	0.18936163	0.18797082	0.18525358
3.22264335	3.31031663	3.39931065	3.48739261	3.57192801	3.66159659	3.73178364	3.79436452
1.46992494	1.48081335	1.42453768	1.40321995	1.15204021	1.14483194	1.1207872	1.16925945
0.00180962	0.00170145	0.00183265	0.00244883	0.00170283	0.00171757	0.00141254	0.0017932
3.761E-05	3.7443E-05	3.8497E-05	3.8329E-05	3.608E-05	3.4565E-05	3.4972E-05	3.5293E-05
5.34782442	5.13084222	5.19305388	4.74839085	4.51709086	4.33595951	4.23414698	4.33632852
0.13701238	0.13990199	0.14319463	0.14657075	0.15020208	0.15365515	0.15685943	0.1600262
4.85065246	4.19311325	4.10720234	3.98383285	3.42190041	3.20995979	3.25583262	2.89610482
0.33317413	0.33043602	0.32438189	0.3299323	0.32182762	0.3227812	0.31717911	0.30731089
0.54411775	0.57113129	0.59976549	0.60171664	0.61953142	0.63672819	0.65327336	0.6717109
3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07
0.9255134	0.93850755	0.93214313	0.92154657	0.95096074	0.950122	0.95921429	0.96273145
0.00091286	0.00091156	0.00094082	0.00092389	0.00086768	0.00083203	0.0008454	0.00085354
0.02887943	0.02981015	0.03043837	0.03026643	0.03272581	0.03361094	0.03460446	0.03669784
0.10244256	0.106784	0.11043086	0.11529869	0.12473091	0.13348495	0.14525467	0.15239312

0.02923503	0.02934354	0.02977336	0.03035681	0.03086467	0.03161677	0.03218795	0.03269582
0.17890528	0.17983129	0.18326683	0.1803414	0.18215332	0.18331709	0.17959091	0.17794308
9.0296E-06	9.7468E-06	1.1742E-05	1.0104E-05	8.8806E-06	9.1457E-06	1.0199E-05	1.1134E-05
0.58638731	0.59815696	0.61120156	0.62343279	0.73122763	0.74981647	0.76890006	0.7883752
0.00129591	0.00124953	0.00127908	0.00120249	0.00115958	0.00115386	0.00122518	0.00124365
0.01724521	0.0169961	0.01668346	0.01635164	0.01619805	0.01623765	0.02176401	0.02939184
0.00994831	0.00836917	0.0078965	0.00890099	0.00741808	0.0086479	0.01012586	0.01002808
0.30087292	0.30645928	0.31209894	0.3176142	0.32336512	0.32938488	0.3354686	0.34201229
0.24041011	0.17956686	0.15578484	0.18214094	0.22403214	0.21369919	0.22109642	0.19524003
0.38441952	0.3940902	0.40356764	0.41445172	0.42435868	0.43579991	0.44694104	0.45843437
0.77031934	0.71421011	0.76159402	0.71576615	0.65649507	0.75786387	0.71221455	0.80784269
8.86354018	9.00463994	9.14731116	9.27275859	9.45002925	9.61520776	9.78869523	9.96791846
21.3321433	21.7994809	22.3634689	22.8565877	23.357873	24.0122688	24.5620419	25.0864741
0.399024	0.36888958	0.31454656	0.36934437	0.34975857	0.36616816	0.40442023	0.33266935
0.06823042	0.0700204	0.08018264	0.09022387	0.10152927	0.10773267	0.12100668	0.1150674
0.01235679	0.01123028	0.01209293	0.01373681	0.01544497	0.01607941	0.01741644	0.01756676
0.00088676	0.00090949	0.00090342	0.00091116	0.00093261	0.00089604	0.00097367	0.00102667
0.00712781	0.00761903	0.00765125	0.00744818	0.00765192	0.00735011	0.00740345	0.00707759
0.45859055	0.39550431	0.31146313	0.57453247	0.48772865	0.48278707	0.44683079	0.37795401
0.01767393	0.01818161	0.01851524	0.01889581	0.01966829	0.01970885	0.02006553	0.0201937
0.00167124	0.00154958	0.00156846	0.00168644	0.00187898	0.00216973	0.00203194	0.00220191
1.14334016	0.96632605	1.02233351	0.97208051	0.79653005	0.76983974	0.74483391	0.65447642
0.10669967	0.10758783	0.10761763	0.11038855	0.11381273	0.1127731	0.11281906	0.11178725
0.87882384	0.90694807	0.93597669	0.96601789	0.99725055	1.02934095	1.06242713	1.09659153
0.01274983	0.01324605	0.01368712	0.01418164	0.01535875	0.0155078	0.01579978	0.0160516
0.38543998	0.39132137	0.40224367	0.404849	0.40429837	0.39922809	0.39404241	0.38268497
8.219E-05	7.726E-05	8.5981E-05	0.00010046	7.8189E-05	8.2919E-05	7.1516E-05	8.2601E-05
1.204E-05	1.2996E-05	1.5656E-05	1.3473E-05	1.1841E-05	1.2194E-05	1.3599E-05	1.4846E-05
1.64321937	1.71100633	2.11862676	2.22198017	2.21789901	2.39129674	2.62722509	2.70412498
0.01110455	0.01008995	0.01539064	0.0112448	0.01035815	0.01101736	0.01021625	0.01164365
0.15235977	0.15358951	0.15475872	0.15721921	0.16021918	0.16678719	0.16780725	0.17321557
0.03482785	0.03596519	0.03661583	0.03889511	0.03996316	0.039375	0.03954129	0.0391723
0.17549825	0.18394681	0.19033394	0.16486789	0.15966541	0.1504241	0.24153096	0.24392374
0.03525188	0.03695559	0.03826184	0.03985238	0.04170234	0.0429047	0.04440357	0.0460807
0.00040717	0.00041294	0.00043907	0.00045194	0.00042824	0.00040945	0.00041932	0.00041449
0.82057248	0.82058474	0.8355102	0.84677685	0.91416434	0.92917992	0.88901555	0.90451554
0.2255504	0.22765539	0.22129843	0.22100215	0.23564627	0.23910641	0.23738667	0.23841406
0.33582511	0.33933578	0.34048914	0.34891227	0.34463636	0.34902516	0.34824836	0.34599166
0.01609029	0.01503472	0.01280893	0.01349624	0.01047726	0.00931937	0.00935418	0.00920389
0.48616515	0.48383248	0.47694117	0.48575491	0.47382213	0.47656376	0.4695922	0.45727023
0.00136243	0.00109224	0.00171247	0.00182701	0.00124022	0.00113581	0.00051774	0.00071019
0.22874477	0.23410384	0.23743127	0.24106896	0.24770003	0.25554878	0.25970805	0.26638681
0.31478599	0.32419123	0.33229488	0.34294726	0.34510187	0.35232382	0.35637977	0.36146178
0.34466556	0.35185213	0.36036073	0.36610811	0.37313595	0.38402618	0.39187361	0.4039471
0.00030854	0.00031138	0.00031743	0.00033233	0.00032916	0.00034367	0.00033951	0.00035023
1.70737353	1.73180578	1.75638046	1.78093264	1.81053413	1.83641775	1.86140445	1.88823143
0.02114171	0.01579114	0.01369975	0.01601751	0.01970143	0.01879275	0.01944326	0.01716945
0.30589128	0.3129764	0.32185453	0.33096473	0.33717155	0.33686476	0.33710472	0.34979396
0.00036932	0.00028504	0.0004536	0.0003934	0.00033964	0.00041272	0.00037604	0.00035364
2.00462882	2.05246362	2.10717697	2.14956857	2.19319017	2.23248304	2.27133071	2.30879982



0.0469868	0.0454712	0.04873114	0.04787787	0.05455239	0.05510556	0.05777326	0.06450474
1.40679293	1.39681522	1.39003936	1.38875499	1.39263755	1.38761092	1.38822114	1.3911983
0.08670742	0.08906962	0.09154732	0.09110072	0.09763265	0.09939835	0.10196621	0.10537999
0.0007083	0.0007098	0.00074304	0.00072505	0.00066702	0.00064773	0.00066371	0.00067584
0.00797133	0.00785373	0.00779745	0.00767598	0.00756678	0.00748597	0.00740517	0.00733938
0.37838282	0.38266141	0.38035172	0.38095251	0.39480519	0.41449202	0.41513808	0.41968548
0.23419963	0.23112195	0.22622375	0.2223746	0.22111429	0.21456357	0.20901957	0.2056861
0.04785174	0.04959426	0.05069758	0.05162123	0.05394662	0.05602541	0.05671919	0.05887722
0.00220082	0.00192411	0.00250348	0.00331496	0.00229262	0.00220102	0.0014699	0.00196842
0.22821893	0.23456933	0.24112519	0.25234373	0.25834519	0.26497279	0.27170506	0.27888706
10.4191074	10.6775063	10.9455398	11.2264706	11.5215598	11.8255368	12.1436004	12.4802944
0.18192434	0.18680968	0.19209236	0.19718507	0.20284795	0.2074774	0.2119246	0.21661347
0.28087017	0.25144874	0.21955566	0.17088593	0.14866223	0.15123313	0.13571749	0.14011563
0.07392945	0.05641338	0.04375382	0.04008215	0.03730297	0.1229964	0.12690978	0.12790371
1.41282739	1.44012722	1.46844901	1.49780364	1.52775332	1.55860769	1.58993179	1.62217374
0.06024053	0.06216855	0.05931327	0.08982902	0.09421816	0.0954499	0.09128474	0.08299667
0.00081955	0.00078318	0.00071044	0.00088017	0.00137726	0.00217744	0.00138938	0.0021047
3.38736259	3.49434357	3.60452922	3.71645273	3.8364097	3.94972761	4.06690762	4.18703697
0.09611871	0.09693676	0.09757195	0.09834187	0.09901791	0.09986953	0.10080015	0.10146198
0.99194566	1.00081583	1.01288947	1.02875223	0.99460105	1.00327686	1.01440341	1.0173216
2.00734725	2.01276402	2.06650607	2.12755828	2.19120207	2.25669977	2.3053414	2.35608427
0.00235019	0.00235019	0.00235019	0.00235019	0.00235019	0.00235019	0.00235019	0.00235019
0.1279268	0.1307821	0.13331073	0.13851929	0.14282299	0.15038082	0.15462231	0.16278671
3.73952548	3.68064162	3.68607992	3.822106	4.01820228	4.39293508	4.23316146	4.43628264
0.00628629	0.00649118	0.00695591	0.00596446	0.00496562	0.00526286	0.00561996	0.00577905
1.21353346	1.24795828	1.25967286	1.29195375	1.31053965	1.41786663	1.49329263	1.57034106
0.13096004	0.10917486	0.11014169	0.10116235	0.0986719	0.09980898	0.10285784	0.1133756
0.268652	0.27314603	0.27759196	0.28308825	0.28761172	0.29279262	0.29801359	0.30285901
0.00034831	0.00031624	0.00038847	0.00051436	0.00033984	0.00033072	0.00023065	0.00029304
0.00081458	0.00056588	0.00057814	0.00060267	0.0005725	0.00054197	0.00056539	0.00058041
0.00404818	0.00402709	0.00400575	0.00402172	0.00399883	0.00446384	0.0132029	0.01291562
0.76564986	0.7792874	0.8072274	0.84115004	0.81916702	0.91195908	0.84262455	1.15770595
13.2192115	13.4245021	13.547484	13.9104905	13.7959583	13.9934029	14.0174595	14.0128713
0.73435438	0.75674441	0.77921952	0.80321182	0.82951819	0.84980847	0.87673942	0.90232327
0.00231379	0.00262063	0.00275577	0.00278453	0.00304329	0.00357281	0.00312316	0.00359558
0.43336665	0.32368976	0.28081995	0.32832981	0.40384349	0.38521716	0.39855151	0.35194242
0.72998725	0.74368799	0.75923212	0.77522865	0.79279539	0.81480781	0.8375938	0.86118726
0.15587548	0.15712764	0.15838483	0.15965379	0.16111915	0.16236727	0.16357682	0.16480862
0.00471398	0.00335016	0.00237829	0.00159995	0.00244531	0.00299257	0.00441519	0.00349131
3.6762E-07	4.3676E-07	4.3172E-07	3.7869E-07	4.5819E-07	6.8377E-08	1.9191E-07	1.606E-07
0.00239515	0.00245628	0.00256459	0.00272057	0.00276546	0.00291836	0.00297567	0.00315916
0.56595195	0.57241126	0.56240825	0.5514745	0.56551674	0.58017505	0.5796432	0.59079453
0.38294398	0.39399223	0.40544719	0.41726394	0.42921599	0.44202727	0.45507111	0.46854332
0.39466695	0.40082103	0.41209309	0.4494512	0.45111997	0.4792494	0.47820064	0.50291345
5.9029E-05	6.1048E-05	6.8148E-05	6.2879E-05	5.7751E-05	5.7103E-05	6.0675E-05	6.375E-05
0.00569738	0.00594381	0.0060017	0.00613373	0.00642631	0.00656418	0.00664796	0.0068977
0.00355873	0.00344356	0.00364264	0.00341473	0.00334858	0.00376491	0.00360024	0.00362081
0.41857355	0.44448197	0.42659148	0.42096638	0.41814259	0.40725889	0.38568902	0.42771169
0.09857294	0.07362599	0.06387489	0.07468142	0.09185765	0.08762093	0.09065394	0.08005231
0.20842212	0.18163098	0.2550955	0.19690642	0.20582288	0.22860507	0.24886376	0.25833065
0.16403702	0.16867382	0.17331062	0.17847271	0.18382348	0.18934675	0.19540316	0.20948157

0.00055851	0.00057911	0.00061253	0.00065132	0.00070032	0.00071269	0.00074521	0.00075835
0.00391064	0.00407577	0.00363852	0.00309347	0.00448163	0.00475868	0.00579732	0.00488305
1.2701E-05	1.2226E-05	1.4537E-05	1.4137E-05	1.3154E-05	1.2745E-05	1.3098E-05	1.3402E-05
0.36272438	0.3721323	0.38322898	0.38472696	0.39808827	0.40853323	0.41628575	0.42930958
0.12171891	0.12483716	0.12792181	0.12900283	0.13190587	0.13528318	0.13843754	0.14182778
0.96443644	1.00750798	1.05276724	1.10216407	1.7266608	1.70751806	1.68649109	1.67383307
0.24496584	0.25367737	0.26160772	0.27054517	0.27265925	0.27890496	0.28317486	0.2889493
0.14418058	0.14997443	0.15534464	0.16099029	0.16643183	0.16930747	0.17256635	0.17655681
0.00646217	0.0064718	0.0064161	0.00646329	0.00657506	0.0067659	0.00682173	0.00698576
0.00010982	0.00010761	0.00011985	0.00013742	0.00012904	0.00011668	0.00010336	0.00011397
0.00589813	0.00584111	0.00185626	0.00577213	0.00578004	0.00573933	0.00569555	0.00564644
0.11637787	0.11818008	0.12008882	0.12227976	0.12455466	0.12760638	0.1307985	0.1344122
2.41778072	2.70970372	2.72473168	2.81270595	2.84920761	3.040277	3.08083188	3.1496159
0.07717725	0.07076173	0.06464656	0.06007599	0.04822199	0.08664096	0.04421749	0.06514501
1.01314529	1.0495388	1.08745528	1.12688271	1.16773241	1.21029952	1.25491624	1.30021665
1.08692864	1.1013632	1.10889016	1.10613888	1.12743344	1.16659389	1.21005335	1.25565049
3.05743771	3.1543975	3.24001733	3.34632508	3.35423604	3.42629481	3.47040304	3.52964616
0.11958865	0.11997805	0.12042385	0.12081484	0.12106129	0.12174568	0.12200897	0.12267991
11.3706717	11.0197732	10.5349835	11.4025297	11.984293	12.245272	11.7122761	12.2701588
0.5277388	0.54749822	0.56563615	0.58583897	0.59932195	0.60788502	0.61897949	0.63307268
0.0005746	0.00054421	0.00056939	0.00058593	0.00057284	0.00053925	0.00053219	0.00051816
0.065952	0.06820407	0.0707489	0.0721325	0.07402899	0.07619211	0.07781612	0.08029569
3.1917E-05	3.2221E-05	3.5153E-05	3.4053E-05	3.2071E-05	3.0878E-05	3.1959E-05	3.3611E-05
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0.0007408	0.00072415	0.00078955	0.0008929	0.00081063	0.00085473	0.00080607	0.00088794
0.00190065	0.00188806	0.00190885	0.00198362	0.00193234	0.0019791	0.0022526	0.00233341
0.0061826	0.00636734	0.00632024	0.00662003	0.00749155	0.00714993	0.00740359	0.0077723
2.2660452	2.32746055	2.37413076	2.46405381	2.58928311	2.53041534	2.35479413	2.42494083
0.49217842	0.50617727	0.52067241	0.53574061	0.55164015	0.56825095	0.58497611	0.60141275
1.08868188	1.10435112	1.14391195	1.16835056	1.20059409	1.22658366	1.24982909	1.2630815
0.00013407	0.00013917	0.00014802	0.00014466	0.00014376	0.00016666	0.00017086	0.00016631
0.2805848	0.30123525	0.29529915	0.30964729	0.31519984	0.28967561	0.29449908	0.29343133
4.25545902	4.86254223	5.35723645	5.53821007	5.20424256	5.11034315	4.89437285	4.6426552
0.97945989	1.24668539	1.235118	1.06577561	1.11938711	1.17674711	1.20997799	1.34518689
0.32631948	0.30809625	0.35305365	0.32181834	0.20497237	0.21662043	0.21766096	0.21945795
9.6430889	10.9373468	13.9325593	15.2502899	15.4264994	17.7264609	18.3237735	16.9213427
8.40785146	8.45955996	8.05663603	8.01040749	7.87364133	7.72052801	8.52546819	8.56145717
0.11025392	0.11356174	0.11719529	0.12059585	0.12332342	0.13146743	0.13911164	0.14616709
3.7204E-05	3.6155E-05	4.6167E-05	3.6401E-05	2.6633E-05	2.8941E-05	4.4383E-05	2.9171E-05
20.1161972	24.0876501	25.2012771	24.2116219	20.2966676	19.9821795	21.8774304	21.4660005
1.39583761	1.40594903	1.42224009	1.39854888	1.35616301	1.36548832	1.3581662	1.36675063
0.992903	1.04368278	1.10699479	1.15476764	1.2226216	1.29533403	1.35675774	1.40713097
0.03497201	0.0360448	0.03534348	0.03499641	0.03564171	0.03521006	0.03553304	0.03628089
6.1742488	6.01403182	6.03599341	5.83018038	5.83580238	5.77535603	5.74447608	5.09655952
0.31876169	0.32288277	0.32355708	0.32748412	0.33130029	0.33825785	0.34182453	0.34528032
0.06043747	0.06112329	0.06255021	0.06144078	0.06302222	0.06279876	0.06567215	0.06599557
0.05391282	0.05496574	0.06515983	0.06779555	0.05879291	0.07595024	0.08762762	0.09366353
2.67074189	2.64119801	2.55725132	2.29745799	2.55391417	2.31350962	2.25217237	2.27826942
15.2954932	14.1199077	14.71215	15.2229019	12.7991294	13.1741861	15.5077447	14.8621116
0.0007828	0.00043775	0.00054408	0.00062779	0.00059445	0.00053551	0.0008467	0.00069461
1.54232479	1.55119322	1.62824697	1.6849362	1.77535328	1.79143547	1.87077292	2.00293977

1.38754843	1.46073154	1.54997007	1.61632223	1.70811773	1.80524557	1.88645125	1.95449712
0.00056654	0.00057491	0.00059441	0.00057626	0.00058397	0.00070015	0.00070949	0.00071203
5.0491E-05	4.9068E-05	6.2655E-05	4.9401E-05	3.6145E-05	3.9277E-05	6.0234E-05	3.9589E-05
16.6107297	20.1967988	21.8804828	21.087029	18.8651059	19.1157498	16.485702	15.6043689
11.3827443	12.6712529	13.1495624	15.8873005	18.091662	16.5023005	16.6088226	17.3724543
0.04334033	0.0457452	0.05571859	0.04776196	0.04716882	0.04129037	0.06072051	0.05043839
0.58200129	0.82302127	1.16634986	1.22011043	1.28897736	1.60539762	1.71000779	1.71745348
0.00505508	0.00514458	0.00519192	0.0055421	0.00524525	0.0052875	0.00546396	0.00587106
	0.00336918	0.00878333	0.01460061	0.03094659	0.09596377	0.12610123	0.13525683
0.00424068	0.00443429	0.00462938	0.00473577	0.0049793	0.00508253	0.0053327	0.00542692
32.0558618	36.281454	40.9596505	38.8944402	37.503548	35.3353446	35.7897565	35.7300685
0.05093491	0.076963	0.10778172	0.10949755	0.10974696	0.11158736	0.11347714	0.11555891
7.55972486	8.10946601	7.51849284	6.88226101	6.14271025	5.7677965	5.1768371	4.65717667
123.171696	127.695104	129.326693	128.281769	146.504387	147.049102	164.223882	181.736947
0.93917884	0.96750673	0.99351801	1.02013791	1.04864744	1.07710933	1.10663172	1.1354663
0.16300072	0.16504856	0.16704905	0.17230944	0.17417087	0.17598449	0.22726859	0.80115411
0.46582326	0.47959582	0.48709649	0.49162154	0.52529592	5.15162903	4.76222747	3.91452587
0.1937681	0.4733973	1.96035895	2.31116843	1.76746337	2.00975874	1.78603288	2.31506627
3.1297E-08	3.1298E-09	3.7557E-09	2.5037E-09	3.7557E-09	2.5037E-09	3.1298E-09	3.7557E-09
3.57214085	3.42747734	3.27111752	3.27239361	2.91596665	2.79338941	2.72097866	2.75215552
0.00261009	0.00269632	0.0027909	0.00273017	0.00298819	0.00337081	0.00356853	0.00365476
0.00293131	0.00302581	0.00304008	0.00301572	0.00303921	0.00303757	0.00312407	0.00302015
0.01700911	0.01681864	0.01664155	0.01647406	0.01537372	0.01515263	0.01586224	0.01626675
0.33948533	0.3811768	0.41508062	0.43578532	0.48173207	0.45076928	0.49923759	0.51097413
9.9654E-06	1.033E-05	1.4015E-05	1.17E-05	9.0361E-06	1.0336E-05	1.6644E-05	1.146E-05
0.00339087	0.00828273	0.00867184	0.00715884	0.00599545	0.00632942	0.00665626	0.00673096
7.02710635	6.93286272	6.78725264	6.87261901	7.09617711	7.23626254	7.48841969	7.18919348
61.9396396	58.2097313	56.3747714	55.7361071	54.705801	53.6492418	51.2951374	51.022907
0.00154094	0.00166908	0.00179187	0.00191251	0.00207764	0.00222321	0.00253148	0.00272542
0.0002729	0.0002877	0.0003076	0.00032979	0.00035447	0.00042135	0.00043493	0.00043921
0.02824829	0.02775511	0.02759591	0.02692106	0.02651081	0.02689941	0.02978915	0.02954251
0.50527111	0.50786713	0.52080328	0.53098843	0.54167656	0.55338109	0.56178738	0.57545586
30.2264958	39.990124	40.7534869	37.9540966	37.1441424	40.7653689	43.5532464	46.9336247
0.07887853	1.50381591	3.95552702	3.33486477	3.04183232	3.55570833	3.53436842	3.86644485
9.10742228	7.37528991	6.45964285	6.06419521	7.84203378	9.8031251	11.5661501	13.384972
0.18354884	0.18675121	0.19033841	0.19351413	0.19617844	0.19959025	0.20182173	0.20377834
3.76012624	3.84851513	3.47731546	3.56116488	3.57364907	3.56268646	3.97365986	3.78045629
0.00406972	0.00425257	0.00465329	0.00494013	0.00515891	0.00545656	0.00569609	0.00654229
1.15657961	1.17923055	1.20168134	1.22339642	1.24175916	1.26342543	1.27890599	1.29139511
0.01221013	0.01418877	0.01436555	0.01520418	0.01835412	0.02429493	0.02568212	0.02621481
0.00201348	0.00204588	0.00197875	0.00210236	0.00211513	0.00217732	0.00219073	0.00220246
8.5137E-05	8.7059E-05	9.0073E-05	8.9813E-05	9.0834E-05	0.00010717	0.00010769	0.00010973
25.2046168	22.7061082	19.6122467	17.8296906	17.874177	17.5718415	17.1925256	15.3160801
5.90414218	6.37834883	7.66197647	10.2307521	11.2859004	11.312149	11.1394053	10.4416388
58.3148995	46.6479725	51.1533812	42.4583989	49.2991215	47.1454351	45.6998022	45.4004298
0.09259114	0.09750607	0.10344808	0.10816898	0.11319715	0.11851535	0.12219386	0.12425954
0.55648056	0.55311207	0.54853503	0.69401573	0.70914577	0.72553657	0.74299938	0.76126748
0.03385345	0.03440976	0.03482466	0.034085	0.03456017	0.03393693	0.03561604	0.0352911
0.00171478	0.00172884	0.0016705	0.00158253	0.00154652	0.00178319	0.00176275	0.00168074
0.0045961	0.00468541	0.00482719	0.00466062	0.00493719	0.00496487	0.00523112	0.00551056
0.00623814	0.00637021	0.00657885	0.00670453	0.00699925	0.00730991	0.00819071	0.00826413

0.01017307	0.01008992	0.00667132	0.00661588	0.00656044	0.00975728	0.00967412	0.00959096
1.43150069	1.50541865	1.64105985	1.69774369	1.8466299	1.98984146	2.04794327	2.03591699
3.9862E-06	3.8738E-06	4.9465E-06	3.9001E-06	2.8535E-06	3.1008E-06	4.7553E-06	3.1255E-06
0.22362118	0.22585264	0.22801697	0.2293508	0.23256044	0.24244596	0.24571477	0.25649582
0.00127992	0.00131284	0.00131167	0.00124995	0.00124491	0.00151916	0.00172409	0.00172011
0.00339087	0.00336315	0.00333543	0.00330772	0.00328	0.00325228	0.00322456	0.00639412
0.00230471	0.00248358	0.00272766	0.00307117	0.00345208	0.00395374	0.00459454	0.00537147
0.02158949	0.02492581	0.02496551	0.02462047	0.0246676	0.0233386	0.02310853	0.02271075
0.41288703	0.41713396	0.42849197	0.44886192	0.4592691	0.49924737	0.50320181	0.52081808
1.56329146	1.57741596	1.59110011	1.6043412	1.62041876	1.63599737	1.65430564	1.67525273
2.01758137	2.02438478	2.15634426	2.19651146	2.16707597	2.25580388	2.32195519	3.11527493
26.1071543	30.7627095	37.0411165	37.3659337	35.9127182	41.1773468	46.1256562	44.6496199
31.2533039	32.5356514	31.9961943	34.5092648	37.6366124	37.7829148	37.6506136	37.3776538
0.16166786	0.15940914	0.15523847	0.15689866	0.15601267	0.1518017	0.14922119	0.13556118
110.610571	123.08357	143.127159	147.147013	131.113144	144.503975	138.377905	128.511176
69.5746213	60.3137498	83.1783891	80.9653487	92.9340074	99.4350777	96.2851979	105.917183
54.2506978	57.0840403	56.7767998	39.2298059	60.7069309	0.40771916	0.31480975	0.29085598
1.93726915	1.98443732	2.10502844	2.28589749	2.36503879	2.538438	2.55303586	2.6763617
0.0950414	0.09763083	0.09820793	0.09897834	0.09990395	0.09740472	0.09774513	0.09711031
0.00468015	0.00511281	0.00572818	0.00621741	0.00684084	0.00951987	0.00936838	0.01136254
26.1353198	22.7181849	21.2788533	18.7551789	16.8019683	17.406231	17.5529961	14.6978912
36.434724	36.746802	37.495636	37.3566952	38.1679203	39.4174072	39.1592937	38.9023289
2.13638793	2.19618346	2.25928464	2.32482597	2.39404612	2.46302374	2.53569777	2.61008921
0.37985532	0.39854712	0.42193165	0.43790655	0.46337922	0.49135609	0.51441008	0.53196975
0.01999534	0.02073937	0.02164499	0.02273297	0.02201877	0.02188767	0.02245536	0.02147202
0.00017303	0.00017135	0.0001632	0.00015562	0.00015504	0.00017737	0.00018748	0.00018861
5.3149E-06	5.165E-06	6.5953E-06	5.2001E-06	3.8047E-06	4.1345E-06	6.3404E-06	4.1673E-06
6.60823929	6.41975021	7.0436751	7.91895523	8.74795442	8.14671365	8.54282839	8.49556126
39.4570703	42.5048585	39.0848972	33.0655058	27.18833	27.8127249	25.5487397	27.9747346
0.01162075	0.01199903	0.01209564	0.01287102	0.01291379	0.01361921	0.01392908	0.01423395
0.01666753	0.01757597	0.02004212	0.02004158	0.01714847	0.01657716	0.01446126	0.01552687
0.01202229	0.01241159	0.01307469	0.01322417	0.01405365	0.01434864	0.01518307	0.01548077
95.5482767	78.5769089	76.5700109	54.0306326	52.5664228	68.9023464	72.9352656	70.0642491
0.00036014	0.00036918	0.00040878	0.00041495	0.00040908	0.0004792	0.00048245	0.00047968
0.0123879	0.01435539	0.01421979	0.01228066	0.01185689	0.01181024	0.0120064	0.01186811
0.0129657	0.01293976	0.01218797	0.01189501	0.01300193	0.01292096	0.01282749	0.01247314
0.05629111	0.06017109	0.06489471	0.06940125	0.07305404	0.07622049	0.07936636	0.08379681
0.00244151	0.00363606	0.00516152	0.00695963	0.00857443	0.00997481	0.01123003	0.01221153
0.01303477	0.01376401	0.01517742	0.01621621	0.01702435	0.01764871	0.01800595	0.01828599
0.0054713	0.00327805	0.00303298	0.00299259	0.0027791	0.00266061	0.00250952	0.00232136
0.31002837	0.35735122	0.37734568	0.37770227	0.41632617	0.439414	0.44942817	0.45314983
0.00534975	0.00575504	0.0062604	0.0066833	0.00679839	0.00665168	0.00613952	0.00519369
0.00414788	0.00503922	0.0051651	0.00482722	0.00618041	0.00438504	0.0036949	0.0031087
0.00053379	0.00054981	0.00054882	0.00058205	0.00058652	0.00061489	0.00062146	0.00061224
3.48677615	3.64688082	3.93892313	4.55074919	4.94276297	5.03405778	5.84087323	6.7313667
0.19013847	0.17831175	0.16879229	0.15866301	0.14956617	0.13746154	0.13156402	0.13082872
0.01139211	0.01165384	0.01191741	0.01193682	0.01227431	0.012433	0.01292697	0.01302772
1.44866555	1.48384047	1.50750551	1.51335498	1.53903776	1.58650904	1.62731699	1.64639041
0.20242365	0.18012572	0.21082424	0.22539613	0.26793484	0.29577676	0.35042647	0.40622036

1.26050862	1.24753324	1.25878122	1.26227557	1.32472424	1.29880098	1.18586311	1.09996379
0.01075294	0.01116105	0.01189262	0.0117888	0.01270472	0.01283779	0.01374444	0.0142436
0.00185538	0.00181672	0.00178589	0.00181366	0.00166412	0.00199861	0.00196863	0.00189495
0.01017324	0.01009008	0.01000692	0.00992376	0.0098406	0.00975744	0.00967428	0.00959112
0.06127232	0.06245852	0.06427954	0.06437705	0.06613604	0.06834994	0.07218968	0.07348573
1.70445842	2.02053305	2.00916903	1.90079283	2.17054545	3.08804064	3.36389315	3.88944435
0.00510078	0.00527092	0.00545184	0.00546444	0.00554735	0.00568845	0.0058317	0.00599505
0.00035791	0.00035776	0.00036125	0.00037569	0.00035122	0.00036965	0.0003751	0.0003774
					4.0252E-05	4.0252E-05	5.0315E-05
114.45347	136.029281	153.275412	168.027074	133.304887	154.859607	156.52407	141.649227
0.06485058	0.06457817	0.0680974	0.07096643	0.07739549	0.07710962	0.08011224	0.08166417
2.76607075	3.16648992	3.56465981	3.92918681	4.09416576	4.26719723	4.32595905	4.17277039
0.65256344	0.65717978	0.61446598	0.609305	0.58989652	0.66704352	0.64773278	0.78149242
0.01213707	0.0124331	0.01272912	0.01302515	0.01332118	0.01436395	0.01544402	0.01656139
0.3801886	0.39772861	0.39809288	0.29025789	0.28482425	0.35375054	0.38589504	0.56019624
7.17639189	6.97319933	7.24444681	7.17639189	8.46262985	9.07268035	8.39563748	7.80168663
2.20879605	2.21733589	2.2505024	2.26863147	2.23117701	2.18797853	2.69418543	2.59706018
0.03618143	0.03645945	0.03376669	0.032849	0.03749156	0.02773837	0.02721025	0.02313983
2.08743452	2.12305809	2.22882474	2.34933062	2.22467257	2.30555461	2.67023133	3.96549561
2.90341554	2.87920926	2.93231676	2.97409491	3.03103921	3.0839417	3.13990099	3.31477267
0.12813655	0.12813655	0.12813655	0.12813655	0.12813655	0.12813655	0.12813655	0.12813655
0.00392603	0.00367673	0.00369499	0.00391432	0.00400167	0.00414901	0.00429008	0.00426497
95.7563253	97.9580083	100.367614	102.657144	106.040586	108.231271	109.198153	115.966798
0.00912735	0.00920506	0.00910298	0.00873471	0.00861729	0.00855645	0.00898633	0.0094678
8.69531865	8.84431264	8.99214634	9.1573331	9.32883224	10.0204702	10.7370572	13.2448165
0.16333952	0.17029485	0.15872977	0.16284223	0.16049125	0.14765215	0.15021606	0.11409445
0.19546363	0.20349168	0.20819677	0.21543666	0.22012479	0.22738711	0.23496868	0.24247903
2.3473E-07	2.3474E-08	2.8168E-08	1.8778E-08	2.8168E-08	1.8778E-08	2.3474E-08	2.8168E-08
8.66537124	9.85901801	11.5474071	10.3688316	8.95461197	10.2279077	9.02230692	9.82658666
0.00545025	0.00514939	0.00483904	0.00459957	0.0042738	0.00428056	0.004304	0.0041241
11.8738963	12.1154596	12.5146438	12.7424577	12.9865648	13.0815148	13.1985228	12.890001
102.105546	106.764622	113.157004	117.789952	124.699037	132.45117	138.988661	145.289741
1.72392818	1.78870255	1.83653407	1.89573673	1.98138032	1.93718026	1.99628768	2.01211318
29.5083039	37.2135337	46.8786957	52.4140023	43.9211247	53.4623648	57.2035603	52.5378651
1.30108016	1.30078182	1.35450354	1.40556559	1.47232892	1.49312914	1.53418271	1.61443096
4.27246287	4.32105284	4.37447917	4.43301435	4.49484817	4.58179147	4.66965315	4.76065748
8.11802612	8.84183285	10.0256817	9.93537996	9.18374497	10.3178864	10.4489256	10.0256905
0.92013365	0.92003566	0.91938124	0.91810561	0.92062469	0.91952368	0.91883215	0.91726013
0.15381972	0.1884045	0.20797325	0.2180147	0.18913592	0.21363751	0.24834316	0.25298324
Cunha					1.5829E-10	3.2989E-10	3.4593E-10
0.0005605	0.00065859	0.00064704	0.0006464	0.00068892	0.0007021	0.00070857	0.00070946
0.03340978	0.03455498	0.03531269	0.03510172	0.03617506	0.0374465	0.0391871	0.04022976
0.01747812	0.01408011	0.01508592	0.01500911	0.01215861	0.01235448	0.01261093	0.01245242
0.07234449	0.07207629	0.07364803	0.08056043	0.07642343	0.07933365	0.07490115	0.07869628
1.3287E-05	1.2913E-05	1.6488E-05	1.3E-05	9.5117E-06	1.0336E-05	1.5851E-05	1.0418E-05
0.00081354	0.00084971	0.00087781	0.00088668	0.00090395	0.00090379	0.00094445	0.00095374
0.05289533	0.05534073	0.06573481	0.05685671	0.05515145	0.05005943	0.06940822	0.05262523
3.64694732	3.52184341	3.12534749	2.76144291	2.62612679	2.41199373	2.26243913	2.16681823
0.67236512	0.67676246	0.71082751	0.73596532	0.7763417	0.78243286	0.81703729	0.87641411
0.06220522	0.06364982	0.06848438	0.06569655	0.11615282	0.09769024	0.08933785	0.09498114
0.03391101	0.03363381	0.03335661	0.03638712	0.0360822	0.03902956	0.03869692	0.11841322

4.1166E-06	4.5221E-06	3.6916E-06	4.3291E-06	3.8875E-06	3.9536E-06	2.0756E-06	4.1027E-06
5.160742	5.71654861	5.40757726	6.26756327	9.33219389	9.79482745	8.90535099	9.68796483
2.4002E-05	2.3269E-05	3.1896E-05	3.1593E-05	3.1728E-05	3.7379E-05	3.7896E-05	3.8261E-05
0.04185154	0.0429571	0.04552384	0.04525791	0.04580069	0.04634142	0.04857406	0.04956193
0.41371176	0.42042	0.42696192	0.42672168	0.4329864	0.4390848	0.44501688	0.4521654
7.87333384	7.92734199	7.97694211	8.01775407	8.17014932	8.48258376	8.80455559	9.14230683
0.15434457	0.16141037	0.17013819	0.17640323	0.1856555	0.19731738	0.20727728	0.21534466
4.52819164	4.7505867	5.03005344	5.22645864	5.53504516	5.87442857	6.15829157	6.38127913

0.00024548	0.0002533	0.00025708	0.00026335	0.00031009	0.00026458	0.00026719	0.00026405
1.01395584	1.09294475	1.24765081	1.36318025	1.48776475	1.51201608	1.60285419	1.59956763
2.06818411	2.0172702	1.98622519	2.11403037	2.32930131	1.93648963	2.20730572	2.50224812
3.09290129	3.40421863	3.45298898	3.62165096	3.59745153	3.64970706	3.64667401	3.67189999
2.14314171	2.08804614	1.84573912	1.66362163	1.76234975	1.8764595	1.78224905	1.70922048
0.81219246	0.83631201	0.85636174	0.88283297	0.90483579	0.93148287	0.95599785	0.98388284
1.11566532	1.14690576	1.19415912	1.23054624	1.279278	1.32050688	1.36407348	1.438668
32.5488374	34.057208	36.0017655	37.3158671	39.3420348	41.645859	43.5214303	45.4765734
0.01382757	0.01338303	0.0135826	0.01371005	0.01474621	0.01440818	0.01428977	0.01508477
386.918064	396.747586	394.64818	379.709957	371.661259	371.528018	366.198285	362.909182
3.05665798	3.20683312	3.39665183	3.53108826	3.73912117	3.9682919	4.1609853	4.31509467
0.00025381	0.0002472	0.00027375	0.00029685	0.00031554	0.00037529	0.00038634	0.00039514
26.2285569	23.9754276	25.342386	22.6134911	18.0392247	17.8440465	17.5922635	17.0914479
1.707E-05	1.733E-05	2.2316E-05	2.1623E-05	2.1204E-05	2.4854E-05	2.5974E-05	2.8529E-05
1.98929558	1.55695728	2.00899225	2.46970651	3.01475899	3.21431343	3.4997514	3.42932139
0.00024261	0.0002548	0.00026431	0.00027533	0.00027499	0.00028824	0.00029377	0.00029743
0.00046781	0.00048041	0.00047352	0.00049801	0.0004936	0.00050299	0.00050602	0.00050068
0.14450727	0.1446541	0.14217394	0.14187084	0.13577132	0.13914096	0.14484762	0.14781169
13.7322356	13.536954	14.2753386	14.9360218	15.5440586	16.8769944	18.6132476	20.0859873
1.21146908	1.23987619	1.26978453	1.29238335	1.32200416	1.34705881	1.3699122	1.40044786
1.00680617	0.86062605	0.93389712	0.90369476	0.78991041	0.88862306	0.76357687	0.71414954
5.0124E-05	3.9104E-05	4.4224E-05	4.1258E-05	3.6439E-05	3.2394E-05	3.5616E-05	3.367E-05
0.00012077	8.2763E-05	8.5574E-05	9.7401E-05	0.00010362	0.00010507	0.00015062	0.00014793
0.00227263	0.00233021	0.00238023	0.00236284	0.0023724	0.00240963	0.00242833	0.00262736
1.2287E-07	1.3262E-07	1.1488E-07	1.2468E-07	1.3871E-07	1.4766E-07	1.5165E-07	1.6283E-07
0.00139642	0.00178096	0.00093691	0.00100255	0.00088589	0.00096994	0.0010866	0.00138111
0.00503481	0.00493013	0.00552782	0.00505507	0.00350512	0.00385293	0.00389345	0.00179308
0.00095211	0.00084788	0.000964	0.00083105	0.00112737	0.00159665	0.00390373	0.00424108
0.05058353	0.04694691	0.05231383	0.05198434	0.04832318	0.04717812	0.04843881	0.04949773
0.00233093	0.00248417	0.00263782	0.00277182	0.00287943	0.00298435	0.00310162	0.00321398
8.9558E-07	9.7264E-07	8.3169E-07	9.0867E-07	1.017E-06	1.1277E-06	1.1761E-06	1.2319E-06
0.11532379	0.11125345	0.11007276	0.12233329	0.12599008	0.127956	0.1334781	0.12847122
0.01317634	0.01323637	0.01424427	0.01544163	0.01411055	0.01493965	0.0152874	0.01835315
0.00537502	0.00569735	0.00606366	0.00638456	0.00669498	0.00681455	0.00701378	0.00722162
0.00091681	0.00100735	0.00104995	0.00101253	0.00108618	0.00118655	0.00120669	0.0013366
0.03860464	0.0389517	0.04628012	0.04395261	0.03722617	0.04281722	0.04277134	0.0420431
2.5782E-05	2.9159E-05	2.2406E-05	2.2406E-05	3.5913E-05	3.929E-05	3.5913E-05	2.9159E-05
0.00175695	0.00189845	0.00202736	0.00194915	0.00208862	0.00225001	0.00231047	0.0025042
0.00426691	0.00426691	0.00480804	0.0047606	0.00505019	0.00505576	0.00508339	0.00508842
0.01224993	0.01268917	0.01235195	0.01253108	0.0134695	0.0125456	0.01168537	0.02030548
0.00021095	0.00027045	0.0006897	0.00103176	0.00106815	0.00108776	0.0010866	0.00109388
0.00099463	0.0007894	0.00090379	0.00088958	0.00082759	0.0007512	0.00084942	0.00080082

0.00362017	0.00341974	0.00363668	0.00419475	0.00400844	0.00366563	0.00370964	0.0036621
0.00846525	0.00903598	0.00957761	0.01004362	0.01039283	0.01083735	0.01129487	0.01174953
0.00250666	0.00210042	0.00225616	0.00219226	0.00201618	0.00187299	0.00217403	0.00216506
1.2154E-06	1.32E-06	1.1287E-06	1.2332E-06	1.3802E-06	1.5305E-06	1.5961E-06	1.6718E-06
0.00267023	0.00344594	0.00395799	0.00379003	0.00434856	0.00552176	0.00590705	0.00608488
0.59795281	0.6725627	0.71181224	0.83071685	0.93546719	0.8802799	0.91107682	0.91204995
0.00039555	0.00034543	0.00037058	0.00036142	0.00034128	0.00032676	0.00034515	0.00033888
7.6381E-05	7.2744E-05	6.1832E-05	7.2744E-05	7.2744E-05	8.0019E-05	2.9098E-05	4.7283E-05
7.7234E-07	4.9147E-07	5.1431E-07	5.8099E-07	6.3631E-07	6.4851E-07	8.9268E-07	8.8104E-07
2.3503E-05	4.1748E-05	6.6601E-05	9.8061E-05	0.00016916	0.0004517	0.00086637	0.00081697
0.00047192	0.000518	0.00056691	0.0005668	0.00061101	0.00067282	0.00069393	0.00076237
0.27983234	0.28908999	0.31560498	0.3112668	0.24827902	0.24979526	0.25484246	0.27298278
0.01052506	0.01021428	0.0112082	0.01032916	0.00925289	0.00907017	0.00948161	0.01371982
0.01662798	0.01695783	0.01711199	0.01943036	0.01707036	0.01879687	0.0208762	0.02394734
1.02134146	1.07688404	1.09648399	1.10254563	1.29251845	1.33451696	1.51452221	1.64873506
0.00077274	0.00091613	0.00080342	0.00094732	0.00109668	0.00101318	0.00060044	0.0007107
0.00052861	0.00052861	0.00051848	0.00056384	0.00082775	0.00093003	0.00103861	0.00114813
0.04211556	0.04324229	0.04385661	0.04503174	0.04646159	0.04765052	0.04903993	0.0502941
0.00015533	0.00014858	0.00014858	0.00012494	0.00010806	0.00011143	0.00012156	7.7666E-05
4.6388E-07	5.8216E-07	5.5902E-07	6.6702E-07	5.8216E-07	5.6758E-07	1.0716E-06	1.0227E-06
0.03210317	0.02762364	0.01680483	0.01740114	0.03842543	0.03938012	0.04068794	0.04270199
2.479E-05	2.6543E-05	2.7871E-05	2.8117E-05	3.0488E-05	3.3158E-05	3.3228E-05	3.6664E-05
9.2286E-05	9.5329E-05	9.5764E-05	0.00010255	0.00010287	9.2106E-05	8.3594E-05	8.8182E-05
0.00571877	0.00621115	0.00636843	0.0060863	0.00634374	0.00645888	0.00692142	0.00733536
0.106627	0.09427424	0.09635396	0.10087929	0.10313879	0.10302456	0.10961422	0.12367371
2.3989E-07	2.779E-07	2.5248E-07	2.9207E-07	3.4504E-07	4.0276E-07	4.4104E-07	4.8395E-07
0.00043026	0.00057518	0.00056305	0.00035861	0.00045767	0.00062004	0.00070133	0.00071565
0.08650661	0.08099044	0.07826809	0.09087107	0.0910031	0.09210957	0.09712545	0.08386255
0.29678281	0.29260051	0.30410546	0.29975933	0.27979213	0.27920149	0.27346469	0.27589998
0.00035625	0.00036214	0.00035933	0.00039614	0.00039272	0.00033211	0.00029046	0.00030824
0.00039565	0.00029503	0.00033628	0.00032974	0.00028897	0.00025479	0.00028751	0.00027248
0.01138428	0.0136414	0.01353292	0.01151742	0.01299709	0.01463904	0.01534869	0.01632451
0.01957009	0.02045765	0.0204975	0.02115411	0.02105837	0.02218013	0.02168762	0.02226541
0.00099092	0.00154732	0.00180987	0.00171227	0.00164857	0.00180181	0.00193568	0.0021555
0.00564645	0.00606658	0.00576357	0.00723293	0.0076595	0.00790878	0.00799541	0.00841319
0.01031771	0.01162935	0.01014952	0.01146783	0.01326126	0.01558949	0.01541552	0.01481748
3.4853E-05	2.4062E-05	3.6706E-05	3.6045E-05	2.5319E-05	2.8829E-05	2.7832E-05	2.1667E-05
3.7539E-05	3.6901E-05	3.7343E-05	4.2788E-05	4.2318E-05	3.0466E-05	2.8699E-05	2.8392E-05
0.05523649	0.05446589	0.06192778	0.05561244	0.05381148	0.0564277	0.05864105	0.0542342
0.00402569	0.00429734	0.00455052	0.00476603	0.0049264	0.00514175	0.00535952	0.00558531
0.00026726	0.00021363	0.00027918	0.00027282	0.00022277	0.00023588	0.00024103	0.00023188
0.01925862	0.02230231	0.02335992	0.0216016	0.01952685	0.02016653	0.01964851	0.0244956
0.00098412	0.00098174	0.00098148	0.00098657	0.00098499	0.00098478	0.00100703	0.00100514
2.3604E-05	1.8196E-05	2.0809E-05	1.9596E-05	1.7424E-05	1.5667E-05	1.7857E-05	1.7089E-05
0.18841349	0.178148	0.17377983	0.17713402	0.15174037	0.15217293	0.15166562	0.14936632
0.00547583	0.00553456	0.00565236	0.00572539	0.00599863	0.0064709	0.0063998	0.00680502
0.23720987	0.20270326	0.21033274	0.18082999	0.1704712	0.15901601	0.15990085	0.14008658
0.00973721	0.01034487	0.0108858	0.0112995	0.01167676	0.01206616	0.01247227	0.01312982
0.00557288	0.00643704	0.00728015	0.00745257	0.00772967	0.00796975	0.00842442	0.00843874
0.00218188	0.00233845	0.0024447	0.00233188	0.00244662	0.00258466	0.00262028	0.00279604
0.00061646	0.00049015	0.00055111	0.00052282	0.00047215	0.00043115	0.00048236	0.00046445

9.7579E-05	0.00010397	0.00010881	0.00010891	0.00011553	0.0001167	0.00011561	0.00012839
0.00023476	0.00025853	0.00028093	0.0002811	0.00030871	0.0003496	0.00038183	0.00042583
							2.546E-05
0.0073624	0.00847548	0.00986463	0.01004925	0.0099514	0.01053664	0.01061791	0.01128106
1.2468E-06	1.255E-06	1.2399E-06	1.2482E-06	1.2598E-06	1.2716E-06	1.2768E-06	1.2828E-06
0.00580645	0.00631091	0.00682462	0.00762209	0.00856736	0.01097767	0.01074815	0.00961535
0.00088414	0.00065909	0.0007518	0.0006651	0.00060128	0.00056603	0.00067789	0.00065569
0.00792572	0.00800667	0.00832532	0.00817591	0.00838486	0.00859839	0.00711483	0.00885086
0.00285135	0.00268531	0.00227819	0.00383819	0.00321946	0.00411671	0.00494591	0.0050047
0.00528598	0.00550166	0.00550804	0.00593973	0.00611848	0.00630906	0.00684038	0.00714366
0.00354148	0.00334541	0.00355764	0.00410357	0.00392131	0.00358595	0.003629	0.0035825
0.00494427	0.00510698	0.00475138	0.00483281	0.00484437	0.00486615	0.00475325	0.00497873
0.01157706	0.01246066	0.01356663	0.01428466	0.01227045	0.0128879	0.01319288	0.01585388
0.01170501	0.01212693	0.01253865	0.01305693	0.01499088	0.01507502	0.01729777	0.02070728
0.6606065	0.6801282	0.71747812	0.74146481	0.76448371	0.77487146	0.7923143	0.73146294
0.00647552	0.00614562	0.00553624	0.00596109	0.0049394	0.00497204	0.00536089	0.00484832
0.00838521	0.00926233	0.01114288	0.01265112	0.01482845	0.01683666	0.01910371	0.01821954
0.00110362	0.00122843	0.00142682	0.00160274	0.00215761	0.00281796	0.00291567	0.00322542
0.00030398	0.00033758	0.00038798	0.00043546	0.00033714	0.00038689	0.00041106	0.00049506
0.00263677	0.00269491	0.0031294	0.00298971	0.0031849	0.00316779	0.00314671	0.0034462
0.09942287	0.1016127	0.10649289	0.11578624	0.10011291	0.1050348	0.10112231	0.09296451
0.01229469	0.01237826	0.01191384	0.01253588	0.01097158	0.0105123	0.01048388	0.01144
0.00016652	0.00015639	0.0002577	0.00018003	0.00020965	0.00024679	0.00026368	0.00040212
0.27279486	0.30032817	0.30231224	0.30494793	0.29027046	0.29257782	0.28457246	0.26791031
0.19362186	0.20562372	0.21581328	0.22323503	0.23017502	0.23801554	0.24585607	0.26007185
0.00320154	0.00346063	0.00356491	0.00363607	0.00368541	0.00392852	0.00418778	0.0042389
0.01605645	0.01703433	0.01784927	0.01842003	0.01898587	0.01959319	0.02020051	0.02142904
4.4069E-06	5.5305E-06	5.3107E-06	6.3367E-06	5.5305E-06	5.3921E-06	1.018E-05	9.7154E-06
4.6388E-07	5.8216E-07	5.5902E-07	6.6702E-07	5.8216E-07	5.6758E-07	1.0716E-06	1.0227E-06
6.3038E-05	6.3049E-05	6.3029E-05	6.304E-05	6.3056E-05	6.3072E-05	6.3078E-05	6.3086E-05
0.01994644	0.01898945	0.02295416	0.02390924	0.02480195	0.02827635	0.02797421	0.03113106
0.00151754	0.00166008	0.00176286	0.00166675	0.00152682	0.00163637	0.00173639	0.00182303
6.9582E-06	8.7324E-06	8.3853E-06	1.0005E-05	8.7324E-06	8.5138E-06	1.6073E-05	1.534E-05
0.00159789	0.00153716	0.00179394	0.00159913	0.00140665	0.00100923	0.0007526	0.0015021
0.00081595	0.000864	0.00089728	0.00086485	0.00085441	0.00077822	0.00095731	0.00102218
0.00032243	0.0005158	0.00051774	0.00062651	0.00067574	0.00093972	0.00102972	0.00129283
0.00027861	0.00021971	0.00026037	0.00025394	0.0002247	0.00020284	0.00023496	0.0002207
0.01502826	0.01526125	0.01553142	0.0150024	0.01589088	0.01570251	0.01571675	0.01676208
0.00039264	0.00042091	0.00042842	0.00041184	0.00045385	0.00048952	0.00048812	0.00052255
0.00571695	0.0061003	0.00646569	0.00677951	0.00701805	0.0073109	0.00761501	0.00792121
0.00495309	0.00543617	0.00616616	0.00798471	0.00664612	0.00773644	0.00689207	0.01007896
0.00236526	0.00252209	0.00267136	0.00279827	0.00289741	0.00301335	0.00313487	0.00326411
7.4221E-06	9.3146E-06	8.9443E-06	1.0672E-05	9.3146E-06	9.0813E-06	1.7145E-05	1.6363E-05
0.00274519	0.00292747	0.00330494	0.00388367	0.00365332	0.00395979	0.00440195	0.00473814
0.00260185	0.00275841	0.00289577	0.00299536	0.0030964	0.00318413	0.00327856	0.00346477
0.00242481	0.00266337	0.00255081	0.00292209	0.00289521	0.00274989	0.00280953	0.00294141
2.3194E-07	2.9108E-07	2.7951E-07	3.3351E-07	2.9108E-07	2.8379E-07	5.3578E-07	5.1133E-07
0.07284406	0.07517334	0.08215127	0.08816394	0.08830133	0.09130804	0.09220365	0.10584191
0.00105138	0.00099317	0.00105618	0.00121826	0.00116415	0.00106459	0.00107737	0.00106356
0.00074413	0.0008026	0.00086357	0.00085722	0.00088779	0.00093018	0.00093079	0.0010249



0.00277622	0.00221904	0.00137591	0.00208678	0.00268476	0.0026147	0.00279522	0.00297214
0.00518623	0.00311354	0.00329087	0.00369442	0.0041427	0.00423885	0.00564601	0.00559514
0.02772387	0.02721188	0.02723085	0.02671512	0.02579931	0.02528105	0.02397763	0.02323684
0.00034407	0.0003668	0.0003848	0.00038945	0.0004151	0.00040601	0.00039451	0.00042521
0.00038482	0.00030067	0.0003412	0.0003224	0.0002887	0.00026146	0.00029563	0.00028373
0.00969037	0.00958455	0.00943755	0.00932611	0.00929419	0.00906914	0.0089678	0.00883426
0.00164197	0.00175808	0.00183514	0.00181672	0.00197646	0.00201642	0.00197933	0.00204955
0.04649446	0.01155727	0.011162	0.01261884	0.01264617	0.01318542	0.01271549	0.01352659
0.00044348	0.00045804	0.00046256	0.00049511	0.00049777	0.00044947	0.00040916	0.00043869
0.00015293	0.00010653	0.00010987	0.00012526	0.00013242	0.00013413	0.00019396	0.00019031
1.7144E-05	1.7144E-05	2.0521E-05	2.0521E-05	2.0521E-05	1.3768E-05	1.3768E-05	1.7144E-05
0.01665355	0.01773528	0.01910175	0.02106839	0.02036149	0.02216702	0.0236885	0.0235295
0.00588135	0.005616	0.00611642	0.00654626	0.00711004	0.00807416	0.00813525	0.00784246
0.01975099	0.02060414	0.02126709	0.02003289	0.01476804	0.01646377	0.01625429	0.01797628
0.01264006	0.01367924	0.01485159	0.01619906	0.01521583	0.02218231	0.02167209	0.02250723
0.0005672	0.00068352	0.00107261	0.00106652	0.00085929	0.0006021	0.00075118	0.00077091
0.00889444	0.00964824	0.00946752	0.01402914	0.01436713	0.0146835	0.01559883	0.01816268
2.2075E-05	2.5754E-05	3.3113E-05	4.415E-05	5.5188E-05	4.0471E-05	4.415E-05	4.783E-05
0.05202571	0.05442882	0.05548216	0.0567713	0.05861889	0.05918408	0.06140333	0.06153072
0.00225692	0.00210343	0.00218719	0.0028528	0.00318034	0.00381205	0.0042005	0.00450615
0.01711458	0.01740348	0.01802706	0.01831322	0.01949585	0.0196018	0.01975535	0.01986491
0.01055532	0.01135619	0.01224833	0.01173251	0.01338602	0.0131608	0.01340115	0.01528036
0.00019095	0.00019095	0.00019095	0.00019095	0.00019095	0.00019095	0.00019095	0.00019095
9.8415E-05	0.00010551	0.00010412	0.0001106	0.00010551	0.00010464	0.00013488	0.00013194
0.09932887	0.10325718	0.10637316	0.10650647	0.11098767	0.11353882	0.12594093	0.11666165
0.00287102	0.00287535	0.00244143	0.001985	0.00167334	0.00175783	0.002497	0.00224683
0.10130983	0.10290296	0.10252271	0.10264674	0.1011985	0.11274522	0.12109408	0.15992645
0.01980044	0.01903705	0.01901095	0.01968402	0.01964328	0.01995178	0.02153932	0.02332091
0.01919543	0.01928675	0.02138163	0.02112433	0.0191936	0.02095189	0.02122843	0.02393221
3.4791E-06	4.3662E-06	4.1927E-06	5.0027E-06	4.3662E-06	4.2569E-06	8.0367E-06	7.67E-06
0.00040748	0.00044911	0.00067478	0.00054482	0.0009917	0.0006746	0.00070633	0.00056161
0.00063779	0.00064012	0.00063864	0.00065395	0.00065181	0.00062638	0.00062966	0.00063726
0.0231698	0.02128241	0.02261488	0.02384325	0.03519285	0.03545512	0.03902881	0.04261862
0.19559939	0.20810983	0.21972099	0.22911968	0.23713344	0.24555108	0.25447598	0.26634831
2.9311E-05	2.9311E-05	2.9311E-05	5.1991E-05	5.5508E-05	6.2651E-05	6.6167E-05	6.6167E-05
0.00213414	0.00249208	0.00398125	0.00427165	0.00452829	0.00426152	0.00596681	0.01221726
0.00688938	0.00650795	0.00692081	0.00798284	0.00762829	0.0069759	0.00705965	0.00696917
0.02436016	0.02503101	0.0263804	0.02664045	0.02636948	0.02771725	0.02848499	0.0283242
0.00037072	0.00036562	0.00040078	0.00050374	0.00037025	0.00053126	0.00058912	0.00042321
0.00049236	0.00035532	0.0004454	0.00059616	0.00063996	0.00077675	0.00082595	0.00091445
1.2767E-06	7.7784E-07	1.0112E-06	1.1404E-06	8.1433E-07	2.0446E-07	3.7157E-07	6.897E-07
1.6236E-06	2.0376E-06	1.9566E-06	2.3346E-06	2.0376E-06	1.9865E-06	3.7504E-06	3.5793E-06
0.00136743	0.00146014	0.00150938	0.00143701	0.00149623	0.00160468	0.00160376	0.00173594
0.00509095	0.00561848	0.00576048	0.00650372	0.00704597	0.00696256	0.00764613	0.00775194
0.00117496	0.0012448	0.00131956	0.00138293	0.00140728	0.00150834	0.00148968	0.0016449
2.2356E-05	1.7327E-05	1.9722E-05	1.8614E-05	1.6621E-05	1.5015E-05	1.7078E-05	1.6378E-05
1.8686E-05	2.0077E-05	2.0892E-05	2.1215E-05	2.2104E-05	2.2349E-05	2.1924E-05	2.3966E-05
0.00204029	0.00151085	0.00176903	0.00156607	0.00149909	0.00164908	0.00174369	0.0016592
0.0247175	0.02571678	0.02821262	0.02628648	0.02993159	0.02794617	0.02703099	0.02993565
0.00210149	0.00198514	0.00211108	0.00243504	0.00232689	0.00212789	0.00215343	0.00212583

0.12148017	0.12150642	0.13945943	0.14111129	0.14482465	0.13948386	0.13062827	0.13829514
0.00144883	0.00148747	0.00144379	0.00152275	0.00158185	0.00158772	0.00162048	0.00210617
5.2764E-05	5.3528E-05	5.3E-05	5.8476E-05	5.7806E-05	4.8472E-05	4.1947E-05	4.4277E-05
0.00181322	0.00104384	0.00086816	0.00323652	0.00363829	0.00401186	0.00454036	0.0044326
6.7862E-06	4.9267E-06	6.4367E-06	6.0644E-06	5.3972E-06	4.8578E-06	5.5344E-06	5.2988E-06
0.00088557	0.00095587	0.00102939	0.0009953	0.00104552	0.00113135	0.00115767	0.00126334
1.2275E-05	1.2275E-05	1.2275E-05	1.2275E-05	1.2275E-05	1.2275E-05	1.2275E-05	1.2275E-05
0.05394259	0.05295847	0.05318075	0.0644142	0.04369802	0.05553605	0.06640906	0.05605539
0.00015727	0.00016571	0.00017681	0.00018658	0.00019765	0.00019724	0.00020079	0.00020523
4.6388E-07	5.8216E-07	5.5902E-07	6.6702E-07	5.8216E-07	5.6758E-07	1.0716E-06	1.0227E-06
0.00015165	0.00016463	0.00017291	0.00020657	0.00018837	0.00016632	0.00024872	0.00021381
0.00112187	0.00125483	0.0012689	0.00145202	0.0014749	0.00139064	0.00155471	0.00161743
0.00744715	0.00962993	0.01100744	0.01089326	0.01306239	0.0148098	0.01519444	0.01733155
0.02720232	0.02943997	0.02892751	0.02660311	0.02623125	0.02831659	0.02971688	0.03514959
0.01499531	0.01552204	0.01615532	0.0166278	0.0171277	0.0178014	0.0183729	0.01913953
0.01372964	0.01270484	0.01064995	0.00758299	0.00618787	0.00678602	0.00801453	0.00757408
0.17074743	0.18132889	0.19080905	0.19804424	0.20476707	0.21132692	0.21827557	0.22975627
0.0034374	0.00382443	0.00372123	0.00373835	0.00429557	0.00457048	0.00495388	0.00522426
1.87654264	1.95115769	1.96606535	1.88719703	1.69666068	1.82391653	1.99771917	2.07251361
0.00055537	0.00059367	0.00062959	0.00066083	0.00068289	0.00071492	0.00074695	0.00077667
0.00042128	0.00031066	0.00036473	0.00035172	0.00031862	0.00028413	0.00031776	0.00029529
0.01826792	0.01947542	0.01945385	0.02025984	0.01950012	0.02063126	0.02053564	0.01902497
1.9235E-05	1.4927E-05	1.7736E-05	1.6587E-05	1.4731E-05	1.3256E-05	1.5298E-05	1.5203E-05
0.06684382	0.0683953	0.06999802	0.07163908	0.07332806	0.07507764	0.0767486	0.07847953
1.8555E-06	2.3286E-06	2.2361E-06	2.6681E-06	2.3286E-06	2.2703E-06	4.2862E-06	4.0907E-06
6.994E-06	7.408E-06	7.327E-06	7.705E-06	7.408E-06	7.3569E-06	9.1208E-06	8.9497E-06
0.12309084	0.12594906	0.14212931	0.14490679	0.16052274	0.18012262	0.18417011	0.18306892
0.0205626	0.02174433	0.02225588	0.02185444	0.02253383	0.0226882	0.02234777	0.02283753
0.00970598	0.00841113	0.0107775	0.00826633	0.00877681	0.00927538	0.00897089	0.00971977
1.454E-05	2.5002E-05	2.4408E-05	2.4859E-05	3.3986E-05	2.8875E-05	3.7442E-05	3.4175E-05
6.4995E-05	0.00013119	0.00019524	0.00023066	0.00023501	0.0002689	0.00041597	0.00030591
0.0001504	0.00017312	0.00018358	0.00039753	0.00037781	0.00037159	0.00037159	0.00037159
4.693E-07	4.758E-07	4.7939E-07	4.9082E-07	5.2464E-07	5.7205E-07	4.9333E-07	5.9501E-07
0.0002009	0.00021359	0.00021721	0.00021911	0.00020335	0.00020671	0.00020528	0.00022774
0.00050009	0.00054645	0.00057973	0.00059437	0.00060608	0.00061193	0.00060608	0.00061779
7.4794E-05	0.00017207	0.00099462	0.00114309	0.00183007	0.00252914	0.00336125	0.004869
0.01627047	0.01871769	0.01488608	0.0152365	0.01555244	0.01591517	0.01826771	0.01597616
0.00088694	0.000968	0.00111909	0.00122159	0.00133688	0.00142789	0.00150124	0.00157981
5.6141E-05	6.5803E-05	6.7129E-05	5.6473E-05	7.6299E-05	6.9201E-05	7.318E-05	7.7127E-05
0.01443478	0.01579632	0.01644749	0.02241544	0.02396895	0.02485136	0.02675593	0.02570185
0.006058	0.00610185	0.00563517	0.00504795	0.00470211	0.00615077	0.00586671	0.00647592
0.00285538	0.00304842	0.00336164	0.0037233	0.00399017	0.00429757	0.00452304	0.00476993
2.5621E-07	3.2026E-07	3.2026E-07	2.8823E-07	4.1404E-07	6.4892E-06	6.2902E-06	6.5029E-06
0.01988372	0.02165456	0.02441954	0.02471995	0.01883362	0.02004694	0.0187517	0.02169635
		2.52E-05	7.2744E-06	7.2744E-06	7.2744E-06	1.4289E-05	1.4289E-05
1.098E-06	1.3725E-06	1.3725E-06	1.2353E-06	1.7745E-06	2.7811E-05	2.6958E-05	2.787E-05
0.00053261	0.00053261	0.00081116	0.00075226	0.00065648	0.00069581	0.00077619	0.00094719
0.0051961	0.0055652	0.005508	0.00598509	0.00663391	0.00676368	0.0078466	0.00930972

0.00060752	0.00062778	0.00070671	0.00081215	0.00130754	0.001767	0.00205819	0.00232552
0.00057454	0.00067989	0.00068957	0.00058215	0.00078425	0.00070778	0.0007517	0.00078681
0.00076591	0.00082395	0.00089773	0.00088773	0.00099042	0.00118011	0.00121314	0.00134414
0.00793269	0.00860522	0.00982026	0.01104814	0.01203579	0.01284735	0.01347559	0.01418964
4.5283E-05	5.9594E-05	5.6745E-05	4.9788E-05	6.4986E-05	5.5402E-05	6.184E-05	5.971E-05
0.00010755	0.00014153	0.00013477	0.00011825	0.00015434	0.00013158	0.00014687	0.00014181
0.00037723	0.00046302	0.00047026	0.00048477	0.00059752	0.00066732	0.00073356	0.00075676
0.00798579	0.00783334	0.00774044	0.00781585	0.00840272	0.00836399	0.01108262	0.01300146
0.00018892	0.00024891	0.00023685	0.0002079	0.00027127	0.00019233	0.00022109	0.00020326
0.00027936	0.00027936	0.00030965	0.00031329	0.00031329	0.00031329	0.00037339	0.00037339
5.2548E-06	5.4052E-06	5.5738E-06	5.7413E-06	6.509E-06	6.6764E-06	7.2003E-06	8.1619E-06
4.9619E-05	6.3045E-05	8.4873E-05	0.00024854	0.00027214	0.00020658	0.00014299	0.00020603
3.6601E-07	4.5751E-07	4.5751E-07	4.1176E-07	5.9149E-07	9.2702E-06	8.986E-06	9.2899E-06
0.02226185	0.02381496	0.02612816	0.02474249	0.024872	0.02510943	0.02711961	0.02554896
0.00039319	0.00051263	0.00044346	0.00034034	0.00039133	0.00043072	0.00039633	0.00478537
0.00375602	0.0035679	0.00308373	0.00291492	0.00252109	0.00298213	0.00315205	0.00346959
0.03405659	0.04229155	0.0490612	0.04543656	0.05533243	0.05890236	0.06319068	0.07527502
0.00031601	0.00031554	0.00044898	0.00035525	0.00032726	0.00040324	0.00050298	0.00062158
3.6372E-05	4.3646E-05	4.7283E-05	5.0921E-05	5.0921E-05	5.8195E-05	6.5469E-05	7.2744E-05
3.0391E-05	3.0391E-05	2.7014E-05	3.0391E-05	3.3768E-05	0.00013535	0.00012808	0.00013197
4.5763E-05	4.5814E-05	6.4075E-05	6.0891E-05	6.4226E-05	7.1299E-05	8.5017E-05	8.752E-05
1.8256E-06	3.7162E-06	5.5469E-06	6.559E-06	6.6773E-06	7.6449E-06	1.1847E-05	8.6966E-06
0.00244113	0.00199895	0.00229421	0.00249761	0.00409599	0.00444413	0.00458435	0.00466564
1.098E-07	1.3725E-07	1.3725E-07	1.2353E-07	1.7745E-07	2.7811E-06	2.6958E-06	2.787E-06
7.15E-07	8.9374E-07	8.9374E-07	8.0437E-07	1.1617E-06	1.8837E-05	1.8214E-05	1.8995E-05
0.00020589	0.00018047	0.00023655	0.00026265	0.00028689	0.00026729	0.00050147	0.00046403
0.01779568	0.01441375	0.01597986	0.01657467	0.0179645	0.01868051	0.01983961	0.02234813
2.1227E-05	2.9797E-05	3.0146E-05	2.8006E-05	3.8585E-05	3.4626E-05	4.0583E-05	4.105E-05
0.00018547	0.00021594	0.00022938	0.0002007	0.00018995	0.00021235	0.00022669	0.00024461
0.00964093	0.01054944	0.01098684	0.01128409	0.01222532	0.01323065	0.01393284	0.01524216
0.12169309	0.13090912	0.14483077	0.17139644	0.16809528	0.18184239	0.17913996	0.18974782
3.6601E-06	4.5751E-06	4.5751E-06	4.1176E-06	5.9149E-06	9.2702E-05	8.986E-05	9.2899E-05
5.6604E-06	7.4492E-06	7.0931E-06	6.2235E-06	8.1232E-06	6.9252E-06	7.73E-06	7.4637E-06
0.01399879	0.01280357	0.01259689	0.01195719	0.01310329	0.01378948	0.01429132	0.01386537
0.00243382	0.00269741	0.00259669	0.00316933	0.00359701	0.00348126	0.00346982	0.00338478
0.00156082	0.00162983	0.00124161	0.00152203	0.00228071	0.00281105	0.00319098	0.00459254
0.00046052	0.00050775	0.00061617	0.00070596	0.00081956	0.00118759	0.00139124	0.0015395
0.00074853	0.00071207	0.00072118	0.00076676	0.00094908	0.0011728	0.00179974	0.00214816
0.00012231	0.00012717	0.00013735	0.00012847	0.00012743	0.00011906	9.4697E-05	8.9584E-05
1.8101E-07	2.1693E-07	2.1693E-07	2.0496E-07	2.9989E-07	5.9978E-06	5.6648E-06	6.2946E-06
0.00692926	0.00768191	0.00894623	0.0110153	0.01302641	0.0168565	0.01452038	0.01412847
0.00956805	0.01073719	0.0131173	0.01526848	0.01711066	0.01809489	0.01899016	0.01993643
0.0001325	0.0001325	9.8204E-05	8.9631E-05	8.3396E-05	7.794E-05	7.0146E-05	6.391E-05
0.00388726	0.00375771	0.00441311	0.00392915	0.00452849	0.00751677	0.007026	0.00779887
6.483E-05	0.00013195	0.00019692	0.00023286	0.00023706	0.00027142	0.00042059	0.00030877
2.2642E-06	2.9797E-06	2.8372E-06	2.4894E-06	3.2493E-06	2.7701E-06	3.092E-06	2.9855E-06
0.0486151	0.05636862	0.05887011	0.05308693	0.05116816	0.05451023	0.05059936	0.05437849
8.5075E-05	9.5285E-05	0.0001198	6.8698E-05	8.2625E-05	0.0001211	5.2446E-05	5.2446E-05
0.06370397	0.06726081	0.06726069	0.06542055	0.05832431	0.05839103	0.05989108	0.06050802
0.00360169	0.00397376	0.00469524	0.00537587	0.00594459	0.00631231	0.00662099	0.00696098
4.0009E-05	4.3646E-05	4.3646E-05	2.9098E-05	3.6372E-05	4.3646E-05	4.7283E-05	4.7283E-05

3.7615E-05	3.7834E-05	3.7397E-05	3.7178E-05	4.0538E-05	4.3898E-05	4.0538E-05	4.0538E-05
2.0496E-06	2.5621E-06	2.5621E-06	2.3058E-06	3.2256E-06	4.1765E-05	4.1128E-05	4.2396E-05
9.9057E-05	0.00013036	0.00012413	0.00010891	0.00014216	0.00012119	0.00013528	0.00013061
4.0261E-07	5.0326E-07	5.0326E-07	4.5293E-07	6.5064E-07	1.0197E-05	9.8846E-06	1.0219E-05
2.196E-07	2.7451E-07	2.7451E-07	2.4706E-07	3.5489E-07	5.5621E-06	5.3916E-06	5.5739E-06
1.0912E-05	1.0912E-05	7.2744E-06	1.0912E-05	7.2744E-06	1.0912E-05	1.0912E-05	1.8186E-05
0.00288262	0.00354437	0.00422257	0.00417672	0.00467463	0.00533093	0.00552185	0.00583295
8.4906E-06	1.1174E-05	1.064E-05	9.3353E-06	1.2185E-05	1.0388E-05	1.1595E-05	1.1196E-05

0.00072251	0.00094059	0.00115377	0.0011231	0.00151683	0.00202707	0.00219037	0.00193828
7.0755E-05	9.3115E-05	8.8663E-05	7.7794E-05	0.00010154	8.6565E-05	9.6625E-05	9.3296E-05
0.0023639	0.00241066	0.00241775	0.00245115	0.00259609	0.00300533	0.00244834	0.00293696
0.0012798	0.00139686	0.00162902	0.00173159	0.00182404	0.0019915	0.00222778	0.00258172
0.00015276	0.00011639	0.00012366	0.0001182	0.00013794	0.00017665	0.00024498	0.00011457
0.00041964	0.00049619	0.00070163	0.00055708	0.00078356	0.00114899	0.00130883	0.00163061
0.00013325	8.6228E-05	7.8953E-05	8.259E-05	8.259E-05	8.6228E-05	0.00011169	0.00011143
0.00626214	0.00679873	0.00747796	0.00828879	0.00926076	0.01017682	0.01051726	0.01133005
0.00225586	0.00242437	0.00284382	0.00282261	0.00344026	0.00431208	0.0051609	0.00529498
0.01217337	0.01397241	0.01394003	0.01545802	0.01697634	0.01824428	0.01823009	0.01793015
0.0020428	0.00200777	0.00186025	0.00212395	0.00199081	0.00210339	0.00214724	0.00229758
0.00436641	0.00454902	0.00512219	0.00574113	0.00644112	0.0075288	0.00997869	0.01184497
0.0016486	0.00189742	0.00317266	0.00295777	0.0036442	0.00486361	0.00372019	0.00447151
3.5784E-05	3.9362E-05	6.799E-05	6.4411E-05	6.799E-05	5.0098E-05	5.0098E-05	4.2941E-05
0.00192767	0.00295792	0.00321347	0.00376684	0.00400139	0.00409485	0.00451858	0.00481097
0.02716801	0.02947293	0.03176765	0.03414395	0.03139599	0.03409266	0.0332193	0.03424266
0.00146885	0.00152475	0.00157939	0.00150276	0.00142563	0.00138356	0.00139312	0.00137523
0.00024106	0.00029639	0.00033406	0.0003577	0.00040497	0.00061177	0.00057009	0.0006029
0.09981841	0.11415393	0.15672899	0.15907526	0.15869535	0.1554479	0.18032943	0.17771061
0.01513385	0.01610502	0.0174781	0.01840386	0.01955644	0.02003699	0.01988018	0.02108239
0.0012885	0.00117163	0.00129901	0.00130628	0.00134659	0.00147764	0.0014536	0.00147881
0.00059255	0.00061635	0.00063701	0.00066586	0.00068857	0.00073198	0.00074912	0.00079486
3.4785E-05	4.3591E-05	5.2019E-05	5.75E-05	6.057E-05	6.6478E-05	7.7795E-05	7.5468E-05
1.8275E-06	3.7181E-06	5.5486E-06	6.5607E-06	6.6792E-06	7.6471E-06	1.1849E-05	8.6993E-06
1.1321E-05	1.4898E-05	1.4186E-05	1.2447E-05	1.6246E-05	1.385E-05	1.546E-05	1.4927E-05
0.00295909	0.00337922	0.00412129	0.00462518	0.00627055	0.00679932	0.01149997	0.01290284
0.00263014	0.00307957	0.00316131	0.0033023	0.00382052	0.00431068	0.00503595	0.00588736
3.5898E-05	6.4201E-05	9.1562E-05	0.00010674	0.00010996	0.00012471	0.00018769	0.00014203
0.00015128	0.00020891	0.0003719	0.00032687	0.0003927	0.00044863	0.00050456	0.00054603
4.7581E-06	5.9476E-06	5.9476E-06	5.3529E-06	7.6893E-06	0.00012051	0.00011682	0.00012077
0.00040365	0.00117835	0.0016131	0.00209304	0.00278247	0.00330337	0.00359328	0.00384764
2.2642E-05	2.9797E-05	2.8372E-05	2.4894E-05	3.2493E-05	2.7701E-05	3.092E-05	2.9855E-05
2.622E-05	0.00005334	0.00012476	2.8921E-05	1.808E-05	2.622E-05	3.1067E-05	1.6884E-05
3.6601E-07	4.5751E-07	4.5751E-07	4.1176E-07	5.9149E-07	9.2702E-06	8.986E-06	9.2899E-06
0.00193274	0.00208026	0.00233496	0.00260855	0.00281951	0.00302414	0.003179	0.00334979
0.00044767	0.00045936	0.00048339	0.00040501	0.00034074	0.00036309	0.00094927	0.00097178
0.0020593	0.00224132	0.00257377	0.00289726	0.00316473	0.0033643	0.00351705	0.00370335
2.9232E-05	5.948E-05	8.8795E-05	0.00010498	0.00010687	0.00012234	0.00018955	0.00012222
0.00052223	0.00047522	0.00098972	0.00102392	0.0009458	0.00123284	0.0013788	0.00138705
0.00196103	0.00208148	0.00225843	0.00244284	0.00259624	0.00275424	0.00284298	0.00300534
0.00022912	0.00025093	0.00020366	0.00019275	0.00028003	0.00022548	0.00022548	0.00032003
9.2704E-07	1.8724E-06	2.7874E-06	3.2935E-06	3.3552E-06	3.8395E-06	5.9404E-06	4.3678E-06

0.00688922	0.00827921	0.00925298	0.01027831	0.01416666	0.01344794	0.013469	0.01654977
0.00040434	0.00043503	0.00047412	0.0004688	0.00052297	0.00062331	0.00064095	0.00071028
1.098E-06	1.3725E-06	1.3725E-06	1.2353E-06	1.7745E-06	2.7811E-05	2.6958E-05	2.787E-05
0.00011335	0.00017254	0.00013843	0.00013041	0.00012038	0.00014044	0.00015047	0.00019361
0.00020234	0.00028729	0.00027388	0.00028569	0.00045642	0.00065085	0.00061819	0.0007109
0.00011164	0.00022508	0.00033488	0.00039561	0.00040313	0.00046126	0.00071367	0.00052521
0.00196397	0.00198218	0.00187955	0.00178633	0.00153572	0.00145263	0.00149653	0.00139993
1.5372E-06	1.9215E-06	1.9215E-06	1.7294E-06	2.4842E-06	3.8935E-05	3.7741E-05	3.9017E-05
7.9706E-05	8.8231E-05	9.3236E-05	7.6801E-05	0.00010558	9.8579E-05	0.00010165	0.00011149
0.00039451	0.00036763	0.0003912	0.00043172	0.00034439	0.00047893	0.00049614	0.00052984
1.098E-06	1.3725E-06	1.3725E-06	1.2353E-06	1.7745E-06	2.7811E-05	2.6958E-05	2.787E-05
0.00085646	0.00105995	0.00127128	0.00129987	0.00158748	0.00190503	0.00243236	0.00351625
3.6601E-06	4.5751E-06	4.5751E-06	4.1176E-06	5.9149E-06	9.2702E-05	8.986E-05	9.2899E-05
7.0874E-05	0.00012079	0.00016614	0.00019719	0.00021294	0.00025014	0.00033793	0.00029154
4.3646E-05	5.0921E-05	5.8195E-05	6.1832E-05	6.1832E-05	7.6381E-05	8.7293E-05	9.8204E-05
0.00069517	0.00099112	0.00112765	0.0013702	0.00175853	0.00236862	0.00228391	0.0020407
0.00040333	0.00038291	0.00034215	0.00043622	0.00050287	0.00059032	0.00070401	0.00066281
0.01842762	0.01994281	0.01980355	0.01881007	0.02508207	0.0251615	0.02635665	0.03075863
0.00025042	0.0001626	0.00013286	4.3923E-05	7.6075E-05	9.6428E-05	0.00020132	0.00011972
3.2735E-05	3.2735E-05	3.2735E-05	3.2735E-05	3.2735E-05	3.2735E-05	3.6372E-05	3.6372E-05
0.00059223	0.00101356	0.00160274	0.00389318	0.00328391	0.00444427	0.0051425	0.00473945
1.4549E-05	2.9098E-05	5.0921E-05	9.8204E-05	0.00016367	0.0002837	0.00043283	0.0006387
0.00195815	0.00201424	0.00204762	0.00248635	0.0034481	0.00286717	0.00352861	0.00310092
0.000542	0.00054457	0.00061609	0.00073809	0.00081671	0.00089153	0.00091005	0.00078884
0.00352218	0.00366653	0.00390612	0.00432919	0.00430423	0.0042813	0.00442074	0.00420795
0.00280638	0.00284109	0.00376563	0.00372199	0.004315	0.00441319	0.00589106	0.00591394
0.00047197	0.00047197	0.00047197	0.00047197	0.00047197	0.00047197	0.00047197	0.00047197
9.356E-05	0.00015668	0.00021612	0.0002552	0.00025689	0.00030118	0.00039936	0.00035204
0.04282559	0.04795996	0.04997992	0.05353123	0.05548624	0.05525361	0.06343194	0.065262
0.02606699	0.03299827	0.0380257	0.0360989	0.03442898	0.03805971	0.04259015	0.04350425
0.00164736	0.00190389	0.00209167	0.00228674	0.00241599	0.00258315	0.0027966	0.00283007
0.00351525	0.00202993	0.00273828	0.00243053	0.00349611	0.00371012	0.0031302	0.00317066
0.00134009	0.00134742	0.00139766	0.00157536	0.00107297	0.00105398	0.00132875	0.00165739
1.3697E-05	2.7876E-05	4.1606E-05	4.9197E-05	5.0084E-05	5.7342E-05	8.8856E-05	6.523E-05
0.0016779	0.00192606	0.0028	0.00240907	0.00404135	0.00139216	0.00231638	0.00240103
1.5738E-06	1.9673E-06	1.9673E-06	1.7706E-06	2.5434E-06	3.9862E-05	3.864E-05	3.9946E-05
0.01902113	0.01979803	0.02088323	0.02182401	0.02036328	0.02174514	0.02087182	0.01993556
0.18174194	0.19131217	0.20381216	0.21770193	0.22908476	0.24334014	0.2524044	0.2669846
0.00191633	0.00228005	0.00276139	0.00366989	0.00406385	0.00680194	0.01063882	0.0154895
0.0034549	0.00373405	0.00429148	0.00432796	0.00466507	0.00552517	0.00574736	0.00657423
0.00014675	0.00011662	0.00010796	0.00010913	0.00011283	0.00010888	0.00016143	0.00019062
0.00202295	0.00205269	0.00210131	0.00212333	0.00229307	0.00217605	0.00222862	0.00225226
0.00064909	0.00078561	0.00114981	0.00107339	0.00111491	0.00120442	0.0013079	0.001508
5.6124E-07	5.6099E-07	6.0511E-07	6.4341E-07	6.3801E-07	6.3909E-07	1.334E-06	1.139E-06
6.5154E-06	1.3135E-05	1.9543E-05	2.3089E-05	2.3531E-05	2.6924E-05	4.1635E-05	3.0641E-05
1.7158E-06	2.1558E-06	2.1558E-06	1.9402E-06	2.7995E-06	4.5114E-05	4.3644E-05	4.5162E-05
5.1327E-05	9.8188E-05	0.00011544	0.00011724	0.00025531	0.00012898	0.00011097	4.3258E-05
2.8915E-06	3.6143E-06	3.6143E-06	3.2529E-06	4.4267E-06	4.4444E-05	4.4905E-05	4.6076E-05
2.8302E-05	3.7246E-05	3.5465E-05	3.1118E-05	4.0616E-05	3.4626E-05	3.865E-05	3.7319E-05
7.3202E-08	9.1502E-08	9.1502E-08	8.2352E-08	1.183E-07	1.854E-06	1.7972E-06	1.858E-06

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0.00177993	0.0017831	0.00183888	0.00189798	0.00197428	0.00203265	0.00207797	0.00340592
4.8792E-05	5.2489E-05	5.719E-05	5.6552E-05	6.3094E-05	7.5178E-05	7.7283E-05	8.5628E-05
0.00678667	0.00781817	0.00800534	0.00926321	0.00485491	0.00720316	0.00803813	0.00855071

5.4901E-07	6.8626E-07	6.8626E-07	6.1764E-07	8.8723E-07	1.3905E-05	1.3479E-05	1.3935E-05
0.00036122	0.00037704	0.00037257	0.00083844	0.00086192	0.00086702	0.0004608	0.0007488
2.5172E-06	3.3127E-06	3.1543E-06	2.7676E-06	3.6124E-06	3.0796E-06	3.4375E-06	3.3191E-06
7.3202E-07	9.1502E-07	9.1502E-07	8.2352E-07	1.183E-06	1.854E-05	1.7972E-05	1.858E-05
0.00009093	0.00011275	7.6381E-05	7.2744E-05	5.4558E-05	5.4558E-05	7.2744E-05	8.3656E-05
0.00149283	0.00173321	0.00198551	0.00190223	0.00194971	0.00234145	0.00308558	0.00408166
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0.00242434	0.00248844	0.00193761	0.00203522	0.00207023	0.00227762	0.00234328	0.00244055
3.6437E-07	3.5946E-07	3.4997E-07	3.4763E-07	4.0604E-07	4.108E-07	4.0943E-07	4.7113E-07
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0.00275326	0.00343171	0.00362157	0.00409712	0.00460069	0.00541755	0.00610952	0.00603034
0.00658224	0.00773684	0.00929977	0.00910886	0.01158109	0.01498555	0.01186873	0.01274558
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0.3984451	0.45696289	0.509152	0.50092496	0.47064813	0.50868291	0.54131664	0.54062867
0.00700753	0.0073423	0.00773717	0.0082599	0.00864118	0.00926013	0.00960501	0.01016717
8.4906E-06	1.1174E-05	1.064E-05	9.3353E-06	1.2185E-05	1.0388E-05	1.1595E-05	1.1196E-05
0.00557788	0.0061601	0.00771385	0.0082078	0.00858072	0.00880061	0.00882512	0.01139335
5.6604E-06	7.4492E-06	7.0931E-06	6.2235E-06	8.1232E-06	6.9252E-06	7.73E-06	7.4637E-06
0.00038693	0.00040807	0.000443	0.00037866	0.00044254	0.00055099	0.00065944	0.00064244
7.3352E-06	1.4897E-05	2.222E-05	2.6271E-05	2.6749E-05	3.0622E-05	4.743E-05	3.4837E-05
6.4879E-06	1.3104E-05	1.9508E-05	2.305E-05	2.348E-05	2.6868E-05	4.1593E-05	3.0586E-05
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0.05804204	0.06447767	0.06232023	0.05868733	0.04902679	0.04679593	0.03936704	0.03991632
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0.02493568	0.02728883	0.02715056	0.02773835	0.02858667	0.029942	0.03136457	0.0318899
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9.828E-07	1.0483E-06	1.1844E-06	1.1844E-06	1.0332E-06	1.2298E-06	1.2953E-06	1.3709E-06
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0.04204439	0.04528033	0.04587772	0.04366965	0.03975581	0.04027148	0.04632586	0.05137481
0.01747696	0.01891719	0.02176176	0.02258526	0.0148403	0.01583407	0.01674199	0.01517157
0.19393409	0.21565663	0.22040341	0.19084555	0.17178114	0.18600424	0.16286633	0.15920309
0.1039037	0.11272239	0.11247978	0.09616083	0.08849823	0.0970417	0.08706424	0.08309821
0.06439833	0.0677281	0.05829363	0.04690141	0.04922566	0.04154581	0.02925669	0.02433449
0.0041078	0.00408131	0.00491014	0.00500562	0.0029167	0.00312873	0.00314308	0.00257728
0.12274406	0.12704747	0.11972667	0.10418246	0.09224815	0.08237463	0.06493142	0.05415784
0.0009423	0.00111632	0.00128346	0.00114395	0.00208375	0.00285357	0.00315183	0.00329472
0.00056491	0.00055284	0.00052903	0.00049062	0.00046378	0.00047089	0.00044672	0.00043028
0.09309572	0.09750684	0.09256598	0.08077966	0.07727324	0.07531473	0.06797613	0.05966529
9.9222E-05	9.9222E-05	9.9222E-05	0.00232516	0.00232516	0.00232516	0.00249638	0.00249638
0.00416508	0.00509986	0.00613875	0.0056481	0.00479371	0.00521752	0.00542326	0.00496835
0.00322137	0.00322414	0.00318626	0.00322045	0.0031918	0.00321675	0.00317979	0.00318349
0.09233292	0.0998886	0.10317176	0.09693573	0.0863783	0.09658838	0.08405972	0.07404147
0.4588089	0.49289593	0.5278341	0.48574269	0.42394962	0.44659052	0.42305636	0.41747162
0.0948116	0.10351333	0.12357129	0.11969645	0.09034219	0.09816334	0.10038812	0.09078305
0.02329925	0.02745027	0.02601372	0.02344451	0.02688502	0.02920889	0.02914176	0.0417635
0.0180642	0.0180642	0.0180642	0.0180642	0.0180642	0.0180642	0.0180642	0.0180642
0.00084937	0.00092556	0.00097598	0.00101005	0.00102976	0.00109879	0.00124691	0.00128343
0.01386075	0.014432	0.01400091	0.01705287	0.01223163	0.01207559	0.01134068	0.01267064
0.00089259	0.00092417	0.00103112	0.00100429	0.00104119	0.00113303	0.00114698	0.00118224
0.07309631	0.08048107	0.07761437	0.06701821	0.0651799	0.05888508	0.05499566	0.0813623
0.10124756	0.10128541	0.12264964	0.12450298	0.0727902	0.07877611	0.07917085	0.06477394
3.5482E-05	3.9501E-05	3.9013E-05	3.2097E-05	2.973E-05	4.6956E-05	0.00018966	0.00019222
0.08340787	0.09282882	0.09718219	0.09949379	0.09296794	0.10061643	0.10185592	0.1054421
0.15509063	0.17111104	0.17074115	0.15740408	0.1390707	0.1371158	0.13018425	0.12410316

9.8762E-05	0.00010656	0.00017213	0.00020981	0.00018628	0.0001581	0.00017563	0.00017036
0.00698095	0.00720782	0.00871902	0.00871185	0.00545233	0.00590948	0.00598207	0.00502506
0.07011441	0.07487112	0.07318709	0.06887024	0.0698119	0.07087689	0.06805521	0.06686963
0.02763575	0.02940959	0.02640988	0.02201557	0.02519896	0.02264171	0.01829097	0.01630475
0.00879574	0.00923387	0.00862786	0.00726309	0.00710417	0.00626058	0.00522569	0.00444775
0.0008085	0.00090829	0.00098406	0.00102749	0.00084638	0.0009933	0.00109217	0.00118549
0.0580276	0.06085124	0.06111671	0.05776179	0.05601127	0.05686001	0.06007555	0.06104249
0.37094191	0.4010806	0.41168429	0.38393792	0.36321094	0.38154922	0.37577961	0.34906607
0.0689724	0.0689724	0.0689724	0.0689724	0.0689724	0.0689724	0.0689724	0.0689724
0.00234661	0.00288476	0.00336665	0.00340531	0.00437331	0.0046908	0.00509276	0.00611442
0.04141084	0.04359035	0.03962973	0.03351522	0.03306321	0.03045941	0.02566308	0.02140432
0.02331543	0.02400879	0.02721119	0.02727104	0.01969161	0.02086463	0.02158287	0.01926989
0.02222191	0.02325488	0.02751853	0.02807327	0.01861281	0.02032275	0.01928731	0.01732783
3.3619E-05	3.3967E-05	3.737E-05	3.5762E-05	3.4155E-05	3.2548E-05	3.094E-05	3.094E-05
0.01123489	0.01435166	0.01295827	0.00872255	0.00843982	0.01374393	0.01123567	0.01325686
0.00013427	0.00020364	0.00021149	0.00020364	0.00019914	0.00015896	0.00024069	0.00024696
0.01441387	0.01650359	0.01750398	0.01688448	0.01461136	0.01592592	0.01761262	0.01935796
0.00977808	0.01017416	0.00978054	0.00870198	0.00807304	0.00715028	0.00642114	0.01882337
0.3412438	0.36436877	0.36636938	0.33369178	0.32903026	0.32813029	0.30246623	0.29210359
1.8705E-05	2.2903E-05	2.757E-05	2.5366E-05	2.1528E-05	2.3432E-05	2.4357E-05	2.2313E-05
0.49674317	0.63497103	0.58281621	0.47434222	0.43504052	0.58945155	0.60055288	0.63959085
0.00045791	0.0004739	0.00052877	0.0005151	0.00053389	0.00058119	0.00058817	0.00060621
0.01784106	0.02141619	0.02238205	0.02234836	0.01831885	0.02045639	0.02396177	0.02237255
0.25097228	0.25594419	0.26578266	0.24955228	0.19564725	0.18577566	0.1589961	0.14516466
0.02816786	0.02817346	0.03308396	0.03340316	0.02101728	0.02199333	0.02151162	0.01779929
1.0441E-05	1.1623E-05	1.5221E-05	1.7312E-05	3.0761E-05	3.4408E-05	4.0143E-05	4.3943E-05
0.0019407	0.00217147	0.00218689	0.00190743	0.00212072	0.00205258	0.00228467	0.00260183
0.00469341	0.00848927	0.00749753	0.00667124	0.00483727	0.00490116	0.00413445	0.00671691
1.4865E-05	1.5194E-05	1.392E-05	1.5591E-05	1.5597E-05	1.3951E-05	1.544E-05	1.8147E-05
0.03328093	0.03520808	0.03672167	0.03534346	0.03418864	0.03425036	0.03736107	0.03874717
0.00459979	0.00476908	0.00432867	0.00466395	0.00490738	0.00610243	0.0063514	0.00725876
0.00683057	0.00680763	0.00665432	0.00633064	0.00637077	0.00695877	0.00706288	0.00991748
0.0034132	0.00424443	0.00556894	0.00725592	0.01050744	0.01356695	0.01573472	0.01843948
0.17283197	0.1833247	0.1926646	0.18857657	0.1684481	0.1640122	0.17618156	0.18720426
0.01196774	0.01321963	0.01432228	0.01502844	0.01706	0.01832447	0.01822175	0.01860128
3.7481E-05	3.6982E-05	4.3487E-05	4.4883E-05	7.2993E-05	7.5268E-05	8.1449E-05	8.3135E-05
0.31535321	0.33592151	0.36917683	0.38200779	0.40240987	0.42607071	0.45506033	0.48046539
0.09230499	0.1035392	0.113025	0.10360647	0.10852055	0.11039697	0.11707099	0.11815189
0.01963954	0.0217744	0.0235532	0.02485234	0.02795827	0.03001343	0.0299542	0.03069059
4.956E-05	5.3098E-05	5.9078E-05	5.7137E-05	7.4518E-05	0.00010819	0.00014456	0.0001509
0.11792909	0.12794095	0.13047291	0.12742372	0.13978757	0.14567058	0.15206175	0.1575373
0.00128488	0.0016525	0.00166981	0.0018863	0.00198818	0.00131733	0.00148216	0.0017355
0.0002124	0.00022756	0.00025319	0.00024487	0.00031936	0.00046367	0.00061956	0.00064672
0.00172923	0.00183857	0.00150048	0.00198157	0.00291998	0.00318364	0.00309635	0.00327373
0.05301928	0.05274316	0.05195415	0.04977624	0.05015016	0.05015036	0.05091908	0.05169786
0.00128243	0.00154743	0.00170583	0.00193141	0.00246291	0.00307421	0.00381864	0.00437354
0.00037481	0.00036982	0.00043487	0.00044883	0.00072993	0.00075268	0.00081449	0.00083135



0.01025238	0.01007337	0.0109425	0.01235992	0.01253826	0.01303644	0.01374903	0.01598617
0.0384113	0.04208874	0.04519085	0.04745925	0.05307027	0.05647347	0.05630338	0.05746613
2.1418E-05	2.1132E-05	2.485E-05	2.5647E-05	4.171E-05	4.301E-05	4.6543E-05	4.7506E-05
5.0867E-05	5.0189E-05	5.9018E-05	6.0912E-05	9.9062E-05	0.00010215	0.00011054	0.00011283
0.00897856	0.00947574	0.0101468	0.01081916	0.01237851	0.01261394	0.01402769	0.01536571
0.40537531	0.48787917	0.59139759	0.62566494	0.63444929	0.65857003	0.62427839	0.67059964
8.9687E-05	8.8492E-05	0.00010406	0.0001074	0.00017466	0.0001801	0.0001949	0.00019893
0.00106923	0.00087256	0.00119375	0.00140241	0.00143138	0.00208998	0.0022968	0.00224386
5.5448E-06	6.2042E-06	6.2482E-06	5.4498E-06	6.0592E-06	5.8645E-06	6.5276E-06	7.4338E-06
0.00035973	0.00041929	0.000456	0.0006036	0.00068559	0.00080741	0.00092547	0.00105355
7.08E-05	7.5855E-05	8.4397E-05	8.1624E-05	0.00010645	0.00015456	0.00020652	0.00021557
0.83770451	0.89825858	0.97576728	1.01295908	1.0486596	1.08934312	1.10454744	1.14156844
0.1118812	0.11696464	0.11962474	0.11658439	0.11490782	0.1151645	0.12176492	0.1231532
0.05001251	0.05037268	0.04560162	0.04214595	0.03486599	0.03509201	0.03805283	0.04255262
0.13950635	0.16105425	0.18432277	0.22139361	0.24083383	0.24177204	0.26259576	0.28902782
0.00676955	0.00717699	0.00707445	0.0068508	0.0075588	0.00864017	0.00920923	0.01001568
0.00423933	0.00426238	0.00459074	0.00421536	0.00508742	0.00495523	0.00654358	0.00665852
0.00505604	0.00522535	0.00567304	0.00587952	0.00624199	0.00599339	0.00528287	0.00580632
0.00174432	0.00186667	0.00174131	0.00191298	0.00200766	0.00247831	0.00202696	0.00229778
6.2989E-05	6.6571E-05	6.6174E-05	6.7918E-05	7.3339E-05	7.0836E-05	7.7743E-05	8.7391E-05
0.06576684	0.06898577	0.07529354	0.08365049	0.08991776	0.09174309	0.09548117	0.10462655
2.124E-05	2.2756E-05	2.5319E-05	2.4487E-05	3.1936E-05	4.6367E-05	6.1956E-05	6.4672E-05
0.00014868	0.00015929	0.00017723	0.00017141	0.00022355	0.00032457	0.00043369	0.00045271
0.00369203	0.00415796	0.00478861	0.00468209	0.00498989	0.00512538	0.00543575	0.00609328
0.03146576	0.03118739	0.03528353	0.03386487	0.03640305	0.03614192	0.03740121	0.04031411
1.004E-05	1.0566E-05	1.3201E-05	1.4427E-05	2.4766E-05	2.6881E-05	3.0544E-05	3.266E-05
0.00468389	0.00529442	0.00589498	0.00424422	0.00339369	0.00355036	0.00389518	0.00436787
0.04123506	0.04418682	0.04783749	0.04378545	0.04854055	0.05249664	0.05585826	0.05319238
1.02765264	1.08385171	1.1120914	1.08986375	1.176419	1.18047041	1.25356615	1.3729187
0.000708	0.00075855	0.00084397	0.00081624	0.00106454	0.00154557	0.00206519	0.00215575
2.6772E-06	2.6415E-06	3.1062E-06	3.2059E-06	5.2138E-06	5.3763E-06	5.8178E-06	5.9382E-06
0.0776982	0.08033396	0.08209229	0.07499762	0.08076906	0.08363973	0.08661373	0.09063055
0.0121509	0.01287804	0.0143693	0.01550955	0.01659834	0.01600362	0.01605922	0.01520982
0.04325807	0.04520209	0.04907182	0.05833852	0.06139374	0.06810419	0.07883942	0.08871813
0.01495466	0.01524153	0.01739959	0.01703081	0.02086401	0.02214591	0.02692297	0.03125261
0.05720205	0.06416927	0.06309823	0.07837197	0.06453353	0.07794311	0.0900312	0.0919876
0.00032648	0.00030464	0.00034782	0.00037299	0.00031627	0.00032287	0.00033408	0.0003798
0.0002305	0.00023757	0.00025331	0.00027024	0.00031711	0.00052707	0.00063839	0.00062809
0.17408663	0.19528764	0.23145165	0.24168228	0.25907116	0.28008558	0.28764265	0.30924313
0.00759084	0.00822506	0.00883156	0.00955479	0.0104225	0.01112489	0.01128257	0.01150656
0.00352109	0.00321419	0.00356308	0.00380255	0.00305052	0.00322999	0.00333539	0.00363621
0.05621533	0.06000002	0.06465403	0.06142226	0.0689549	0.0709639	0.07128754	0.07232219
0.00223611	0.00236326	0.00234917	0.00241108	0.00260353	0.00251468	0.00275987	0.00310237
1.0709E-06	1.0566E-06	1.2425E-06	1.2824E-06	2.0855E-06	2.1505E-06	2.3271E-06	2.3753E-06
0.66158833	0.72091944	0.78302415	0.75967112	0.79210912	0.83664669	0.84746852	0.88015489
		0.00042816	0.00040783	0.00048015	0.000625	0.00163535	0.00197173
0.72848903	0.77014649	0.82046966	0.8001312	0.78340028	0.81873295	0.84034731	0.88742446
0.01215627	0.01316789	0.01407038	0.01473633	0.0163342	0.01730584	0.01722402	0.01746482
0.00828213	0.00789592	0.00848302	0.00894673	0.00956613	0.0100963	0.01055738	0.01050275
0.00024623	0.00018309	0.00022719	0.00018309	0.00022719	0.00017674	0.00017674	0.00017039
0.00039648	0.00042479	0.00047262	0.0004571	0.00059614	0.00086552	0.0011565	0.00120722

4.6851E-05	4.6227E-05	5.4359E-05	5.6103E-05	9.1241E-05	9.4084E-05	0.00010181	0.00010392
7.7879E-05	8.344E-05	9.2836E-05	8.9787E-05	0.0001171	0.00017001	0.00022717	0.00023713
4.248E-05	4.5513E-05	5.0638E-05	4.8975E-05	6.3873E-05	9.2734E-05	0.00012391	0.00012934
0.00015093	0.00014719	0.00014272	0.00013594	0.00017148	0.00014102	0.00014182	0.00017281
0.03674997	0.04385286	0.04766813	0.04151047	0.04498017	0.05469478	0.06230233	0.06938415
4.0158E-06	3.9623E-06	4.6593E-06	4.8089E-06	7.8207E-06	8.0644E-06	8.7267E-06	8.9074E-06
0.00616751	0.00725819	0.00819354	0.00932467	0.01014618	0.00854334	0.00943274	0.01112042
3.3465E-05	3.3019E-05	3.8828E-05	4.0074E-05	6.5172E-05	6.7203E-05	7.2723E-05	7.4228E-05
0.00147948	0.00144553	0.00216976	0.00174734	0.00181809	0.00182742	0.00184185	0.00188955
0.00604796	0.00664604	0.0069634	0.00637365	0.00655529	0.00718336	0.00771587	0.00894116
0.00357512	0.0037554	0.00409348	0.00381193	0.00386805	0.00385067	0.00411325	0.00448063
0.01826207	0.01781365	0.01935907	0.02177048	0.02216268	0.02306287	0.02409808	0.02848669
0.00091826	0.00096285	0.00105282	0.00110482	0.00120322	0.00138353	0.00151309	0.00175526
0.03168329	0.03506983	0.03804275	0.04435835	0.04768356	0.0471074	0.0539748	0.05844666
0.0638657	0.070732	0.07794029	0.08658666	0.09763186	0.10753269	0.1096954	0.1199422
0.10640326	0.11488399	0.11604003	0.1117647	0.11809876	0.12248438	0.13116704	0.14246488
0.03216023	0.03432114	0.03840972	0.03854976	0.03859808	0.03982728	0.04300288	0.04864226
0.05028197	0.05568809	0.06994832	0.08456077	0.1067561	0.1321244	0.15497843	0.16507472
0.01897187	0.02050099	0.02156872	0.02424765	0.0302417	0.03705478	0.04193327	0.04801276
0.00291941	0.00319254	0.00394245	0.00356356	0.00418901	0.00383427	0.00384032	0.00446622
0.02648028	0.0256366	0.02894813	0.02876359	0.02927226	0.03012193	0.03055406	0.03292748
0.56013774	0.60659373	0.64810629	0.60384869	0.65011751	0.6522756	0.6524021	0.68454459
0.01199907	0.00949609	0.008965	0.00770865	0.0083748	0.00814331	0.00765074	0.00758657
0.00378373	0.00456936	0.00499154	0.00581134	0.00689649	0.00823788	0.0084645	0.01085555
0.79838643	0.85130799	0.95518539	0.97748626	1.06026729	1.11908415	1.18092689	1.2766051
0.0500125	0.05504911	0.05946819	0.0623709	0.07066103	0.07560923	0.075248	0.07680767
0.00858255	0.0090101	0.00963843	0.00904609	0.0092515	0.00989765	0.01112926	0.01146728
0.01642989	0.01814296	0.01968054	0.02083867	0.02352057	0.02530501	0.02529771	0.02585399
0.00064484	0.00071098	0.000705	0.00071017	0.00076531	0.00075294	0.00075196	0.00081677
6.2989E-05	6.6571E-05	6.6174E-05	6.7918E-05	7.3339E-05	7.0836E-05	7.7743E-05	8.7391E-05
5.3545E-06	5.2831E-06	6.2125E-06	6.4118E-06	1.0428E-05	1.0753E-05	1.1636E-05	1.1876E-05
0.02878275	0.02786539	0.03104273	0.0269116	0.02536916	0.02724209	0.04200248	0.05145622
0.01955366	0.0215967	0.02210187	0.0209019	0.02062529	0.02162104	0.02453037	0.02915192
0.00101816	0.0011226	0.00111316	0.00112131	0.00120838	0.00118886	0.00118731	0.00128964
0.01512219	0.01644648	0.01932624	0.02148874	0.01804196	0.01866516	0.01509584	0.01789097
0.00092039	0.00098611	0.00109716	0.00106112	0.00138391	0.00200924	0.00268474	0.00280247
0.02010569	0.02415659	0.02875669	0.03752003	0.04481375	0.05033488	0.05805843	0.06522777
1.0709E-05	1.0566E-05	1.2425E-05	1.2824E-05	2.0855E-05	2.1505E-05	2.3271E-05	2.3753E-05
0.00683031	0.00850188	0.0081102	0.00612549	0.00554723	0.00612474	0.00661005	0.00807032
7.08E-05	7.5855E-05	8.4397E-05	8.1624E-05	0.00010645	0.00015456	0.00020652	0.00021557
0.01584849	0.01736486	0.01881679	0.02054429	0.02261785	0.02436621	0.02480444	0.02542014
0.00561427	0.00642517	0.00740621	0.00750779	0.009013	0.01023706	0.01111818	0.0121977
0.01007058	0.01100677	0.01183277	0.01287595	0.01412428	0.0151402	0.01538648	0.01580807
0.00071625	0.00075022	0.0007259	0.00075412	0.00082528	0.00076816	0.00083508	0.0009398
0.03170155	0.03265433	0.03398717	0.03400597	0.03488413	0.0351476	0.03854529	0.03767122
0.01021523	0.01129971	0.01223839	0.01283969	0.0145599	0.01563871	0.01554905	0.01588499
0.00364143	0.00361532	0.00363916	0.00353989	0.0035053	0.00339496	0.00349951	0.00320046
2.7724E-05	3.1021E-05	3.1241E-05	2.7249E-05	3.0296E-05	2.9323E-05	3.2638E-05	3.7169E-05
0.25611679	0.27969166	0.31136391	0.32274045	0.33394306	0.36060634	0.38169953	0.41505399
0.00390292	0.00385085	0.00421807	0.00475808	0.00486296	0.00507293	0.00532826	0.0062922

0.0002124	0.00022756	0.00025319	0.00024487	0.00031936	0.00046367	0.00061956	0.00064672
0.00162728	0.00177734	0.00192638	0.0018402	0.00162222	0.00179154	0.00186049	0.00167798
0.00996246	0.01051387	0.01002638	0.0124285	0.01062513	0.01172747	0.01187078	0.01220994
0.00268595	0.00281333	0.00272211	0.00282795	0.00309479	0.00288061	0.00313154	0.00352425
0.00377317	0.00331184	0.00349659	0.00217508	0.00188631	0.00218583	0.0028719	0.00269579
0.00029736	0.00031859	0.00035447	0.00034282	0.00044711	0.00064914	0.00086738	0.00090541
6.0238E-05	5.9435E-05	6.989E-05	7.2133E-05	0.00011731	0.00012097	0.0001309	0.00013361
0.00059779	0.00065758	0.00070865	0.00076842	0.00084887	0.00091129	0.00104641	0.00107634
0.0002124	0.00022756	0.00025319	0.00024487	0.00031936	0.00046367	0.00061956	0.00064672
0.03408882	0.03728511	0.04335475	0.04574064	0.04881711	0.05503218	0.04589227	0.04597377
0.000708	0.00075855	0.00084397	0.00081624	0.00106454	0.00154557	0.00206519	0.00215575
0.00314945	0.00332854	0.00330869	0.00339589	0.00366694	0.0035418	0.00388714	0.00436953
0.00072821	0.00077993	0.00087896	0.00079582	0.00096209	0.0009768	0.00112126	0.00124302
0.02157899	0.02503612	0.02922204	0.03461361	0.04270382	0.05795199	0.07510841	0.09144883
0.00489187	0.00519524	0.00604027	0.00621054	0.00657764	0.00703017	0.00765425	0.00725756
0.17837288	0.19036965	0.19985977	0.18613641	0.2034477	0.22109572	0.23366706	0.24160955
0.05363072	0.05631046	0.05760744	0.05417747	0.06197324	0.06452577	0.0697226	0.07107051
0.00043975	0.0004652	0.00048693	0.00036846	0.00038905	0.00046097	0.00049104	0.00052187
0.05394247	0.060786	0.05948677	0.06302608	0.0652497	0.06483593	0.06575753	0.0666922
0.00112572	0.00111376	0.00138312	0.00212649	0.00305732	0.00415621	0.00739696	0.00624103
0.01557905	0.01759151	0.0189839	0.01755083	0.01988114	0.02161796	0.02312348	0.02800853
0.00727908	0.00753775	0.00827019	0.00844761	0.00858826	0.00867658	0.0086916	0.00935551
0.04628336	0.04929924	0.05386317	0.05365458	0.05717052	0.0521059	0.04746629	0.04440736
0.07804902	0.08314938	0.08882573	0.08076692	0.08535773	0.0853615	0.08015826	0.08052064
0.00465429	0.00470451	0.00477124	0.0048116	0.00487643	0.00496519	0.0050232	0.00508218
0.00407265	0.0044904	0.00445265	0.00448525	0.00483352	0.00475542	0.00474924	0.00515855
0.09085097	0.10045246	0.10980723	0.10889826	0.11870408	0.12345435	0.13553152	0.14381496
0.00226238	0.00225283	0.00257658	0.00248979	0.00352719	0.00369775	0.00404997	0.0041275
0.01518579	0.01691369	0.018565	0.02344016	0.02629553	0.02592363	0.02585385	0.03553051
0.03139998	0.03463212	0.0402119	0.03892518	0.04549291	0.04486437	0.0443331	0.04428107
0.00312921	0.00330093	0.00380465	0.00332827	0.00338774	0.00351906	0.00445292	0.00523847
0.00047242	0.00049928	0.0004963	0.00050938	0.00055004	0.00053127	0.00058307	0.00065543
0.0017776	0.00210299	0.00271208	0.00301747	0.00324205	0.00428977	0.00540903	0.00598841
0.00030444	0.00032617	0.00036291	0.00035098	0.00045775	0.00066459	0.00088803	0.00092697
0.07257027	0.07667216	0.08198799	0.06619534	0.09328789	0.10629911	0.09666834	0.09309739
0.58534363	0.64281624	0.6909014	0.72793801	0.81632699	0.86854699	0.86837431	0.8888016
0.00028628	0.00032285	0.00031419	0.00030064	0.00043234	0.00056864	0.00064163	0.00072627
0.0239933	0.02736737	0.03160392	0.0372554	0.04880768	0.06303091	0.08543283	0.12114764
0.0198142	0.01944133	0.02106023	0.0237989	0.02408168	0.02501046	0.02641434	0.03055005
0.00830494	0.00874599	0.01010696	0.01076386	0.00972489	0.00807434	0.00868063	0.0100515
0.90088433	0.94322139	0.99669496	0.93102683	0.86845996	0.89589287	0.89576556	0.9017619
0.00334515	0.00354897	0.00369189	0.00356441	0.00385948	0.00431728	0.00465915	0.00458249
0.01168381	0.01305185	0.01534744	0.0142376	0.01587241	0.01730507	0.01763532	0.01798272
7.9925E-06	7.8075E-06	7.6313E-06	7.347E-06	7.3966E-06	7.5511E-06	7.7033E-06	7.4518E-06
0.00022046	0.000233	0.00023161	0.00023771	0.00025669	0.00024793	0.0002721	0.00030587
0.000354	0.00037927	0.00042198	0.00040812	0.00053227	0.00077278	0.00103259	0.00107787
0.00418888	0.00465356	0.0049533	0.00492283	0.00548039	0.00593293	0.00642695	0.00730368
0.00055932	0.00059925	0.00066673	0.00064483	0.00084099	0.001221	0.0016315	0.00170304
1.5075E-05	1.483E-05	1.7313E-05	1.7891E-05	2.897E-05	3.1291E-05	3.3918E-05	3.3817E-05
1.416E-05	1.5171E-05	1.6879E-05	1.6325E-05	2.1291E-05	3.0911E-05	4.1304E-05	4.3115E-05
0.00018741	0.00018491	0.00021744	0.00022441	0.00036497	0.00037634	0.00040725	0.00041568

0.02371373	0.02528976	0.02743896	0.02562407	0.02511347	0.02515195	0.02664603	0.02760139
0.01386439	0.01367318	0.01496352	0.01688165	0.01723983	0.01797784	0.01889105	0.0222716
0.13778113	0.14294217	0.15130865	0.14309537	0.15785608	0.16708004	0.17364106	0.17853611
0.00098767	0.00102043	0.00110793	0.0011356	0.00132134	0.00127567	0.00126635	0.0012771
0.0001062	0.00011378	0.00012659	0.00012244	0.00015968	0.00023184	0.00030978	0.00032336
0.01014523	0.01172671	0.01289767	0.01487719	0.01860507	0.02192897	0.02369731	0.02518153
1.1906E-06	1.1747E-06	1.3813E-06	1.4257E-06	2.3186E-06	2.3908E-06	2.5872E-06	2.6407E-06
0.0001416	0.00015171	0.00016879	0.00016325	0.00021291	0.00030911	0.00041304	0.00043115
0.00110752	0.00120493	0.00125974	0.00117576	0.00150051	0.00140707	0.00172933	0.00173102
0.04426854	0.04844328	0.05725072	0.05785336	0.06370495	0.07485623	0.07556011	0.07768648
0.00311739	0.0034436	0.00373033	0.00391044	0.0044418	0.00477019	0.00474072	0.00483886
0.01240378	0.01369825	0.014854	0.01568837	0.01773577	0.01907266	0.01903882	0.01945132
6.2989E-05	6.6571E-05	6.6174E-05	6.7918E-05	7.3339E-05	7.0836E-05	7.7743E-05	8.7391E-05
0.0064614	0.00747098	0.00919312	0.00757785	0.007877	0.00800414	0.00940239	0.01046405
0.01076497	0.01145465	0.01223954	0.01397497	0.01430459	0.01519002	0.01588148	0.0160514
0.04247333	0.04880721	0.05850154	0.06107498	0.07830046	0.08385782	0.1009633	0.09666608
0.01284725	0.01571991	0.02027981	0.02242393	0.0264412	0.03066562	0.0346909	0.0421033
0.00501036	0.00550079	0.00551879	0.00516025	0.00474252	0.00509866	0.00463357	0.00443646
0.0042409	0.00413729	0.00404879	0.00399502	0.00406539	0.00448217	0.00399586	0.00344007
0.20738999	0.22031346	0.23175635	0.24033874	0.26106855	0.27170711	0.26943602	0.27088778
0.0111885	0.01169608	0.01095645	0.00979895	0.00981079	0.00941776	0.00982122	0.01038711
10.0577109	10.715714	11.2128382	11.0214151	11.2283701	11.8454334	12.1949034	12.6447635
0.03179997	0.03512399	0.03804535	0.03988103	0.04529806	0.04864146	0.04834157	0.04934212
4.0158E-06	3.9623E-06	4.6593E-06	4.8089E-06	7.8207E-06	8.0644E-06	8.7267E-06	8.9074E-06
0.11621397	0.12618859	0.13905054	0.15408911	0.17380791	0.18563647	0.2034946	0.22833508
2.6772E-06	2.6415E-06	3.1062E-06	3.2059E-06	5.2138E-06	5.3763E-06	5.8178E-06	5.9382E-06
0.03720627	0.04075584	0.03991428	0.03225339	0.0329198	0.01139357	0.00667787	0.00754334
0.00025196	0.00026628	0.0002647	0.00027167	0.00029336	0.00028334	0.00031097	0.00034956
0.00022046	0.000233	0.00023161	0.00023771	0.00025669	0.00024793	0.0002721	0.00030587
0.00602442	0.00540458	0.00822077	0.00745374	0.00681834	0.00893331	0.00982248	0.01043773
0.14902874	0.15973813	0.17219072	0.1645275	0.18185617	0.1827716	0.17655741	0.18499573
0.00538912	0.00581912	0.0061628	0.00557021	0.00604156	0.0063536	0.00548955	0.00500044
0.0080052	0.00919489	0.00965825	0.00794284	0.00976472	0.00807688	0.00817459	0.00778235
0.01161912	0.0117355	0.01185026	0.01193933	0.01199464	0.01200744	0.01198581	0.01194841
0.37282649	0.38426869	0.39890033	0.41286508	0.42638918	0.45241032	0.46694191	0.47961114
0.35943202	0.37422754	0.3951548	0.39912031	0.41358618	0.42898621	0.44555217	0.46295695
0.00115347	0.00119254	0.00122928	0.00126272	0.00129303	0.0013171	0.00133692	0.00135347
0.22319443	0.23264794	0.24081994	0.24895297	0.25708688	0.266601	0.27578808	0.2948017
0.03323138	0.03384536	0.0344072	0.03487791	0.0352356	0.03543584	0.03550859	0.03550624
0.17401051	0.20720624	0.24677769	0.29255617	0.34341698	0.40132956	0.46547148	0.53221302
6.96969085	7.23684972	7.42005862	7.59729729	7.75558612	8.04490052	8.20817268	8.43121909
0.46308253	0.48455802	0.50626419	0.52780081	0.54717181	0.56577412	0.58378305	0.60165179
0.03736101	0.0375026	0.03819241	0.03883183	0.03942519	0.04000044	0.04053751	0.04100338
14.616191	14.8810202	15.0985534	15.3195262	15.5433401	15.8380682	16.0990826	16.3434669
5.1540958	5.17480464	5.19300801	5.21345881	5.21846882	5.23462445	5.24431503	5.21264533
1.33766463	1.37389017	1.41526054	1.45253394	1.47767163	1.50747508	1.54299505	1.57600995
0.22384063	0.22696084	0.2297991	0.23297599	0.23701519	0.24212375	0.24805072	0.25484631
4.63858449	4.6633915	4.68617646	4.67302436	4.64147229	4.6978958	4.71203828	4.74313942
0.31715659	0.323612	0.33032972	0.33753099	0.3451684	0.35310729	0.3613663	0.37013079
0.51013404	0.51861882	0.52684306	0.53633368	0.54694385	0.55809684	0.5699568	0.58285378

1.84250743	1.98286734	2.12237317	2.20319497	2.37708873	2.55598874	2.72208045	2.95271651
6.58745161	6.66004571	6.77015696	6.96084812	7.04897108	7.18504608	7.2461172	7.29482876
0.09728506	0.10118895	0.10577657	0.11121186	0.11759952	0.12509281	0.13360967	0.1424358
0.09411975	0.09766958	0.10099949	0.10443963	0.10793886	0.11166079	0.11545171	0.11947635
0.28375959	0.29581573	0.30890316	0.32225315	0.33497324	0.34690659	0.35873958	0.37025495
2.15955709	2.18949477	2.21534987	2.23625293	2.25455884	2.28059565	2.30213704	2.30995557
0.08378342	0.08550019	0.08678806	0.08900148	0.08976629	0.08961514	0.09243137	0.09482812
0.01638062	0.01657421	0.01675706	0.01693163	0.01708728	0.01722619	0.01735356	0.01746751
0.28946529	0.30030902	0.31219035	0.318851	0.32993231	0.34169181	0.3530713	0.36390585
25.7883291	27.2995776	28.9435411	30.2470587	31.9579005	33.2086988	35.3653773	37.8312306
0.12578272	0.12632645	0.12859182	0.13012993	0.13133556	0.13349098	0.13636582	0.13701931
0.02521272	0.02641452	0.0277097	0.02897125	0.03028021	0.03143876	0.03252342	0.03356226
0.01200111	0.01261579	0.01326035	0.01394261	0.01465466	0.01544587	0.01628367	0.01715355
0.03052223	0.03249766	0.03509896	0.03712503	0.03936445	0.04230793	0.04497761	0.0472419
0.14682155	0.15182545	0.15689731	0.16215598	0.167807	0.17212916	0.17575069	0.17984081
17.9648536	18.3069332	18.6221046	18.890556	18.4591136	19.1523772	19.4028073	19.8515809
1.79336674	1.78145229	1.77084499	1.75702688	1.73604283	1.72791617	1.71826464	1.70534696
3.17881977	3.25619901	3.33653533	3.54859837	3.66104057	3.8337735	4.02790957	4.18771428
84.1299333	86.2978558	88.3846983	90.3481824	92.2425179	94.1722692	96.102491	98.3470804
0.65748076	0.68564222	0.71501743	0.74652774	0.78011038	0.81793909	0.85790544	0.89888436
0.59460677	0.61955667	0.64625003	0.67471781	0.70519969	0.73598441	0.76564247	0.7971296
1.92293854	1.98730261	2.05365544	2.12269768	2.19490589	2.2710372	2.352324	2.43567222
0.13259206	0.13714395	0.14330023	0.1491864	0.15586044	0.16275831	0.16858113	0.17555893
0.00404422	0.0040205	0.00399654	0.00397084	0.00393619	0.00385051	0.00374704	0.0036393
5.12919884	5.37358938	5.59555518	5.86170292	6.06221728	6.5040714	6.57569502	6.83969931
0.03408329	0.03481007	0.03559608	0.03652307	0.03764355	0.03901285	0.04058578	0.04229562
0.01946935	0.01910868	0.01866426	0.01819182	0.0177947	0.01746422	0.01720862	0.01700287
0.41904605	0.43829029	0.45677989	0.47488884	0.49630869	0.51630751	0.53703712	0.55630945
2.60695309	2.59863886	2.73087374	2.84983589	2.93912554	3.01963517	3.11494463	3.22335176
0.00282933	0.00299465	0.00318906	0.00340354	0.00362708	0.0038611	0.00410801	0.00435476
0.16060965	0.16253752	0.16499812	0.16772833	0.17054088	0.17457342	0.17851158	0.18246398
3.90943548	3.96680913	3.98300687	4.00725083	4.056905	4.13121023	4.18051977	4.19629137
44.2775013	44.4724833	44.6575972	44.6323473	44.6495614	45.0731274	45.1983884	45.4365761
0.05165486	0.05550013	0.05986109	0.06535296	0.07236902	0.0812518	0.09185194	0.10340677
0.0131343	0.0134531	0.01374205	0.01403743	0.01437125	0.01476451	0.0152082	0.01566772
2.23626561	2.23105514	2.23219391	2.23283816	2.22188667	2.21673795	2.21745671	2.2123225
0.71984362	0.77213901	0.81674674	0.86136388	0.90680336	0.96230087	1.01037632	1.05857876
2.45341902	2.54270434	2.6313129	2.72874198	2.81504425	2.94003775	3.07944038	3.23973054
1.14804248	1.18706457	1.22717017	1.27022673	1.31366924	1.36563205	1.41848632	1.47914256
5.114902	5.27569684	5.41465356	5.58290662	5.75403854	5.91877207	6.06673281	6.21864431
0.21158159	0.21737142	0.22338722	0.22956046	0.23588848	0.24249909	0.2492921	0.25630982
0.01260831	0.01278536	0.0129552	0.01333995	0.01406998	0.0174772	0.02118846	0.02502449
8.32030592	8.57610321	8.68940504	8.82154361	8.92626167	9.097897	9.23392747	9.35257896
1.48002793	1.48980291	1.5010406	1.50348432	1.49838295	1.51194801	1.51682635	1.51160936
3.37990844	3.44413441	3.50780733	3.55993412	3.59780811	3.62066214	3.63111842	3.63871744
5.71313653	5.76903617	5.82611306	5.82346798	5.63977189	5.68050747	5.67019288	5.76199899
0.13957847	0.14286102	0.14715208	0.15026834	0.15439938	0.15933654	0.16656952	0.16986953
0.00036116	0.00036428	0.00036307	0.00036567	0.00036616	0.00036705	0.00036735	0.0003687
19.8243166	19.8806805	19.9338844	19.8794346	19.8196851	19.9790533	20.024391	20.0647516
0.01930164	0.01949247	0.01967638	0.01985451	0.02002317	0.02016254	0.02029436	0.02039514
0.06841787	0.06931973	0.07027044	0.07131952	0.07243156	0.07376806	0.07533243	0.07709529

52.2384476	52.3465666	52.4259821	52.4498606	52.4757075	52.5638938	52.4740992	52.4482504
1.68122983	1.72141788	1.75922962	1.79641988	1.83201569	1.86748271	1.90318186	1.93896679
0.71536817	0.74994317	0.7849038	0.81883011	0.85043117	0.87819222	0.90408705	0.9286501
0.01181938	0.01190314	0.01195658	0.01199647	0.01203042	0.01206487	0.0120955	0.01211547
0.54662999	0.54959309	0.55168807	0.55327982	0.55459768	0.55653111	0.55803604	0.56050634
0.05312522	0.05061169	0.05383375	0.05360439	0.05408195	0.05528737	0.05565683	0.05579125
0.03786592	0.0396591	0.04151988	0.04330669	0.04512049	0.04695572	0.04879894	0.05073122
0.03678291	0.03998019	0.04324121	0.04646364	0.04957115	0.05262807	0.05552967	0.05836018
0.02334282	0.02274488	0.02194523	0.02113149	0.0204608	0.01994905	0.01959496	0.01950068
3.46109816	3.48589666	3.51394096	3.54173549	3.57079851	3.61504431	3.65843584	3.70583987
0.02255116	0.0225996	0.02261238	0.02260316	0.02253017	0.02238245	0.02219526	0.02200231
0.04609669	0.04673702	0.0473318	0.047896	0.04843206	0.04849844	0.048509	0.04851287
1.41793898	1.47096194	1.5248429	1.58025443	1.63791345	1.70192216	1.75407007	1.80121224
0.00612967	0.00636709	0.0066062	0.00681463	0.00705788	0.00730804	0.00761103	0.00791991
0.33434874	0.33703905	0.33974077	0.34929303	0.35272421	0.36037054	0.36099736	0.37087224
1.76521682	1.8098972	1.85346003	1.90099485	1.95614212	2.02803538	2.10815684	2.20897934
0.46927053	0.49057797	0.51223947	0.53512017	0.5595405	0.58393431	0.6098652	0.63762438
0.61740582	0.63576229	0.65203624	0.67070272	0.73771187	0.72940512	0.74871572	0.77056681
0.57520806	0.57805648	0.58020096	0.58247613	0.58475134	0.58773353	0.59000935	0.59394835
4.47193911	4.49312281	4.53413963	4.55755241	4.60663177	4.71051796	4.80740368	4.88874181
5.79641509	6.1949679	6.64466715	7.07591368	7.25353256	7.81357108	8.31263265	8.97396854
50.0579259	50.8733494	51.8087368	52.5991912	53.5650793	54.4962181	55.3936374	56.3496221
1.83628543	1.85994174	1.8865137	1.91627733	1.94252966	1.96392956	1.99594035	2.02543216
3.44819814	3.54172698	3.63295031	3.72294488	3.81483338	3.94613854	4.06187266	4.14488221
2.44535473	2.56733665	2.69279526	2.82231598	2.95243811	3.11263869	3.25178032	3.39977041
0.19434027	0.19495768	0.19565933	0.1960572	0.19673526	0.19708673	0.19737159	0.1979325
1.99811531	2.08433003	2.17629038	2.26953211	2.35757043	2.44303776	2.51848158	2.58979991
26.7546417	26.9903574	27.1440266	27.1333697	27.2428299	27.5266348	27.4567109	27.5576208
0.17516341	0.17815614	0.17978405	0.18539364	0.18819528	0.19222197	0.19127273	0.19385744
0.43253092	0.4536378	0.47245969	0.4892893	0.50629586	0.5236717	0.54125915	0.55920401
19.9821514	20.1855863	20.3515617	20.2109496	19.9512522	20.3315074	20.2682455	20.3990224
2.08275368	2.10602308	2.12618578	2.14828972	2.15613015	2.16798186	2.19362603	2.21194135
0.45734673	0.4795705	0.50664869	0.53419421	0.560887	0.59132643	0.62627112	0.65352363
0.63595482	0.65280792	0.66885339	0.68540542	0.70085389	0.71465971	0.73100367	0.7470303
0.44958523	0.45185822	0.45566098	0.45735906	0.29496184	0.29488011	0.29640165	0.29638104
0.00499016	0.00532593	0.00566819	0.00600357	0.00633243	0.00664581	0.00695844	0.00727433
0.02479273	0.02491938	0.02487071	0.02510159	0.02514586	0.02578511	0.02607981	0.02601152
3.21241189	3.48264413	3.7997975	3.9073506	4.13141422	4.45926491	4.74253724	5.07094517
1.05613578	1.16667665	1.25612938	1.33645953	1.4266482	1.56682603	1.67938441	1.81806296
0.09435799	0.09737878	0.10040459	0.10316751	0.10558222	0.10797117	0.10984507	0.11153466
0.66492717	0.70237244	0.74021173	0.7774962	0.81026248	0.83660786	0.86045704	0.87898103
0.13680453	0.13953253	0.1424532	0.14559636	0.14903279	0.15280966	0.15678979	0.16104665
0.54469154	0.6012864	0.66225435	0.72604277	0.79368342	0.8516773	0.91138773	0.98997908
0.02187594	0.02238763	0.02289555	0.02341593	0.02396909	0.0245982	0.02526083	0.0259649
1.8737286	1.91978478	1.96547459	2.0116783	2.05878417	2.10428681	2.15002133	2.19610716
0.05358736	0.05431937	0.05511478	0.05599297	0.05693817	0.05773933	0.05843734	0.05921393
0.91655643	0.93533908	0.95411963	0.96956065	0.98563352	1.00373489	1.02344766	1.03537461
0.11487719	0.11585931	0.1168231	0.11775162	0.11853106	0.11936618	0.12013869	0.12084336
0.48747566	0.50120869	0.5168945	0.52612122	0.5361298	0.54836596	0.56043851	0.56607206
0.01688306	0.01724174	0.017332	0.01726607	0.01732616	0.01730243	0.01727018	0.01733077
3.40869607	3.55102836	3.72441551	3.8922531	4.06773438	4.24101606	4.45361692	4.68288329

0.55416792	0.57542516	0.59861243	0.61849231	0.63486609	0.65430441	0.67586411	0.69561252
0.34843842	0.36128069	0.37459306	0.38905899	0.40196157	0.41575063	0.42830429	0.4483887
0.00922954	0.01018466	0.01122811	0.01234269	0.01351747	0.01468818	0.01590292	0.01715761
16.1930834	17.0786729	18.0218432	18.9382273	19.848153	20.8263215	21.7739626	22.9003391
0.34599373	0.3565661	0.36803361	0.38200592	0.39323982	0.40650852	0.42131251	0.43526323
0.43375762	0.43588166	0.43828887	0.44257224	0.44684085	0.45070945	0.45359808	0.45674878
0.03780234	0.03800489	0.03824328	0.03839978	0.03855346	0.0388337	0.03914549	0.03932331
2.14271014	2.15503157	2.14689053	2.13593623	2.12481183	2.11514009	2.10014838	2.08452595
0.16172289	0.16837135	0.17284357	0.18022642	0.18778102	0.19226654	0.196793	0.20496154
0.64787753	0.64321912	0.63684361	0.63090389	0.62529062	0.61923999	0.61513307	0.60879065
0.14508677	0.14989456	0.1551146	0.16057624	0.16664241	0.1729763	0.17943419	0.18602512
0.03810818	0.03923954	0.04077858	0.04150293	0.04288429	0.04387559	0.04490743	0.04573867
0.30736153	0.31831005	0.32729446	0.3341069	0.33140748	0.34713011	0.3510941	0.35621268
0.33633751	0.33802871	0.34042547	0.34241668	0.34505519	0.34826963	0.35122462	0.35347521
1.44627117	1.50611555	1.57289656	1.63264503	1.69902573	1.77003096	1.83929582	1.91539513
0.04512109	0.04801275	0.05098081	0.05398421	0.05555514	0.05908092	0.06227694	0.06518026
0.01386305	0.01470094	0.0155705	0.01638164	0.01724728	0.01788414	0.01849901	0.01901704
0.46013118	0.45810395	0.45501566	0.45263207	0.45055849	0.44799493	0.44777638	0.44442645
5.22874796	5.37953869	5.54480123	5.71870426	5.90605118	6.11703361	6.33637733	6.56993948
0.37076336	0.38511881	0.39726594	0.41229586	0.43081151	0.44963004	0.46444239	0.479516
14.6105787	14.7535804	14.9140444	15.0457101	15.1364212	15.2637077	15.3431206	15.4413497
2.78711224	2.79157112	2.80937088	2.82224368	2.76651361	2.78859183	2.76579826	2.74843805
1.07163032	1.08082214	1.09054551	1.10039784	1.11082131	1.12067716	1.13112	1.14190927
3.47504209	3.53814601	3.62552358	3.68963419	3.75828315	3.79793152	3.80515166	3.81961156
0.08123603	0.0880939	0.09563374	0.10406317	0.11349991	0.12434981	0.1364283	0.14974975
5.45589336	5.55492679	5.66141005	5.77344717	5.87215355	5.99192969	6.11079431	6.2403296
0.27732406	0.28775085	0.29778572	0.30967089	0.32205409	0.33371897	0.34679442	0.35700789
2.85128358	2.96048104	3.06656865	3.18412757	3.31050834	3.43085856	3.54537267	3.64929722
3.02077716	3.10316174	3.3837448	3.4710124	3.49476109	3.66804009	3.73644854	3.85116216
0.00168562	0.00172591	0.00176737	0.00180208	0.00182696	0.0018397	0.00184212	0.00184214
0.29520592	0.30195809	0.30884596	0.31623564	0.32376933	0.33175137	0.33981972	0.34803079
16.331733	16.6231101	16.9041007	17.0323476	17.0725662	17.3293312	17.4522699	17.5605721
0.4750214	0.48898056	0.50314942	0.52156476	0.53968218	0.55955385	0.57729753	0.59522285
2.71823808	2.8161235	2.91156709	3.00309005	3.09489708	3.16955917	3.2589513	3.32583844
4.25984634	4.30099864	4.34590804	4.38752066	4.4198201	4.46863458	4.53058537	4.6020784
0.21658182	0.21854796	0.22057592	0.22272753	0.22233408	0.22535107	0.23192508	0.23331352
0.01617026	0.0169017	0.01766901	0.01845775	0.01925697	0.01996932	0.02066901	0.02132658
0.07114824	0.07804478	0.08779973	0.1056001	0.12367132	0.13164513	0.14053123	0.16609211
0.05606562	0.05781085	0.05807174	0.05767436	0.05801323	0.05917996	0.05955648	0.06066986
3.96524676	4.10297407	4.24067419	4.47913399	4.83745894	4.96541144	5.06070731	5.28054249
60.1410398	61.6003156	63.006966	64.5868802	65.8109979	67.8244611	68.9472704	70.1598281
0.42004042	0.42145737	0.42260414	0.42378909	0.42518945	0.42646904	0.42782291	0.42901583
1.90659227	2.06438758	2.22082206	2.39997682	2.59559861	2.78559633	2.99130341	3.21639072
1.69704923	1.753455	1.80596659	1.87204455	1.91787092	1.9225605	1.99026202	1.94559276
1.80399411	1.84173252	1.88229182	1.92781607	1.97654236	2.01915463	2.06648548	2.11386084
0.42735143	0.44381366	0.4605292	0.47706034	0.49429819	0.51088951	0.52653277	0.5413606
0.35308355	0.35724602	0.35992459	0.36252406	0.3669668	0.37041574	0.37238862	0.37339447
0.00061928	0.00062408	0.00062854	0.00063282	0.00063633	0.00063876	0.00064117	0.00064349
0.03211371	0.03333455	0.03462474	0.035988	0.03733337	0.0388777	0.04053092	0.04222432
0.15796626	0.1660461	0.17445581	0.18316318	0.19159202	0.19953734	0.20768608	0.21614836
0.52173472	0.55194926	0.5810475	0.61306311	0.64306388	0.6741402	0.70633939	0.73749994

0.49471275	0.49632069	0.50124645	0.51836888	0.55405707	0.61042896	0.6847107	0.76464384
0.00459186	0.00464549	0.0047019	0.00475189	0.00480218	0.00480497	0.00480731	0.00480637
0.0050482	0.00514029	0.00523566	0.00531877	0.00544121	0.0055855	0.00572999	0.00588453
0.10019028	0.10272533	0.10484762	0.10696637	0.1093703	0.11299073	0.11722631	0.12213031
2.79093385	2.82390599	2.83341008	2.86907183	2.97783134	3.13931155	3.20104638	3.17271501
0.79897214	0.79810588	0.80792525	0.76645384	0.76280564	0.76559577	0.82274935	0.91884161
5.75745587	5.81791373	5.95862004	5.98450486	5.79212732	5.79406716	5.68371737	5.75476133
0.19607933	0.22550457	0.24247033	0.25499627	0.25751975	0.31129591	0.27438292	0.28218932
0.01934529	0.02066612	0.02206349	0.02352984	0.02506	0.02618681	0.02724425	0.02828425
0.9734591	1.01463868	1.05263492	1.09524237	1.1400683	1.1813992	1.22585152	1.26994762
0.00127893	0.00131998	0.00137006	0.00142462	0.00147632	0.00152367	0.00156873	0.00161496
0.39326392	0.40270236	0.41218578	0.42234989	0.43236501	0.4442989	0.45391657	0.46361806
0.24476572	0.25061494	0.2556737	0.26034261	0.26502919	0.26954611	0.27401361	0.27888377
5.40000677	5.59507588	5.80635442	6.0112181	6.21722017	6.44489311	6.67297893	6.86030026
0.51762832	0.53057993	0.54366919	0.55674096	0.5689737	0.58202428	0.59566202	0.60915125
0.40958063	0.4223268	0.43637924	0.44943195	0.45923215	0.47267844	0.48579508	0.49873047
0.02674562	0.02763969	0.02841133	0.02901544	0.02912925	0.0285176	0.02780158	0.02708529
0.01908968	0.01969381	0.02026343	0.02083765	0.02145955	0.02218209	0.02294405	0.02373912
0.91944357	0.9619723	0.97825912	1.00856777	1.02360854	1.09458197	1.12254596	1.20423085
0.7386998	0.7777872	0.81828467	0.85954133	0.90279867	0.94343536	0.98421423	1.02616271
2.93175521	3.02701231	3.12025618	3.13654888	3.17636986	3.21933284	3.29968718	3.31655145
1.68668323	1.78174267	1.8846762	2.00712239	2.10945099	2.2497775	2.38700172	2.65235018
0.41137822	0.43856811	0.46891174	0.50061151	0.53470131	0.57039144	0.60751483	0.64788051
0.3362762	0.3618153	0.38734167	0.41448385	0.44404489	0.47600274	0.51057128	0.54663112
5.05352718	5.22114123	5.36480858	5.46352615	5.54675095	5.65420138	5.80127728	5.90052976
0.25781944	0.25479962	0.2565024	0.27229266	0.27853514	0.28511127	0.28092677	0.28522496
224.55013	226.397943	227.659747	228.506598	229.016953	231.844935	233.748787	235.381424
1.99574842	2.07983799	2.15972945	2.24545104	2.33436533	2.4234038	2.51434468	2.60468588
0.01414413	0.0145657	0.01499806	0.01543241	0.01588053	0.01632859	0.01677371	0.01722264
2.72657802	2.85314619	2.98971836	3.13249934	3.26820204	3.45373956	3.64486402	3.73993459
0.00062419	0.00064152	0.00065816	0.00067357	0.00068919	0.00070265	0.00071513	0.00072914
3.24875757	3.31792927	3.38493559	3.45128618	3.51700572	3.5902994	3.66505552	3.73822962
0.01704379	0.0176748	0.0183433	0.01903743	0.01975341	0.02050651	0.02123175	0.02203131
0.02060411	0.02086356	0.02109576	0.02127714	0.02144287	0.02159529	0.02172558	0.02183752
0.53255807	0.54574033	0.55988649	0.57630247	0.59553873	0.61798856	0.64428431	0.67308889
5.14449952	5.35091917	5.53482224	5.7050993	5.79102082	5.96287263	6.21008118	6.38546095
0.17545425	0.18464636	0.19367472	0.20424177	0.21504863	0.22868202	0.2389777	0.25061342
0.31971595	0.33928614	0.36065527	0.37974483	0.4030617	0.42060373	0.44195375	0.46696604
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0	0	0	0	0	0	0	0
0.15698	0.15698	0.15698	0.15698	0.15698	0.18424	0.22231	0.264845
0.00047	0.00047	0.00047	0.00937715	0.2804374	0.54893003	0.63546231	0.63037819
0.169128	0.1794636	0.1944972	0.2048328	0.2189268	0.2292624	0.2349	0.239598
0	0	0	0	0	0	0	0
2.31422407	2.29296882	2.28835237	2.32531582	2.49805127	2.5365533	2.73871751	2.99980678
0.69931041	0.64862795	0.68720683	0.7061188	0.71238995	0.7234647	0.75564992	0.76302896
0.227586	0.241296	0.2625465	0.2762565	0.2954505	0.3091605	0.316701	0.322185
0	0	0	0	0	0	0	0
0.01335507	0.01335507	0.01335507	0.01335507	0.01355285	0.01808163	0.0225958	0.02768945
0	0	0	0	0	0	0	0



0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0.1297899	1.5651135	1.3106235	1.501491	1.476042	1.552389	1.5396645	1.5651135
0.3791901	0.2163165	0.27103185	0.4377228	0.5013453	0.58914435	0.3791901	0.38300745
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0.98463077	1.1210705	1.46302998	1.50319249	1.71904534	1.93436237	2.29741822	2.47327725
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
11.3930602	10.5725637	10.7998459	11.5419473	10.4270479	8.36494321	11.6404397	12.4803339
0.52482939	0.47770456	0.48586021	0.49401631	0.48741785	0.52543028	0.56169273	0.59631498
0.001175	0.001175	0.001175	0.001175	0.00124093	0.00125411	0.0170123	0.01232548
2.04274126	2.04013742	2.11848618	2.11873058	2.3313393	2.54325325	2.79282776	2.86391253
0	0	0	0	0	0	0	0
0.4763772	0.385236	0.4143636	0.4397328	0.4829544	0.5421492	0.5318136	0.385236
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0.006815	0.006815	0.006815	0.006815	0.00688093	0.01112411	0.0156023	0.02078548
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0.0023641	0.0023641	0.0023641	0.0023641	0.00249595	0.00257057	0.00264617	0.00272278
6.16215713	6.80035673	7.77817579	9.32787398	9.60541002	10.1734554	11.2548937	12.1868672
0.00656364	0.00656364	0.00656364	0.00656364	0.01573638	0.02109939	0.02553481	0.03097829
0	0	0	0	0	0	0	0
0.00517	0.00517	0.00517	0.00517	0.00517	0.009635	0.014805	0.02115
0	0	0	0	0	0	0	0
0.384225	0.384225	0.384225	0.384225	0.403017	0.909469	1.333504	1.457066
2.20437237	2.4252314	2.64609044	2.99849348	3.26572862	3.35666431	3.45008411	3.54895636
0.00118205	0.00118205	0.00118205	0.00118205	0.00124798	0.00128527	0.00132308	0.00136139
0	0	0	0	0	0	0	0
0.00931441	0.00931441	0.00931441	0.00931441	0.018619	0.02591966	0.03328736	0.04372187
0	0	0	0	0	0	0	0
4.95205744	5.09981743	4.8578691	4.80740043	4.80347845	5.03079773	5.42534881	5.50476995
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5.24552294	6.13591643	6.95194387	7.50783978	7.93184583	8.45565911	9.21060635	9.43658833
0	0	0	0	0	0	0	0
0.441891	0.529473	0.605112	0.625017	0.569283	0.605112	0.609093	0.441891
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0	0	0	0	0	0	0	0
1.9267069	2.07773609	2.22876529	2.35434548	2.21271117	2.21417861	2.26642094	2.466346
0.001175	0.001175	0.001175	0.001175	0.00124093	0.00125411	0.0012673	0.00128048
0	0	0	0	0	0	0	0
0.128075	0.128075	0.128075	0.128075	0.128075	0.181655	0.22325	0.262025
0	0	0	0	0	0	0	0
0.47462385	0.27103185	0.3384717	0.54842595	0.62731785	0.73674855	0.47462385	0.47971365
0.63788754	0.64916274	0.64634394	0.65667954	0.66795474	0.67793651	0.69143683	0.69975503
0.043945	0.043945	0.043945	0.043945	0.043945	0.11186	0.19646	0.297745

2.6040943	2.82481294	2.41954625	2.2281031	3.29174642	4.16263808	4.35008948	4.89851022
0.00468958	0.00468958	0.00468958	0.00468958	0.00482143	0.00602389	0.00724932	0.00867406
0.59502	0.618906	0.7291797	0.790089	0.798051	0.7216298	0.7014879	0.7299055
0.21855	0.21855	0.21855	0.21855	0.21855	0.24863	0.291635	0.338635
0.52230303	0.57956328	0.90785538	0.87095433	0.75134403	0.83075439	0.90136356	0.93784599
0.03243	0.03196	0.03431	0.031255	0.0352787	0.03838644	0.05747418	0.05776192
1.97690201	1.85878546	2.24999579	2.56014701	2.43409083	2.70364887	3.36959762	3.56019268
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12.2460817	13.367774	14.5402461	14.9931683	15.1606989	17.4623021	20.5121846	21.0320255
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0.133385	0.1258445	0.16487607	0.17495757	0.67572543	0.87889337	0.96126637	1.06719068
0.17108	0.17108	0.17108	0.17108	0.17108	0.19458	0.22795	0.264845
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0.14288	0.14288	0.14288	0.14288	0.14288	0.14664	0.154865	0.161445
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0.3906454	0.386887	0.3859482	0.4007456	0.7584954	0.8034054	0.8262342	0.8511776
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0.000047	0.000047	0.000047	0.000047	0.000047	0.000047	0.000047	0.000047
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0	0	0	0	0	0	0	0
0.00564	0.00564	0.00564	0.00564	0.00564	0.00987	0.0141	0.019035
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3.31623881	4.06519648	4.48331714	5.38496881	5.61248567	5.68236898	5.61851851	6.00178437
5.07467338	5.33231195	5.95878448	6.19720365	5.76197121	6.00925035	6.09279027	5.91345072
0.09351124	0.35625724	0.46772524	0.44383924	0.44903098	0.57018771	0.59862881	0.62849813
0	0	0	0	0	0	0	0
0.129955	0.129955	0.129955	0.129955	0.129955	0.20022	0.26508	0.332525
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0

0.970168	0.98896	0.98896	0.98896	1.01381493	1.0098535	1.02594637	0.99227207
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0.00585131	0.00585131	0.00585131	0.00585131	0.01502405	0.02055325	0.02536488	0.03189334
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1.41360155	1.55357105	1.79533655	2.38066355	2.59704598	2.63525677	2.66074358	2.71167989
20.2368938	21.4528097	23.0157093	24.3949106	25.8353157	27.1689681	28.0912759	28.9502782
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0.329235	0.329235	0.329235	0.329235	0.329235	0.48833	0.69513	0.93906
0.4682616	0.2672145	0.33465435	0.54079125	0.6184107	0.72656895	0.4682616	0.4733514
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0.079007	0.079007	0.079007	0.079007	0.079007	0.110262	0.133762	0.155147
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0.51678	0.4106052	0.5195988	0.535572	0.3260412	0.4312764	0.4698	0.544968
0.0856818	0.0991494	0.1105272	0.1156356	0.1005426	0.083592	0.084753	0.0854496
0.22104845	0.12708845	0.15809525	0.25487405	0.29158438	0.34236007	0.22118948	0.22310699
0.73239123	0.74742483	0.79816323	0.80380083	0.7827235	0.86398944	0.88233031	0.89489886
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0.20539	0.20539	0.20539	0.20539	0.20539	0.27824	0.32618	0.364955
1.334232	1.4094	1.531548	1.616112	1.728864	1.804032	1.851012	1.8792
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0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0.62399787	0.62399787	0.62399787	0.64185027	0.79406547	0.95463636	1.07229713	0.86535634
0.000376	0.000376	0.000376	0.000376	0.000376	0.000517	0.000564	0.000752
0.1265958	0.1341597	0.1461027	0.1536666	0.1644153	0.1719792	0.1763583	0.1795431
0	0	0	0	0	0	0	0
64.6960279	66.1036023	70.0328724	72.5963427	66.8451396	71.4321816	75.4443688	79.1210148
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0.0983394	0.1003299	0.1043109	0.1811442	0.5360645	0.5439243	0.5640604	0.6837091
0	0	0	0	0	0	0	0
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0.23327068	0.31041435	0.27808314	0.34324055	0.32811508	0.3635218	0.39672672	0.44563516
0	0	0	0	0	0	0	0
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2.40088861	1.87453107	2.05620002	2.24919929	2.44232563	2.51563858	2.47862649	2.44509579
1.28056495	1.31407305	1.33694018	1.35603169	1.38020518	1.30304025	1.32384381	1.36926218
0.56718495	0.55809728	0.56938769	0.58153794	0.58283343	0.66348193	0.71311897	0.85485095
0.00394375	0.0039945	0.00396259	0.00390617	0.00361512	0.00368339	0.00371288	0.0036694
0.05357437	0.05637394	0.06391977	0.06520267	0.05185839	0.03440188	0.04229558	0.05185986
22.1161376	22.8466803	23.7998822	23.4876398	23.9562242	24.5803825	25.3778883	24.3548604
0.32536108	0.32958152	0.33748217	0.34990457	0.35218428	0.35523142	0.37438768	0.38678582
0.0053534	0.00480591	0.00476233	0.00440826	0.00435801	0.0043904	0.00459438	0.00538881
29.3543256	29.4203807	27.9054508	29.5386971	30.7660653	31.1593378	28.5662311	27.7383328

2.34077146	2.30716794	2.34611903	2.361852	2.33358225	2.46037721	2.46872409	2.53457928
0.97829679	0.9786872	1.01700151	1.0321559	1.03386051	1.03722617	1.06314103	1.0839802
0.3262637	0.34815341	0.36292225	0.36477825	0.37971686	0.38016532	0.37723486	0.3787643
2.49393896	2.46963381	2.54725234	2.6427841	2.59085755	2.61323904	2.62773663	2.67895968
0.33857395	0.3621122	0.39056093	0.37380601	0.4031048	0.41249968	0.42515704	0.44344709
1.28140708	1.19443431	1.11017498	1.15234579	1.19338385	1.21506213	1.24397928	1.28812432
6.58635187	6.6044536	6.59745995	6.41040943	6.91966293	7.12379666	7.56703433	8.03908522
4.08957251	4.25485262	4.24210934	4.32601256	4.57685098	4.65464853	4.35936013	4.41970925
0.00338068	0.003736	0.00403042	0.00357912	0.00379865	0.00387096	0.00410974	0.00412448
0.00624663	0.00612584	0.00635418	0.00548419	0.00521421	0.00646349	0.00666513	0.00562499
0.64053304	0.63859948	0.65938162	0.69801792	0.71173023	0.71054598	0.70557713	0.69123804
6.63558555	6.74734636	6.82145281	6.92893424	6.97179646	6.99136204	7.00525181	7.18164879
0.0504967	0.0514024	0.05235263	0.05372241	0.05464623	0.05477108	0.05604066	0.05643691
0.00097546	0.00090096	0.00081055	0.00063579	0.00064714	0.00066021	0.00074596	0.00077912
1.5803535	1.66043423	1.70582414	1.8588339	1.95468274	2.05360437	2.1590227	2.37859979
38.1883898	39.7765439	40.8984786	43.2887758	44.6289383	48.3748055	51.2661195	50.6792943
0.0209882	0.02049472	0.02119879	0.02129448	0.01939982	0.0201806	0.02109951	0.022863
0.06117538	0.06044037	0.06024977	0.06118096	0.06074922	0.06040433	0.06044214	0.06009904
0.05335293	0.05461352	0.05560752	0.05681537	0.05830729	0.06006938	0.06136276	0.06291457
0.88735163	1.02131409	1.05346194	1.1505888	1.26021916	1.39706053	1.50739743	1.41221766
0.32981248	0.35160715	0.37083374	0.38965536	0.40167892	0.42227709	0.46018557	0.52413547
9.26133172	9.19444249	9.37024167	9.31884503	9.84004104	10.4410633	10.7104384	11.1624646
1.50009681	1.513722	1.57053106	1.5784509	1.58644658	1.65299531	1.67556778	1.7382967
2.67678101	2.77881548	2.71665303	2.7968152	2.79176104	2.74443759	2.75753886	2.82560316
95.0867969	96.9982408	97.9375878	95.8879968	102.631746	108.120862	117.517958	125.919883
0.49548803	0.5083336	0.51615963	0.52411509	0.55864336	0.58856166	0.64490055	0.65697952
1.29316461	1.24478948	1.21491368	1.24917817	1.3346673	1.41794873	1.56120049	1.6383604
0.91677403	0.9389378	0.95759192	0.97835961	1.00070701	1.01552122	1.02225656	1.02434262
0.09807112	0.09824839	0.0989426	0.10152174	0.10527012	0.10776706	0.11217764	0.11521778
0.00184811	0.00146204	0.00176914	0.0021312	0.0022886	0.00482261	0.00472758	0.00500044
9.34386751	9.56620178	9.77078024	9.97622202	10.1689432	10.5706421	10.8007613	10.7972366
0.02914792	0.02948021	0.0300911	0.0308166	0.03135311	0.03196279	0.03223212	0.0328652
0.01284333	0.01385344	0.01339959	0.01164715	0.01122867	0.01155326	0.01205816	0.01309112
0.86638201	0.89889104	0.93505042	0.92813566	0.93177117	0.93545983	1.02803896	1.05673763
5.18621075	5.08864416	5.06404796	5.1078508	5.20380319	5.44236342	5.63975689	5.6499388
0.0014001	0.00142756	0.00147195	0.00155722	0.00161078	0.00175262	0.00186055	0.00186727
0.19478367	0.1934553	0.1924371	0.12958284	0.14301272	0.10099885	0.09101486	0.09412989
5.41828054	5.44781169	5.5112356	5.5868248	5.65308943	5.75454991	6.24907565	6.64222653
27.336072	27.2154258	27.4361022	27.8651826	28.0621532	28.9275084	29.2358063	29.8136535
0.05526007	0.0565547	0.0557408	0.057333	0.06166816	0.06383015	0.06923639	0.07249351
0.00312062	0.00330239	0.0034721	0.00364145	0.00386499	0.00407661	0.00429478	0.00448178
4.75886575	4.83687044	4.86816223	4.59201773	4.71963078	4.78777187	4.99102171	5.07598317
0.87360072	0.90585476	0.93592837	0.95107122	1.04766088	0.98819448	1.0492487	1.01576488
1.49859924	1.54178853	1.48115541	1.37157866	1.458914	1.47532352	1.54965539	1.60680809
1.46217854	1.49285515	1.52997336	1.54935287	1.5653774	1.80244279	1.92819176	1.87817881
3.78875718	3.81056289	3.81621407	4.00693006	4.26486958	4.31700994	4.46010876	4.70507203
0.78401823	0.77879891	0.78075347	0.77126095	0.75878841	0.75768717	0.76651436	0.77771666
0.01892563	0.02073904	0.02101932	0.01980889	0.02073238	0.02143015	0.0225415	0.02304916
8.23667766	8.20721911	8.4179122	8.25886456	8.72141341	8.82717043	8.90747001	9.43339015
0.737344	0.74983499	0.75712755	0.7803968	0.78409592	0.80716654	0.82722411	0.85336385
11.8952216	11.7956961	11.8232471	11.7555869	11.4012603	11.2603109	11.320412	11.3897541

2.54647169	2.5333193	2.5384038	2.52449534	2.51378943	2.53028261	2.46602411	2.48236296
0.11094007	0.11396068	0.12009595	0.12643032	0.12879806	0.1318886	0.13644047	0.1353392
0.03966236	0.0394896	0.03639961	0.03600887	0.0368192	0.03717119	0.03720351	0.03774309
25.7271042	25.989083	26.5828117	25.6893066	26.4047856	26.8965294	27.2051583	28.4213542
0.00533386	0.0054783	0.00549876	0.00552107	0.00551043	0.00576651	0.0056866	0.00558008
0.02588049	0.02720663	0.02780275	0.0282209	0.02907387	0.03254386	0.03472822	0.03713309
16.8509224	17.2791283	17.8995506	17.3272319	17.5202909	17.5297873	17.3156784	17.5933075
0.57520202	0.5851074	0.59136915	0.60484629	0.60673574	0.5929486	0.61009647	0.62641585
0.56299118	0.59698357	0.58128667	0.63776517	0.61914483	0.6046078	0.58736812	0.58619395
0.50278582	0.51046186	0.53646269	0.55694636	0.57692353	0.58441577	0.58727248	0.59063416
0.03628299	0.03443898	0.035786	0.03562895	0.03647708	0.03869542	0.03966887	0.04145594
0.1087907	0.11288067	0.11453776	0.11652367	0.11927747	0.12096325	0.12218026	0.12382979
0.12638973	0.13047691	0.13355972	0.13756094	0.14251221	0.14806012	0.1534456	0.15762792
0.00463555	0.00472998	0.00461409	0.00470054	0.00488084	0.00478252	0.00486584	0.00490937
2.81600553	2.86164663	2.931679	3.20598727	3.23178099	3.374239	3.34720629	3.5831353
0.00458614	0.00427152	0.00438752	0.00415166	0.00380724	0.00431078	0.00457674	0.00491112
0.00201505	0.00210843	0.00127549	0.00133123	0.00127893	0.00125325	0.00091081	0.00109819
0.96692355	1.0114954	0.99786886	0.94844095	0.9345823	0.91111712	1.00124225	1.02704005
0.00319772	0.00314418	0.00296556	0.00287138	0.00293104	0.00291204	0.0034167	0.0037947
1.31291835	1.31264863	1.31630047	1.31998373	1.32473451	1.32534105	1.32780957	1.32208162
0.03742141	0.03840593	0.03033086	0.02636208	0.02634628	0.02903782	0.03279602	0.03523321
1.16326522	1.1735399	1.15479796	1.17779076	1.19029656	1.20129444	1.21749163	1.23038168
1.69835336	1.69875453	1.73054122	1.82883599	1.86142034	1.9038327	2.03435876	1.99227296
0.80889258	0.82771473	0.81191407	0.77882401	0.76774714	0.78545611	0.80905694	0.83064443
5.07653164	5.01298006	4.94087838	5.37413756	5.52611235	5.25507417	5.72847925	5.75118411
32.5481511	32.5762042	32.5932556	32.7053215	32.7407432	32.8621345	33.7429356	34.4415141
52.1779688	52.6873712	52.9376977	54.5714694	55.8135973	58.8472439	62.3088699	64.277567
4.36240943	4.31980258	4.54209321	4.77973508	4.88235742	4.82794593	5.20512426	5.41854492
6.58400554	6.62506881	6.7774894	7.16098719	7.03094252	7.25017811	7.65012078	7.53682114
1.92016922	1.98610869	1.83476161	1.86235659	1.83529492	1.91352951	2.01298211	1.97945591
0.23057097	0.23607303	0.24138144	0.24665588	0.2495637	0.24889838	0.24884126	0.25060905
0.36748504	0.37693427	0.39051581	0.42287408	0.47605821	0.47436013	0.49447768	0.48801241
9.64633254	9.53069403	9.64592406	9.54695378	9.62255406	10.9131121	11.3269797	12.8483178
0.17447914	0.17309825	0.17332643	0.1745508	0.17813578	0.17909534	0.18105618	0.17868235
0.12864841	0.13685725	0.141335	0.14517925	0.13327591	0.12047034	0.1177054	0.13322408
7.34268671	7.31887526	7.34631243	6.5538144	6.2522051	6.71262061	6.73911844	6.91940406
13.5396626	13.6263258	14.1347904	13.9958156	13.8780228	14.5058959	14.3246438	14.8920755
4.30844377	4.41801689	4.41905101	4.42408932	4.50279576	4.41878936	4.52709529	4.93592084
1.56352691	1.59030152	1.60787592	1.65003138	1.66757108	1.69527873	1.72037695	1.76827722
1.489513	1.37536672	1.25331342	1.14377262	0.97408984	0.73754373	0.64839167	0.61512892
0.00164202	0.00166305	0.00170643	0.00173346	0.00176804	0.00177251	0.00177505	0.0017788
0.00469936	0.00462924	0.00446251	0.0044767	0.00445047	0.00481966	0.00489749	0.00492995
2.9867889	3.05021938	3.13899955	3.51074305	3.62628651	2.97062022	3.08001779	3.51817649
0.01948226	0.02128672	0.02161224	0.02322176	0.02458907	0.02509823	0.02690201	0.03585796
0.57299447	0.55078405	0.53390668	0.52668137	0.51585185	0.48702417	0.51331534	0.54500511
0.30389079	0.30481695	0.29911694	0.19166575	0.11319144	0.14895456	0.13877437	0.16280893
0.053849	0.05560287	0.05687176	0.05863894	0.05972206	0.0619108	0.06365352	0.06478111
0.28740955	0.29538733	0.32991648	0.3661342	0.48250371	0.506959	0.45916138	0.47070911
0.00629754	0.00605625	0.00589957	0.00584922	0.00589016	0.00612799	0.00644251	0.00670509
0.73017725	0.73318589	0.7393323	0.87672168	0.69865514	0.79017143	0.83987994	0.88872497
0.37315565	0.36227031	0.35394344	0.36643969	0.37613469	0.36827391	0.33136962	0.33776272

1.96948597	2.00932841	2.04652845	2.07784428	2.09208233	2.11348673	2.11178876	2.1781654
0.14272631	0.13971794	0.14500469	0.14911265	0.14622168	0.14441787	0.14487868	0.14610704
1.5771288	1.60370741	1.62732098	1.65916569	1.67265407	1.70684382	1.71771073	1.76127016
0.00062877	0.00065111	0.00066959	0.00067282	0.00069342	0.00069743	0.0007172	0.00073592
3.38077358	3.2647217	3.16938546	3.06694658	3.09555613	3.16001608	3.02437041	3.19454202
0.75808047	0.77675423	0.79511264	0.81057098	0.7953951	0.80168154	0.81480854	0.84359038
3.82654174	3.92015277	3.98769398	4.06098774	4.11139123	4.13264854	4.2043091	4.60093209
0.00040651	0.00044729	0.00045862	0.00047157	0.00057251	0.00048594	0.00050486	0.00052006
14.8334158	15.0410151	15.1958613	16.2755314	17.3808867	18.4245957	18.7189134	18.7515875
0.69626868	0.67967479	0.68445465	0.71160014	0.71973851	0.74034682	0.77624439	0.75611055
2.61695689	2.26617769	2.05425401	1.81216336	1.993543	2.10490483	2.13623681	2.31747486
0.01495645	0.01409009	0.01419276	0.01361655	0.01416781	0.01619159	0.01710076	0.01663801
4.33403835	4.38101262	4.50820437	4.51337236	4.62546758	4.68125943	4.79215965	5.04849323
2.39070824	2.41120233	2.43406642	2.4653491	2.57509159	2.59489163	2.54812266	2.48825452
0.71313621	0.68654078	0.73001434	0.74770189	0.74006269	0.69523417	0.70929341	0.72118227
1.14390644	1.03455702	0.9982117	0.81832797	0.84351405	0.89447037	0.93391833	0.95002459
0.02682226	0.02745603	0.02730751	0.02703068	0.02734003	0.02820141	0.02872784	0.0283261
0.08978851	0.09072325	0.0893325	0.07391019	0.07639227	0.07227105	0.0899034	0.07935538
0.34939943	0.37395942	0.38729472	0.41364787	0.41871977	0.45093551	0.46618148	0.48098597
4.99066665	4.99680103	5.00361479	4.79369028	4.86736648	4.91322611	4.98056993	5.08908003
1.54029258	1.57123658	1.58171543	1.7306078	1.22472834	1.23004693	1.41385466	1.42474004
0.06042086	0.05772984	0.06046153	0.05565266	0.05725182	0.05696081	0.05662361	0.06082522
2.49234033	2.53910617	1.82158941	1.88739883	2.03470241	2.20180725	2.39503441	2.49211923
5.69505386	5.84644577	6.15714145	6.36440265	6.6543927	7.0528149	7.25701511	7.4666149
2.05872833	2.04299894	2.07559424	2.06483985	2.07954303	2.15044706	2.26290851	2.27339211
5.22965365	5.34524047	5.55343256	6.21916191	6.36398066	6.24964162	6.35032806	6.49056807
1.02190599	1.02626078	1.04455065	1.03808941	0.98743156	0.99436376	1.01803911	1.02130893
1.44907258	1.48195425	1.52267194	1.56509368	1.62202874	1.67573252	1.73922402	1.78797849
7.33214321	7.68683817	7.44391773	7.62694559	7.54944836	7.63018709	7.60494853	7.63504874
0.05179383	0.05877688	0.06713141	0.07876811	0.08857037	0.09788091	0.10604665	0.11042215
8.25458933	8.44525233	8.68667759	9.03508124	9.69950046	10.3409161	10.8778973	11.8219267
0.50252058	0.51286313	0.52714907	0.53408012	0.54041678	0.54891954	0.5606006	0.56854306
3.37729964	3.22878648	3.17664871	3.37573624	3.19669495	3.32189974	3.33614621	3.26846404
4.65506521	4.75601643	5.08199166	4.8459449	4.267158	4.00677953	4.18673412	4.52715042

0.1290927	0.13504866	0.14104453	0.14866338	0.15266112	0.15667609	0.15782022	0.16065409
18.1359061	18.4046788	18.8718461	19.6558341	19.9988267	19.655836	19.8912242	20.4484994
0.23902434	0.24296243	0.2476771	0.24145429	0.24762912	0.25892919	0.27036478	0.25944354
1.91533123	1.93112229	1.95040001	2.03035745	2.11601319	2.81132619	3.15936821	3.69496493
1.95126015	1.97149034	1.99863113	1.80812908	1.95673949	1.89352772	2.05804581	2.14916272
1.6350741	1.67596428	1.7676081	1.82993055	1.92545244	2.12560247	2.23029894	2.24645519
0.00788668	0.00765643	0.0074553	0.00730595	0.00746492	0.00767505	0.00783719	0.00814837
0.00875916	0.009104	0.00953672	0.00961475	0.01116641	0.01226046	0.0132142	0.01279898
0.02762357	0.02716609	0.02884141	0.0302998	0.0301379	0.03537192	0.03892461	0.03067629
8.17992416	8.44466349	8.6191401	8.96179327	10.5399848	9.9227134	10.0686164	11.2496537
52.3640898	53.0742438	54.649267	55.4951243	55.2990014	58.0000608	58.7101014	60.8282112
0.31631035	0.31287029	0.32111895	0.30620841	0.31129391	0.30053158	0.3041833	0.31899697
0.34257201	0.34640171	0.38732606	0.44834471	0.48991823	0.54613657	0.55476197	0.61242901
2.99459072	2.97888572	3.05588755	3.25282498	3.31058045	3.35897861	3.40103505	3.35367448
7.28537753	7.42944478	7.95602146	8.15938125	8.83324056	8.86330052	8.67978835	8.91301009
1.22422186	1.17285103	1.0723904	1.08797865	1.1189904	1.15285584	1.18878948	1.20721094

0.05540108	0.05545554	0.06268685	0.0596096	0.05539395	0.05692478	0.06420392	0.06177395
0.00066944	0.00070746	0.00064348	0.00066883	0.00072252	0.00076228	0.00078541	0.00086911
0.01005323	0.01112123	0.01194652	0.01396375	0.014728	0.01564587	0.01622085	0.01661612
0.14048828	0.14291288	0.14506376	0.1483107	0.15227016	0.15609555	0.1594932	0.16358718
0.90358937	0.91805086	0.88923322	0.8744065	0.88434822	0.9726387	1.04094978	1.10463357
3.43998957	3.52443358	3.47124988	3.28593149	3.60093169	3.53673358	3.84167919	4.190943
0.00222347	0.00195879	0.00219878	0.00193315	0.00232796	0.00285666	0.00246333	0.00233981
0.05891039	0.05820089	0.05926823	0.05918257	0.05939874	0.05950773	0.06032462	0.06371135
1.4204765	1.43405259	1.46118747	1.51344736	1.52643049	1.4920913	1.66218601	1.74349706
0.74839742	0.74899104	0.76608886	0.80838432	0.82648992	0.85162703	0.91035316	0.89320448
3.92387929	3.92144303	3.94081224	3.87480242	3.91485981	3.93176796	3.93594969	3.94266968
0.32375792	0.33199681	0.33819311	0.33954396	0.34734057	0.35158084	0.35149745	0.35705246
0.00230493	0.00278433	0.0028409	0.00306297	0.00327714	0.00317037	0.00258136	0.00286035
0.84999416	0.88981161	0.80241406	0.92697872	1.00159369	1.1310957	1.18212986	1.31632468
1.97434675	2.10984569	1.85391188	1.46216439	1.54678383	1.5733384	1.6632885	1.75422431
0.16932347	0.19291675	0.19561245	0.2000153	0.21492433	0.21818885	0.21507016	0.22301371
6.36190754	6.19924638	6.32393848	6.3755328	6.54668432	6.98130092	7.12781063	7.37063448
0.96653317	0.98661172	1.00027628	1.03338095	1.05153079	1.0727294	1.09504064	1.12228659
1.27985922	1.29524753	1.30517719	1.3631849	1.37720506	1.41311705	1.48351058	1.52341006
0.13140916	0.13853795	0.1390178	0.1369451	0.12152797	0.10693498	0.08914122	0.07590204
0.0062887	0.00638786	0.00762469	0.00829511	0.0101957	0.01147821	0.01294387	0.01691219
0.08960916	0.09222676	0.09202202	0.0852171	0.08018123	0.08419936	0.07919772	0.08522788
0.78908338	0.84823763	0.83593148	0.86743923	0.90309285	0.89884366	0.91471424	0.83277735
10.7817431	10.6996155	10.8008897	10.4314004	11.4642823	12.5000938	13.0631427	13.3924156
1.67099761	1.67086647	1.69871745	1.58816102	1.82727862	1.78219886	1.86505258	2.00353312
4.20826241	4.25905593	4.29115078	4.38328028	4.50464604	4.66704701	4.77820087	4.87146286
2.01912935	2.09851905	2.16078263	2.21135113	2.29060887	2.3515817	2.32736593	2.51535998
19.9606054	20.3553134	20.9042662	21.363942	21.3616433	22.4589714	22.9073185	23.8362807
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107.580027	108.289716	110.409747	108.774206	119.960007	119.818825	116.395797	118.034536
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0.00479609	0.00492523	0.00540006	0.00548778	0.00553592	0.00558945	0.00575533	0.00584231
3.52102552	3.58972651	3.65143119	3.87713604	4.03691128	3.99919429	4.39746246	4.70037667
0.00210302	0.00215178	0.00219895	0.00230962	0.00233599	0.00243342	0.00246341	0.00242456
3.98875256	3.98827318	4.0998047	4.09718259	4.31435439	4.64201077	5.01110471	4.5942733
0.04851231	0.04900607	0.05461189	0.0573485	0.05992089	0.06259124	0.06029936	0.05821404
0.01442991	0.01457442	0.01482208	0.01574307	0.01684377	0.0173527	0.01715242	0.01760446
0.87461546	0.85830044	0.82032287	0.88754674	0.93179449	0.85233872	0.86192884	0.86412801
8.84464141	8.9222333	8.91375606	9.2828481	9.66875777	9.84213227	10.1783084	10.4319284
4.01087423	4.03985048	4.04835979	4.11603224	4.14195168	4.26332267	4.30510245	4.24873323
2.99128793	3.01875389	3.00076983	3.07938759	3.23435206	3.22447097	3.26954653	3.06951743
2.443E-05	2.764E-05	3.351E-05	3.2604E-05	3.1753E-05	4.993E-05	5.8151E-05	6.9676E-05
0.00363071	0.00360523	0.00381241	0.00423463	0.00390042	0.00384062	0.00378913	0.00388937
0.09029422	0.09079704	0.09147533	0.09236175	0.09350766	0.0948267	0.09642661	0.09873401
2.4887E-08	2.6382E-08	2.6603E-08	2.5792E-08	2.6808E-08	3.112E-08	3.1586E-08	4.9007E-08
0.01907405	0.0192676	0.01961944	0.01983787	0.02026069	0.02042207	0.02068806	0.02128518
0.00041406	0.00037576	0.00039345	0.00037576	0.00027993	0.00030208	0.00029567	0.00024372
0.29276904	0.31165737	0.32994877	0.36149595	0.38836753	0.39714602	0.42969739	0.43954716

0.05374892	0.05657252	0.05926031	0.06160687	0.06729971	0.06892165	0.07059016	0.07231255
5.6338E-05	6.021E-05	7.0697E-05	6.1895E-05	5.5637E-05	9.2238E-05	0.00010275	0.00011782
0.36567795	0.36958311	0.42719158	0.32104385	0.32270869	0.32565158	0.33451394	0.34478164
0.06327843	0.06185184	0.06838526	0.06307681	0.06253357	0.064193	0.06327628	0.06556786
0.15138768	0.1597018	0.16766045	0.17441255	0.19185044	0.19667737	0.20163642	0.20672281
0.05258221	0.05449577	0.05374297	0.05430777	0.05713887	0.05821192	0.05846561	0.06097521
0.17426863	0.18885416	0.18305496	0.16643603	0.16531981	0.15703662	0.1624028	0.18391829
0.03607732	0.03683079	0.037564	0.03836411	0.03914893	0.03992632	0.04075249	0.04168979
0.09521549	0.09736956	0.09889996	0.09907262	0.10471559	0.10609855	0.10816043	0.11063348
0.81892721	0.82720687	0.83396422	0.84943983	0.85894222	0.86565604	0.87174689	0.87719016
0.071452	0.07222706	0.07778559	0.07354214	0.0766104	0.07297054	0.07000784	0.06525483
7.0198E-05	6.7692E-05	6.0728E-05	6.3235E-05	6.4488E-05	6.5741E-05	6.6995E-05	6.8248E-05
0.0007287	0.00076972	0.0008779	0.00079874	0.00073733	0.00109489	0.00119925	0.00134697
0.0170001	0.01115888	0.01034704	0.01149634	0.01261621	0.01267128	0.01294761	0.01200868
0.3207095	0.33665514	0.35168549	0.36523701	0.39663077	0.40641617	0.41555385	0.42485082
0.00042977	0.00045694	0.00044517	0.00045503	0.00044809	0.00045771	0.00047588	0.0005007
7.6458E-05	8.1714E-05	9.5946E-05	8.4E-05	7.5507E-05	0.00012518	0.00013944	0.00015989
0.00779283	0.00805246	0.00829433	0.00856147	0.00881129	0.0090379	0.00924968	0.00947386
1.24609198	1.29331857	1.34067101	1.35432468	1.36490272	1.39557347	1.41112234	1.3671656
0.00017687	0.00018567	0.00020933	0.00018893	0.00017203	0.00026029	0.00028413	0.00032208
0.0007184	0.0006866	0.0006548	0.000623	0.0005912	0.0005594	0.0005276	0.0004958
0.01137123	0.01145564	0.01163241	0.01195383	0.01195724	0.01230807	0.01266857	0.01366756
0.00752858	0.00776814	0.00836297	0.00863327	0.00891311	0.00919401	0.00949505	0.01012426
0.02634109	0.02732037	0.02842756	0.02970621	0.03153672	0.03264608	0.0334191	0.03457958
0.25266285	0.26043973	0.53669067	0.54499175	0.53277255	0.54018154	0.51598184	0.60590275
0.06811806	0.06745257	0.07377603	0.06458362	0.06647268	0.07113828	0.07012777	0.07047893
0.05544237	0.05422519	0.05264389	0.05254885	0.05316551	0.05414763	0.0551985	0.05577265
9.27529556	9.7363252	10.1951837	10.541293	10.8742171	11.0931491	11.5072115	12.0363011
0.04746334	0.05016438	0.04956748	0.05232591	0.0544983	0.0591037	0.06275146	0.06581794
0.09863415	0.10051852	0.10268454	0.1050321	0.10747777	0.11025879	0.11352207	0.11686542
0.18541063	0.19050374	0.19585678	0.20134942	0.20689612	0.2128172	0.21951229	0.22621661
0.00952911	0.00975411	0.00998488	0.01022915	0.01049306	0.01068793	0.0108875	0.0110795
2.23E-05	2.0765E-05	2.648E-05	3.6298E-05	2.2955E-05	2.1005E-05	1.5392E-05	1.8975E-05
0.21556115	0.16889274	0.16151702	0.176165	0.22448617	0.22398905	0.23205639	0.23945163
0.00090275	0.00094131	0.00096991	0.0009737	0.00111639	0.0012692	0.00132431	0.00140791
0.00137007	0.0014129	0.00142326	0.00145719	0.00168122	0.00169357	0.00173642	0.00186196
0.00472534	0.00484107	0.00495998	0.00505675	0.00518202	0.00533561	0.00546789	0.00561835
0.07506279	0.07815473	0.08458001	0.08647701	0.09507719	0.09863712	0.10216754	0.10472661
1.509E-05	1.7203E-05	2.1462E-05	1.9895E-05	1.8877E-05	3.2942E-05	3.8531E-05	4.6285E-05
0.00044382	0.00044748	0.00044308	0.00020071	0.00028365	0.00036395	0.00035833	0.0003621
0.27873287	0.27325411	0.2739911	0.26466399	0.32655726	0.34021841	0.36415179	0.37872646
1.18266718	1.18711976	1.20173801	1.13861568	1.12201254	1.14563974	1.11202954	1.10057923
0.00147182	0.00149179	0.00157095	0.00171632	0.002634	0.00261288	0.00284576	0.00358504
7.0594E-05	6.7981E-05	6.9532E-05	7.206E-05	6.826E-05	6.6329E-05	6.6673E-05	6.713E-05
0.21283007	0.21187858	0.28468208	0.2335222	0.26228031	0.30833697	0.3088129	0.30906938
0.02047699	0.02064017	0.01985268	0.01993408	0.02010175	0.02128184	0.02209939	0.02320619
0.03616668	0.04133177	0.04757112	0.05134856	0.06054162	0.07064514	0.07462464	0.08364354
0.06826553	0.06815968	0.07154716	0.07696728	0.08019175	0.08289119	0.08551645	0.08702748
0.03039745	0.03213838	0.03170826	0.03290152	0.03292128	0.03423669	0.03434047	0.03508744
0.01184972	0.01217419	0.0125019	0.0128251	0.01313354	0.01346586	0.01372429	0.01395604
9.4364E-05	9.1696E-05	9.3281E-05	9.849E-05	0.00016986	0.00015634	0.00016363	0.00021182



0.48819756	0.53405602	0.5595547	0.46343811	0.46919673	0.49661543	0.61469359	0.67711834
0.05210294	0.05388765	0.05542354	0.05726675	0.06071052	0.06193295	0.06278329	0.06346603
0.4064015	0.41734473	0.42878359	0.43976435	0.44997164	0.4611824	0.47059432	0.4794009
0.33199106	0.33174882	0.33294673	0.32181478	0.30013908	0.30766183	0.31527891	0.32802553
0.00084715	0.00079987	0.00097356	0.0013223	0.00085768	0.00079715	0.00062102	0.00075849
5.8374E-06	5.9009E-06	6.2644E-06	6.0434E-06	5.6879E-06	6.5313E-06	6.8448E-06	7.2793E-06
1.24294176	1.33747	1.45153727	1.37065959	1.30425243	1.3102539	1.32110088	1.37344885
0.01728966	0.0176543	0.01814022	0.01857708	0.0190624	0.01948731	0.01989708	0.0202967
0.64118203	0.69237167	0.70722682	0.62469082	0.60558436	0.57257319	0.59453663	0.58037687
0.04635631	0.04626611	0.04574849	0.04665094	0.04622642	0.0464727	0.0459255	0.04484046
0.07644006	0.0805535	0.08387683	0.08321128	0.08601695	0.0884301	0.09149235	0.09382397
1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08
0.11692088	0.11854028	0.11774891	0.11645497	0.12062235	0.12046675	0.12166719	0.12247846
0.00016807	0.00017171	0.00018584	0.00017524	0.00016335	0.00020423	0.00021752	0.00023608
0.00368658	0.00380026	0.00388141	0.00386879	0.00426727	0.00436829	0.00450459	0.00483804
0.01291989	0.01346488	0.01392491	0.01454153	0.01577822	0.01687352	0.01835845	0.01929737
0.00368087	0.0037054	0.00374616	0.0038252	0.0038947	0.00397601	0.00404809	0.00411759
0.18263858	0.19856753	0.21781799	0.20371679	0.21415942	0.17954794	0.18901932	0.22116458
6.0362E-06	6.4511E-06	7.5747E-06	6.6316E-06	5.9611E-06	9.8827E-06	1.1009E-05	1.2623E-05
0.07761741	0.0797666	0.08305925	0.08258727	0.09946578	0.10111028	0.10416008	0.10920963
0.00020116	0.00019797	0.00020906	0.00019334	0.00018455	0.00021612	0.00023307	0.00024784
0.00295695	0.00549354	0.01446658	0.01797809	0.01960636	0.01636476	0.01543656	0.0163801
0.0023436	0.00189116	0.00161579	0.00226658	0.00204719	0.00219552	0.00284721	0.00268153
0.04139786	0.04243569	0.04415193	0.04449877	0.04556817	0.04668266	0.04750446	0.04901157
0.02445178	0.01605016	0.01488247	0.01653554	0.01814629	0.0182255	0.01862295	0.01727246
0.0429025	0.0440222	0.04510934	0.0463794	0.04783467	0.04916184	0.05042353	0.05174868
0.2507413	0.28198183	0.31810365	0.35135882	0.39125966	0.39717257	0.40452355	0.44790552
1.18673284	1.21921445	1.24326517	1.2747565	1.31213897	1.33723015	1.37359913	1.40878248
2.89287155	2.98644146	3.07663637	3.0924125	3.10108605	3.19514505	3.29698924	3.41776322
0.02216314	0.02100884	0.01956241	0.02158019	0.02045845	0.02112738	0.02333172	0.01986341
0.19936468	0.21842755	0.27544017	0.31242014	0.38366085	0.44715085	0.52018857	0.5192787
0.00522282	0.00479812	0.00518526	0.00614418	0.00680767	0.00704207	0.00746229	0.00737468
0.01969542	0.0254819	0.02904315	0.03661789	0.04009784	0.03897204	0.04281268	0.04566899
0.00319055	0.00345696	0.00356531	0.00351353	0.00358712	0.00347038	0.00349064	0.00330502
0.50079206	0.51859771	0.51826675	0.58787724	0.55895782	0.56654131	0.5835983	0.60040038
0.01581932	0.01620066	0.01952062	0.0201874	0.02274068	0.01390232	0.01492675	0.01526046
0.00076924	0.00069514	0.00070335	0.00076283	0.00085963	0.00096508	0.00096352	0.00103748
0.49562812	0.51124868	0.55798922	0.55385335	0.52918294	0.56603969	0.64415378	0.72975374
0.29318616	0.30888646	0.32384469	0.33675436	0.36996637	0.37899784	0.38831331	0.39775272
0.11308041	0.1173908	0.12172311	0.12486717	0.12846498	0.13181819	0.13694349	0.14324323
0.00524397	0.00551004	0.00576101	0.00598795	0.00657262	0.00670163	0.00686211	0.00702084
0.04869515	0.04942412	0.05083583	0.05123196	0.05106428	0.05040855	0.04971627	0.0483095
2.7195E-05	2.5627E-05	3.1189E-05	4.0702E-05	2.7488E-05	2.6197E-05	2.0823E-05	2.4738E-05
8.0482E-06	8.6014E-06	1.01E-05	8.8421E-06	7.9481E-06	1.3177E-05	1.4678E-05	1.6831E-05
0.08240406	0.08703471	0.10776114	0.11261191	0.11446894	0.12339066	0.14145409	0.14463474
0.00187857	0.00194995	0.00229682	0.00201699	0.00184452	0.00197858	0.00207645	0.00234199
0.01942779	0.01956654	0.01977813	0.02019929	0.02041973	0.02121803	0.02128801	0.02200468
0.00613167	0.00655123	0.00683441	0.00759671	0.00766257	0.00712433	0.00650344	0.00686652
0.02299088	0.02401921	0.02485714	0.02174163	0.02215158	0.02086954	0.03251417	0.03366457

0.01005655	0.01197759	0.01408094	0.01825248	0.0198786	0.02029037	0.01827052	0.02805446
6.3548E-05	6.513E-05	7.0681E-05	7.0304E-05	6.6254E-05	7.4244E-05	7.8128E-05	8.1501E-05
0.10501091	0.10501788	0.106923	0.10800933	0.11646965	0.11832698	0.11336195	0.11543249
0.07063965	0.07090247	0.07010895	0.07007946	0.07199949	0.07242544	0.07222155	0.07241896
0.12628131	0.13154426	0.13632593	0.14121343	0.15127266	0.15465546	0.15745709	0.16011112
0.00583352	0.00650123	0.00658707	0.00372846	0.00409441	0.00432408	0.00448355	0.00457531
0.09005334	0.09142418	0.09215725	0.09458397	0.09681627	0.09813387	0.09825902	0.09771514
0.00042586	0.00038885	0.00053908	0.00067607	0.00043668	0.00039612	0.00025696	0.00032282
0.07384094	0.07845605	0.08361165	0.0907936	0.0994592	0.10756438	0.12147547	0.12626087
0.03160497	0.03275687	0.03378213	0.0349381	0.03651738	0.03729356	0.0378675	0.03845582
0.04350213	0.04440982	0.04547573	0.04620675	0.04708988	0.04846331	0.04947414	0.05101373
4.4823E-05	4.4615E-05	4.7512E-05	5.3047E-05	4.7332E-05	4.8117E-05	4.5674E-05	4.8256E-05
0.37338745	0.4023425	0.41773698	0.46866128	0.52869831	0.55229469	0.56428783	0.60529925
0.00215029	0.00141145	0.00130877	0.00145414	0.00159579	0.00160275	0.00163771	0.00151894
0.03872517	0.03960885	0.04073536	0.04190598	0.04293321	0.04286493	0.042927	0.04472312
0.00019753	0.00014967	0.00024539	0.00021121	0.00017824	0.00021486	0.00016234	0.00013987
0.24931167	0.25522597	0.2617319	0.26702082	0.27209541	0.27669043	0.28142698	0.28594976
0.006401	0.00630274	0.00677284	0.0073036	0.00704502	0.007099	0.00736554	0.00811005
0.17400407	0.17280398	0.17196655	0.17195946	0.17228379	0.17178551	0.1721963	0.17229828
0.01111585	0.01144186	0.01176035	0.01173545	0.01289755	0.01308076	0.01344727	0.01414757
0.00015825	0.00016346	0.00018095	0.00016746	0.00015397	0.00020976	0.00022671	0.00025074
0.00136346	0.00134862	0.00136861	0.00134786	0.00133408	0.00134013	0.00134619	0.00135455
0.04756496	0.04808819	0.0477913	0.04788213	0.0498547	0.05229295	0.05238942	0.05315004
0.02685623	0.02647259	0.02592294	0.02580889	0.02556744	0.02469837	0.02412791	0.02363524
0.00672202	0.00691402	0.00708066	0.00727442	0.00839339	0.00856852	0.00877394	0.00969991
0.00115187	0.00107298	0.00136298	0.00185164	0.00119164	0.00109452	0.00081161	0.0009957
0.02880989	0.02961125	0.03044395	0.03185421	0.03261695	0.03345329	0.03430826	0.03521456
1.32277595	1.35765732	1.39706675	1.4332174	1.47375464	1.51968346	1.57383578	1.62816981
0.02692182	0.02752463	0.02854371	0.02985303	0.03021293	0.03149273	0.03302449	0.03323494
0.12852236	0.13293554	0.13900113	0.11723797	0.1144714	0.12184531	0.11722243	0.13502174
0.01518802	0.01498753	0.01467735	0.01131384	0.01048667	0.07126221	0.07767651	0.08142458
0.29980154	0.30331693	0.30689223	0.31056265	0.31469122	0.31890686	0.32319262	0.32725625
0.02997684	0.03233315	0.04243072	0.04309595	0.04445453	0.04461065	0.04694776	0.04719943
0.00029753	0.00027688	0.00023557	0.00033196	0.00061423	0.00106862	0.00062111	0.00102731
0.60186595	0.61565474	0.64258777	0.62801253	0.6545696	0.66144854	0.67444659	0.69679294
0.0121947	0.01229044	0.01236928	0.01245644	0.01253842	0.01266827	0.01278612	0.01287005
0.1675073	0.16096169	0.15338647	0.16413714	0.15583391	0.16816223	0.16231782	0.15891295
0.25381287	0.25441358	0.26090089	0.26821592	0.27617736	0.28431579	0.29029021	0.29704354
0.0066296	0.0066296	0.0066296	0.0066296	0.0066296	0.0066296	0.0066296	0.0066296
0.01719148	0.01749392	0.01807933	0.01919349	0.01911262	0.01995969	0.02026082	0.02144385
0.43939038	0.46907509	0.4975338	0.52327926	0.56412536	0.61514097	0.62455451	0.66645136
0.01139577	0.01155582	0.01190955	0.01117635	0.01085766	0.01152819	0.01208525	0.01273107
0.07021774	0.0723961	0.07353942	0.0759189	0.07739954	0.08309321	0.08734834	0.0918069
0.09964894	0.10803583	0.11448333	0.09610708	0.09720765	0.0834163	0.0855513	0.11339492
0.03313789	0.03367254	0.03420846	0.03485834	0.03540987	0.03602537	0.03664634	0.03722112
0.00017745	0.00016623	0.00020868	0.00028182	0.00018193	0.00016762	0.00012577	0.0001528
7.0045E-05	7.1285E-05	7.8249E-05	9.2178E-05	7.2538E-05	6.9939E-05	7.3312E-05	7.5626E-05
0.00077819	0.0007665	0.00077869	0.00081547	0.00117042	0.00119166	0.00234552	0.00259241
0.10526258	0.11019382	0.11387738	0.1046428	0.10641179	0.11056447	0.10882092	0.13014282
4.9533843	5.16748559	5.36398865	5.55939196	5.95716781	6.09206192	6.20834733	6.32273912
0.08578481	0.08829124	0.09087747	0.09359885	0.09648686	0.09917268	0.10224685	0.10534549

0.00100649	0.00114814	0.00119229	0.00122621	0.00133554	0.00143836	0.0012154	0.00120938
0.04407712	0.02893225	0.02682735	0.02980719	0.03271076	0.03285354	0.03356999	0.03113559
0.07624952	0.07746985	0.07915562	0.08056769	0.08240127	0.08466516	0.08704556	0.08943904
0.01836177	0.01849257	0.01895155	0.01908447	0.01956194	0.02003061	0.02047857	0.02060764
0.00106433	0.00075742	0.00063082	0.00050692	0.00054457	0.00058837	0.00077949	0.00061966
7.0529E-08	8.3977E-08	8.2022E-08	7.821E-08	1.2737E-07	6.4031E-08	1.9607E-07	2.0191E-07
0.00036138	0.0003652	0.00039437	0.00044081	0.00040978	0.00042286	0.00041649	0.00044846
0.07150776	0.07229929	0.0710442	0.06969847	0.07187125	0.07365939	0.07363779	0.07536084
0.04848225	0.04993921	0.05133606	0.05279042	0.05429266	0.05591099	0.05755259	0.05926427
0.04983704	0.05059308	0.05201684	0.05672564	0.05761366	0.06105427	0.06102006	0.06463446
2.3771E-05	2.5107E-05	2.891E-05	2.579E-05	2.3422E-05	3.6301E-05	4.0062E-05	4.5438E-05
0.00072682	0.00075707	0.0007647	0.00078268	0.0008359	0.0008514	0.00086403	0.00090851
0.00065246	0.00065304	0.00071893	0.0006561	0.00063148	0.00086549	0.00089144	0.00096389
0.02284382	0.02399836	0.0235304	0.02315789	0.02332371	0.02304021	0.02210419	0.0242497
0.01002572	0.00658089	0.00610211	0.0067799	0.00744034	0.00747282	0.00763578	0.00708205
0.1928126	0.19519895	0.20728461	0.1670633	0.20579632	0.22312837	0.20656894	0.18779213
0.02190289	0.02248801	0.02307313	0.02371094	0.02438615	0.02506954	0.0258338	0.02700616
0.00017922	0.00017786	0.00018645	0.00020309	0.0003333	0.00032215	0.00034411	0.00044407
0.02967073	0.02974324	0.03210127	0.03406524	0.04197662	0.04801596	0.05237079	0.05456888
2.9963E-06	3.0351E-06	3.566E-06	3.296E-06	3.0415E-06	4.1418E-06	4.4799E-06	4.9601E-06
0.04557594	0.04674753	0.04813115	0.04832911	0.05017146	0.05145755	0.05244168	0.0542042
0.01379766	0.01413409	0.01446629	0.01456743	0.01489296	0.01528375	0.01565182	0.01603883
0.3048492	0.30594263	0.35008982	0.39343908	0.44544092	0.46273035	0.48381916	0.48364137
0.01878447	0.01960006	0.02036265	0.02111231	0.02208436	0.02259001	0.02303907	0.02356582
0.02233027	0.02348365	0.02458338	0.02556919	0.02781624	0.02830958	0.029025	0.02978832
0.00081546	0.00081668	0.00080965	0.00081561	0.00082971	0.00085379	0.00086084	0.00088154
3.0273E-05	2.8994E-05	3.4918E-05	4.4747E-05	3.2987E-05	2.9941E-05	2.4378E-05	2.8246E-05
0.00089945	0.00089184	0.00039567	0.00088355	0.00088664	0.00088317	0.00087806	0.00087354
0.04436829	0.04594481	0.04753036	0.04913856	0.05075711	0.0524985	0.05451373	0.05664904
0.49419706	0.53786523	0.56995509	0.59121138	0.63405472	0.69146923	0.77935599	0.64141095
0.04756066	0.05698722	0.07583172	0.09468824	0.10243014	0.10874195	0.10635609	0.12361707
0.12497165	0.12947423	0.13420427	0.13902777	0.14395727	0.14910072	0.15477364	0.16047048
0.13276617	0.13442443	0.135143	0.13460537	0.13706129	0.14184614	0.14711224	0.15248221
1.07954959	1.13518443	1.18803737	1.23457302	1.34214972	1.37576548	1.40812727	1.44184421
0.03065462	0.02998612	0.0309975	0.0319591	0.0351093	0.0323615	0.03772618	0.0414388
6.22793246	6.23037564	6.17842499	6.1004269	6.21079441	6.52352122	6.6479615	6.90927969
0.04677542	0.04898899	0.05108269	0.0531257	0.05716779	0.05751377	0.05898388	0.06060754
7.6769E-05	7.3283E-05	7.7283E-05	7.8564E-05	7.6587E-05	7.6224E-05	7.6302E-05	7.6008E-05
0.01314916	0.01337826	0.01338477	0.01261981	0.01233362	0.01261988	0.01337457	0.0147389
7.2554E-06	7.5097E-06	8.4512E-06	7.8207E-06	7.2407E-06	9.6817E-06	1.048E-05	1.168E-05
0.29107323	0.29274242	0.30602318	0.31074173	0.32729065	0.32251342	0.33182667	0.33849305
0.00016331	0.00015732	0.00018325	0.00022678	0.00017482	0.00017329	0.00015156	0.00017204
0.0002995	0.0002945	0.00031263	0.00034867	0.00030581	0.00030551	0.00032642	0.00034551
0.00141635	0.00145596	0.00141919	0.00153164	0.00196125	0.00169695	0.00176818	0.00191225
0.47543705	0.48579139	0.49351202	0.5041426	0.51691425	0.52014655	0.50659859	0.5104337
0.05915819	0.06115924	0.06289911	0.06466268	0.06687417	0.06950814	0.0720389	0.07461032
0.15677916	0.16273104	0.16802855	0.1723393	0.17815532	0.17691422	0.18290595	0.1828951
1.4769E-06	1.526E-06	1.5746E-06	1.5599E-06	1.583E-06	1.8328E-06	1.7799E-06	1.8029E-06
0.00187586	0.0021693	0.00156009	0.00218291	0.00192596	0.00189018	0.00226319	0.00184661
0.04384227	0.04750006	0.05153965	0.05293187	0.05073134	0.03882135	0.05779196	0.06188408
0.00153649	0.00181258	0.00121975	0.00170999	0.00151921	0.00147769	0.00199618	0.00160672

0.0152764	0.01476506	0.01687435	0.01495681	0.00997121	0.01022688	0.01035472	0.01022688
0.08260615	0.09055269	0.11798159	0.11825865	0.11509473	0.1423919	0.12806311	0.1462866
0.03647789	0.03562504	0.03357974	0.03141605	0.03375967	0.0316019	0.03763769	0.03605948
0.02358978	0.02295724	0.02343391	0.03002923	0.03238443	0.03547679	0.03928011	0.0426717
0.00158442	0.00166193	0.00157618	0.0015385	0.00161776	0.00195454	0.00167018	0.00160027
0.00090893	0.00096385	0.0010274	0.00108656	0.00113356	0.00119012	0.00123714	0.00137549
0.00041934	0.00043225	0.00042393	0.00042005	0.00042753	0.00042242	0.0004264	0.00043543
0.00243785	0.00250927	0.00215697	0.00194116	0.00352426	0.00938892	0.0216252	0.01935575
0.00380545	0.00385508	0.00386356	0.0039109	0.00395694	0.00404052	0.00408361	0.0041254
0.00072938	0.00073788	0.00075502	0.0007428	0.00076058	0.000758	0.0007927	0.00079686
0.00018244	0.00018244	0.00017677	8.9305E-05	0.00019032	0.00020827	0.00026074	0.00024718
0.00252543	0.0027135	0.00312475	0.00344079	0.00337598	0.00350257	0.00369367	0.00398435
0.00143277	0.00151044	0.00156885	0.00158611	0.00136639	0.00140364	0.00160415	0.00165902
4.9038E-06	9.0973E-07	9.8411E-07	3.1501E-06	3.919E-06	2.9397E-06	4.8129E-06	4.8139E-06
0.00825114	0.00770107	0.00797597	0.00907611	0.00852604	0.00852604	0.00935101	0.00935101
0.00355799	0.00381515	0.00409707	0.00438427	0.00459716	0.00478111	0.00495857	0.00527581
6.5097E-06	6.6175E-06	6.7828E-06	6.6335E-06	6.7929E-06	8.1658E-06	8.1729E-06	8.3081E-06
0.00596908	0.00756932	0.00622242	0.004517	0.00479875	0.00600041	0.00452948	0.00594899
0.12502198	0.14044013	0.14935759	0.17922181	0.20834526	0.18782651	0.2077512	0.23914821
3.8361E-06	3.9298E-06	7.9821E-08	1.4904E-07	2.8363E-07	5.3885E-06	5.3219E-06	6.0683E-06
0.00531276	0.00656638	0.00701949	0.00544073	0.00460955	0.00437068	0.00406855	0.00494934
6.0334E-05	6.1411E-05	6.1981E-05	6.6169E-05	6.2628E-05	6.3138E-05	6.5249E-05	7.0117E-05
5.3247E-05	5.5641E-05	5.7983E-05	5.9577E-05	6.2093E-05	6.3333E-05	6.6424E-05	6.7622E-05
0.04338257	0.04445443	0.04621392	0.04287902	0.04016871	0.0386007	0.03864312	0.04127746
0.00030532	0.00027313	0.0007604	0.00075749	0.0005801	0.00054713	0.00050191	0.00042337
0.02448918	0.0296324	0.03145376	0.02543	0.02636666	0.03173734	0.02184879	0.02098571
0.12577913	0.12744031	0.12943567	0.13224575	0.14161817	0.14328694	0.14611933	0.19180888
0.01122114	0.01152654	0.01193275	0.01218803	0.01252708	0.01296117	0.0132362	0.01371425
0.00194321	0.00196769	0.00199153	0.00205421	0.00207641	0.00209796	0.00215756	0.00221791
0.00474509	0.00482802	0.00491538	0.00503389	0.00509797	0.00524548	0.0053321	0.00541681
0.00728551	0.00691167	0.03239075	0.04674152	0.02885647	0.02740809	0.00881786	0.005231
0.01465666	0.01411279	0.01367454	0.01414822	0.01325483	0.01368306	0.01419874	0.01928426
3.1944E-05	3.3E-05	3.4135E-05	3.3509E-05	3.6475E-05	4.1049E-05	4.3445E-05	4.45E-05
4.0498E-05	4.1792E-05	4.198E-05	4.2358E-05	4.1806E-05	4.179E-05	4.3028E-05	4.1925E-05
0.00034828	0.00035927	0.00035157	0.0003247	0.00029143	0.00029652	0.0003021	0.00025556
0.00262708	0.00305644	0.00440853	0.00393732	0.00461055	0.00424808	0.00524678	0.00557963
4.0481E-05	0.00022126	0.00019942	0.00014166	9.9238E-05	0.00011294	0.0001216	0.00010593
0.00078384	0.0007839	0.00078392	0.00078451	0.00137845	0.00157143	0.00161466	0.00172157
0.07595256	0.06860565	0.06734007	0.0651381	0.05845328	0.06412717	0.06655173	0.07877881
4.4601E-05	4.6904E-05	4.8439E-05	5.3047E-05	5.1037E-05	5.2774E-05	5.7413E-05	6.0376E-05
3.2262E-06	3.4041E-06	3.6336E-06	3.9074E-06	4.211E-06	5.0084E-06	5.158E-06	5.2228E-06
2.1011E-05	0.00015905	0.00022791	0.00018063	0.00154362	0.00146861	0.00206719	0.00192583
0.00603205	0.00606371	0.00610427	0.00621361	0.00632161	0.00646331	0.00656321	0.00673562
0.04872632	0.08942503	0.12870394	0.09922152	0.08091873	0.11117414	0.12362295	0.12678895
0.00279695	0.00288446	0.00580655	0.00594193	0.00544883	0.00584224	0.00662749	0.00719256
0.04128402	0.0404447	0.04167726	0.04649931	0.04634335	0.04752133	0.04349503	0.04213294
0.00217171	0.00220745	0.00224756	0.00229204	0.00232752	0.00236563	0.00238868	0.00241465

0.01067753	0.01139974	0.01229389	0.01575872	0.01532699	0.01625102	0.01421538	0.01389637
0.00077266	0.00078811	0.00080564	0.00082291	0.00078055	0.00085006	0.00087428	0.00156679
0.0137331	0.01398878	0.01424695	0.01453956	0.0147782	0.01497368	0.01513962	0.01528412
0.0006005	0.00064905	0.00061466	0.00067565	0.00059947	0.0006034	0.00069654	0.00065981
2.4024E-05	2.4426E-05	2.3627E-05	2.5106E-05	2.5261E-05	2.6007E-05	2.617E-05	2.6313E-05
1.0037E-06	1.0271E-06	1.0598E-06	1.0601E-06	1.0758E-06	1.2702E-06	1.2713E-06	1.301E-06
0.06079549	0.0601613	0.06020755	0.05974931	0.06564771	0.07055216	0.06977792	0.06607971
0.00239607	0.00271888	0.0118837	0.0124885	0.01589936	0.01732283	0.01642135	0.01731074
0.06231923	0.06186967	0.06581422	0.06555267	0.06297298	0.06110576	0.06309614	0.07108672
3.5902E-06	3.7667E-06	3.9869E-06	4.1371E-06	4.3782E-06	4.6435E-06	4.8628E-06	5.0304E-06
0.00658	0.0065373	0.00648187	0.00823853	0.00840092	0.00859696	0.0087948	0.00902246
0.00041879	0.00042591	0.00043095	0.00042393	0.00042743	0.00042003	0.00044067	0.0004372
1.9916E-05	2.0102E-05	1.9258E-05	1.8356E-05	1.8073E-05	2.0868E-05	2.0396E-05	1.9646E-05
5.7752E-05	5.8909E-05	6.0616E-05	5.8981E-05	6.1853E-05	6.219E-05	6.5482E-05	6.8899E-05
7.6045E-05	7.7676E-05	8.018E-05	8.188E-05	8.517E-05	8.889E-05	9.9481E-05	0.00010041
0.00012145	0.00012047	7.9662E-05	7.9009E-05	7.8356E-05	0.00011655	0.00011557	0.00011459
0.00103369	0.00123281	0.00220606	0.00307116	0.00281425	0.00224256	0.00224138	0.00226424
0.00274045	0.00277504	0.00280899	0.00282694	0.00288342	0.00294078	0.00298648	0.00313671
1.4883E-05	1.5289E-05	1.517E-05	1.4539E-05	1.4585E-05	1.7838E-05	2.0124E-05	2.0241E-05
4.0481E-05	4.0155E-05	3.9828E-05	3.9502E-05	3.9175E-05	3.8849E-05	3.8522E-05	7.6397E-05
0.00033151	0.00036749	0.00036553	0.00035718	0.00034883	0.00035324	0.00035001	0.00035571
0.00323592	0.00309334	0.00348622	0.00532181	0.00491999	0.00549946	0.00448057	0.00463884
0.01866979	0.01883365	0.01899918	0.01915948	0.01935373	0.01954211	0.01977003	0.02002272
0.00265703	0.00251156	0.00277594	0.00290805	0.00243724	0.00261724	0.00264357	0.00286099
0.05900032	0.06663581	0.0704597	0.06853261	0.06431444	0.07050557	0.11516575	0.13147123
0.13026663	0.13209231	0.13350623	0.13984224	0.13893523	0.14058228	0.14202028	0.13760816
3.9393E-06	3.3868E-06	7.9063E-05	7.3911E-05	0.00023142	0.00015763	0.00018559	0.0002042
0.17806302	0.19886997	0.23378927	0.23349968	0.19968096	0.23383786	0.22237102	0.2170443
0.0624997	0.05720932	0.06702995	0.0716977	0.07831965	0.0981928	0.08032855	0.08436578
0.0015189	0.0016805	0.0018075	0.00170064	0.00197737	0.00158391	0.00182702	0.00191633
0.01854221	0.01909948	0.02318028	0.02534697	0.0247198	0.02495526	0.02606437	0.02531758
0.00100092	0.00103324	0.00102763	0.00105515	0.00108329	0.0010732	0.00109779	0.00108865
0.00451183	0.00196078	0.0023312	0.00284249	0.00284888	0.00331417	0.00333335	0.00426898
0.05307646	0.05631702	0.06435945	0.06541451	0.05649058	0.05851049	0.05688399	0.05113976
0.00354666	0.00376318	0.00400452	0.00424012	0.00439264	0.00460766	0.00477968	0.00552039
0.02560427	0.02632288	0.0270305	0.02787702	0.02870758	0.02953253	0.03039816	0.03134698
3.1333E-06	3.2873E-06	3.4795E-06	3.6106E-06	3.821E-06	4.0526E-06	4.2439E-06	4.3902E-06
0.00023871	0.00024762	0.00025846	0.00027148	0.00026298	0.00026145	0.00026826	0.00025655
2.0653E-06	2.0458E-06	1.9488E-06	1.8584E-06	1.8518E-06	2.1187E-06	2.2396E-06	2.2535E-06
0.00303365	0.00322374	0.00388096	0.0041867	0.00442941	0.00506483	0.00578524	0.00625489
0.1037873	0.10068272	0.08100995	0.05696119	0.04232803	0.03821619	0.03075074	0.03812148
0.00013873	0.00014326	0.00014443	0.00015371	0.00015424	0.00016268	0.0001664	0.00017007
0.00067114	0.00065836	0.00131671	0.00127836	0.00095877	0.00083093	0.00095877	0.00083093
0.00017751	0.00018318	0.0001912	0.0001971	0.00020186	0.0002054	0.00021664	0.00022105
0.0870554	0.05677256	0.04973496	0.02300619	0.02899359	0.03964976	0.04103397	0.04099466
4.1725E-06	4.2845E-06	4.7237E-06	4.8312E-06	4.795E-06	5.6253E-06	5.6121E-06	5.6317E-06
0.00033489	0.00033744	0.00030548	0.00027097	0.00025179	0.00026458	0.00025179	0.0002454
0.00015741	0.00015719	0.00014824	0.00014507	0.00015791	0.00015696	0.00015596	0.00015181
0.00125813	0.00135027	0.00145117	0.00155425	0.00163137	0.00169546	0.00175837	0.00185748
5.0085E-07	9.54E-08						

2.5148E-05	2.5651E-05	2.6221E-05	2.6783E-05	2.5405E-05	2.7667E-05	2.8455E-05	5.0995E-05
6.5312E-05	3.9138E-05	3.6216E-05	3.5738E-05	3.3192E-05	3.1781E-05	2.9979E-05	2.7735E-05
0.0004316	0.00048904	0.00050851	0.00052907	0.00049295	0.00049746	0.00054361	0.000537
1.4586E-06	1.4878E-06	1.5209E-06	1.5535E-06	1.4735E-06	1.6047E-06	1.6505E-06	2.9578E-06
6.3723E-06	6.5645E-06	6.5533E-06	6.951E-06	7.0052E-06	7.3449E-06	7.4243E-06	7.3151E-06
0.06075382	0.05922295	0.06025022	0.07141108	0.06515758	0.07222168	0.06304885	0.07401277
0.00143498	0.00133931	0.00138712	0.00157845	0.00148279	0.00148279	0.00162626	0.00162626
0.00014386	0.00014723	0.00015042	0.00015161	0.00015447	0.00015638	0.00016258	0.000164
0.01558967	0.01583213	0.01612709	0.0163213	0.01650588	0.01669942	0.01683136	0.01699848
9.8744E-05	0.00010311	0.00010123	0.000108	0.00010824	0.0001125	0.00011713	0.00011732
0.01336807	0.01316887	0.01299015	0.01280865	0.01272385	0.01252824	0.01245572	0.0124214
0.00013935	0.00014456	0.00015334	0.00015344	0.00016273	0.00016434	0.00017559	0.00018184
2.1436E-05	2.0997E-05	2.0439E-05	2.0961E-05	1.9364E-05	2.3318E-05	2.2666E-05	2.2081E-05
0.00012145	0.00012047	0.00011949	0.00011851	0.00011753	0.00011655	0.00011557	0.00011459
0.00059445	0.00060537	0.00062367	0.00062232	0.00063867	0.00065071	0.00068191	0.00068207
0.01053998	0.01128337	0.01143263	0.01395514	0.01504419	0.01625979	0.01585836	0.01589744
8.7037E-05	8.9845E-05	9.2079E-05	9.5394E-05	9.2417E-05	9.411E-05	9.6786E-05	9.9391E-05
4.2541E-06	4.2696E-06	4.3114E-06	4.4851E-06	4.1927E-06	4.414E-06	4.4793E-06	4.5069E-06
					0.00262537	0.00262537	0.00328171
0.14996266	0.19214168	0.22773552	0.28937274	0.21076753	0.24120489	0.19849906	0.19654734
0.00083095	0.00084425	0.00090505	0.00093196	0.000991	0.00096592	0.00099087	0.00099471
0.01714453	0.01815471	0.01886629	0.01797412	0.01730052	0.01898316	0.01918062	0.01643447
0.00155467	0.00749008	0.0073877	0.00786694	0.00782914	0.00807503	0.01189745	0.00681747
0.00013617	0.00020537	0.00023749	0.00025505	0.0002942	0.00037039	0.00036506	0.00047069
0.02624015	0.02621735	0.02624779	0.02700616	0.0919633	0.10122498	0.10028076	0.08126512
0.00379629	0.00385036	0.00394533	0.00402895	0.00410168	0.00417173	0.00428297	0.00445609
0.00046125	0.00051639	0.00045724	0.00050503	0.00054474	0.00044614	0.00047726	0.00063165
0.01093156	0.01069853	0.0107265	0.01108012	0.00971919	0.00994618	0.01021497	0.01024735
0.03613036	0.03588702	0.03694374	0.03772085	0.0383683	0.03865943	0.03907905	0.03995331
5.0097E-05	5.0097E-05	5.0097E-05	5.0097E-05	5.0097E-05	5.0097E-05	5.0097E-05	5.0097E-05
4.1574E-05	4.2699E-05	4.2087E-05	4.4893E-05	4.576E-05	4.8452E-05	5.0052E-05	4.9666E-05
0.01278957	0.01118793	0.0128	0.01318883	0.01249791	0.01340785	0.01382078	0.01471765
2.7704E-06	2.7664E-06	2.6822E-06	2.5601E-06	2.4376E-06	2.377E-06	2.4034E-06	2.5384E-06
0.00437222	0.00433696	0.00434153	0.00430594	0.00427036	0.00419592	0.00410279	0.0042537
0.00186492	0.0018968	0.00188019	0.00192197	0.00193116	0.00198168	0.001918	0.00218114
0.00236224	0.0024696	0.00252471	0.00261567	0.00266803	0.0027556	0.0028544	0.00295165
0.05795009	0.07058259	0.07652042	0.0636692	0.05346289	0.05425343	0.0447257	0.05265849
7.6334E-05	7.3081E-05	6.9411E-05	6.7918E-05	6.232E-05	6.2405E-05	6.3101E-05	6.1234E-05
0.00363787	0.0038303	0.00427304	0.00460799	0.00480971	0.0038467	0.00389536	0.00429501
0.12205151	0.12002822	0.13602244	0.14626902	0.15677382	0.17247278	0.18401221	0.21923185
0.02058066	0.02135632	0.02192988	0.0226394	0.02366494	0.02313976	0.02384868	0.02404068
0.17297699	0.23283659	0.32408855	0.33511685	0.25299785	0.32279095	0.32421929	0.28580139
0.00146638	0.00143442	0.00098165	0.00087837	0.00062442	0.00180345	0.00154818	0.00208549
0.05092007	0.05149332	0.05212729	0.05282259	0.0535735	0.05461008	0.05566071	0.056758
0.01101106	0.01098277	0.01099408	0.01097597	0.01104684	0.01100534	0.01098682	0.01105902
0.0031959	0.00482581	0.00504952	0.00556087	0.00485777	0.00504952	0.00562478	0.00631011
Cunha					1.0324E-08	2.1517E-08	2.2563E-08
6.69E-06	7.8632E-06	7.726E-06	7.7194E-06	8.2281E-06	8.3866E-06	8.4648E-06	8.4764E-06

0.00041193	0.00042603	0.00043515	0.00043426	0.00044514	0.00046038	0.00048171	0.00049455
0.00023858	0.00018049	0.00019868	0.00026548	0.00021382	0.00022595	0.00020612	0.00020929
0.00080944	0.00080682	0.0008353	0.00091435	0.00086697	0.00090287	0.00090128	0.00092479
1.0235E-05	1.0683E-05	1.1021E-05	1.1192E-05	1.132E-05	1.1319E-05	1.1825E-05	1.195E-05
0.00011768	0.00011944	0.00012178	0.00011865	0.00011762	0.0001366	0.00013135	0.00013096
0.0016727	0.00159805	0.00169767	0.00180677	0.00200973	0.00214275	0.00221113	0.00231308
8.1613E-05	8.9888E-05	9.0697E-05	0.00013862	0.00014927	0.0001626	0.00011656	0.00012376
0.00128476	0.00139766	0.00068785	0.00080186	0.00166365	0.00264013	0.00288826	0.00281396
0.00040484	0.00040157	0.00039831	0.00043454	0.00043095	0.00046621	0.00046229	0.00045838
3.9798E-06	4.1004E-06	4.1004E-06	4.5828E-06	3.9798E-06	3.9798E-06	4.1004E-06	4.221E-06
0.00211399	0.00202772	0.00200391	0.00194644	0.00239726	0.00352899	0.00422479	0.00479434
2.7243E-07	2.6411E-07	3.6336E-07	3.6348E-07	3.6885E-07	4.3551E-07	4.3589E-07	4.4607E-07
0.00050486	0.00051827	0.00054899	0.00054651	0.00055226	0.00055878	0.00058571	0.00059772
0.00493899	0.00501963	0.00509831	0.00509603	0.00517144	0.0052449	0.0053164	0.00538594
0.0981952	0.09974905	0.1025176	0.10399846	0.10676721	0.11364375	0.10427579	0.10828357
2.9857E-06	3.1325E-06	3.3157E-06	3.4406E-06	3.6411E-06	3.8617E-06	4.0441E-06	4.1835E-06
0.0008803	0.00090863	0.00094236	0.00097006	0.00096285	0.00103579	0.00107304	0.00157576
2.9302E-06	3.0243E-06	3.0697E-06	3.1449E-06	3.7035E-06	3.1604E-06	3.1919E-06	3.1548E-06
0.00438045	0.00408301	0.00480931	0.0058048	0.00571095	0.0059625	0.00653623	0.00558049
0.00326907	0.00352907	0.00346754	0.00334946	0.00341147	0.00344661	0.00367385	0.0036801
0.00045823	0.00065097	0.00309083	0.00437572	0.00428334	0.00445336	0.00452329	0.00478656
0.00307651	0.00316172	0.00344632	0.00317187	0.00450672	0.00627721	0.00629128	0.00783056
0.00949736	0.0097811	0.01001659	0.01032459	0.01060599	0.01090253	0.01118744	0.01151167
0.01331908	0.01369355	0.01425934	0.01469552	0.01527926	0.01577355	0.01629592	0.01718917
0.0138686	0.0144599	0.01511493	0.01577421	0.01571372	0.016723	0.01726697	0.02471576
0.00028584	0.00025475	0.00025603	0.00023789	0.00021328	0.00024564	0.00026113	0.00028574
0.2518113	0.25891423	0.33492469	0.3140853	0.28943999	0.2709045	0.28294755	0.28103603
0.00175348	0.00185405	0.00196573	0.00207611	0.00213225	0.00224285	0.00232391	0.00282493
2.9824E-06	2.9053E-06	3.2097E-06	3.4985E-06	3.7346E-06	4.4458E-06	4.5587E-06	4.6838E-06
0.04981768	0.04504986	0.04714053	0.03682931	0.02238112	0.02157677	0.02103677	0.02160256
1.7206E-07	1.7608E-07	2.271E-07	2.2717E-07	2.3053E-07	2.7219E-07	2.7243E-07	3.1597E-07
0.00655833	0.00662591	0.00673136	0.00683421	0.00693444	0.0070709	0.00716558	0.00725765
2.8949E-06	3.0421E-06	3.156E-06	3.2879E-06	3.2842E-06	3.4429E-06	3.5094E-06	3.5535E-06
5.5835E-06	5.7357E-06	5.6541E-06	5.9473E-06	5.8952E-06	6.0082E-06	6.045E-06	5.9819E-06
0.0016662	0.00168312	0.00185132	0.00174582	0.00171637	0.00175658	0.00185366	0.00188617
0.00479177	0.00566899	0.00624939	0.00641484	0.00863248	0.00886919	0.01006324	0.01186916
0.01404778	0.01433606	0.01474582	0.01510761	0.015462	0.01576331	0.01605489	0.01640929
0.00044532	0.00044173	0.00043814	0.00043454	0.00043095	0.00042736	0.00042377	0.00042018
6.341E-05	4.9532E-05	5.5991E-05	5.2278E-05	4.6244E-05	4.1194E-05	4.53E-05	4.2889E-05
0.00037648	0.00034061	0.0003501	0.00038172	0.00041085	0.0004287	0.00053446	0.00057295
0.00322998	0.00331961	0.0033973	0.00334885	0.00335333	0.00341355	0.00341361	0.00376491
2.3258E-07	2.4837E-07	2.1745E-07	2.3332E-07	2.5991E-07	2.7416E-07	2.8245E-07	2.9899E-07
0.00408972	0.00497757	0.00352959	0.00375162	0.00360296	0.00373292	0.00402972	0.00510342
0.00953017	0.00933203	0.01046338	0.00956852	0.00663469	0.00729304	0.00736975	0.00339405
0.0009011	0.00080246	0.00091236	0.00078653	0.00106698	0.00189462	0.00528616	0.00572049
0.08629247	0.07962477	0.08669361	0.08633158	0.08057066	0.07931534	0.07954852	0.08196173
0.0039475	0.00421263	0.00447066	0.00469544	0.00486646	0.00506621	0.00527764	0.00547718
1.6952E-06	1.8214E-06	1.5743E-06	1.7004E-06	1.9054E-06	2.115E-06	2.2066E-06	2.3122E-06
0.19118645	0.18479291	0.18245286	0.19808627	0.2017103	0.20359362	0.21067835	0.20268288
0.02411125	0.02382691	0.02449577	0.02637747	0.0237543	0.02483581	0.02537449	0.02890387

0.00675813	0.00717843	0.00763319	0.0080309	0.00839106	0.00860061	0.00888556	0.00917169
0.00126032	0.00137477	0.00142834	0.00138271	0.00147542	0.00159928	0.00162275	0.00178732
0.06060071	0.06066086	0.07154726	0.06596289	0.05519831	0.06435162	0.06376514	0.06329963
9.5273E-05	0.00010166	8.8881E-05	8.8881E-05	0.00011445	0.00012084	0.00011445	0.00010166
0.0026147	0.00279408	0.00295595	0.00286415	0.00303914	0.00323081	0.00329878	0.00354599
0.01725279	0.01725279	0.01810595	0.01807078	0.01848383	0.01850531	0.01850772	0.01850591
0.03252911	0.03155514	0.02970855	0.0300331	0.03030156	0.0279629	0.02404092	0.03568656
0.00019965	0.00025596	0.00065275	0.00097649	0.00101093	0.00102949	0.00102839	0.00103528
0.00126078	0.00100209	0.00114574	0.0011281	0.00105056	0.00095486	0.00107911	0.00101814
0.01357387	0.01115434	0.01302074	0.01397611	0.01340692	0.01012407	0.01065615	0.00987522
0.01479735	0.01580054	0.01674354	0.01755373	0.01815104	0.01895108	0.01976342	0.02057081
0.00368871	0.00317608	0.00337257	0.00329195	0.0030698	0.00288915	0.00326904	0.00325775
2.3006E-06	2.4719E-06	2.1365E-06	2.3076E-06	2.5859E-06	2.8704E-06	2.9947E-06	3.138E-06
0.00563859	0.00647437	0.00673897	0.00673496	0.00747375	0.00843303	0.00827646	0.00793782
0.52230971	0.55657516	0.58747705	0.61311093	0.61999096	0.64400297	0.68308173	0.67508252
0.00127307	0.00120989	0.00124146	0.00122998	0.00120473	0.00118614	0.00120953	0.00120094
0.00014458	0.00013769	0.00011704	0.00013769	0.00013769	0.00015146	5.5077E-05	8.9501E-05
2.4901E-06	2.209E-06	2.2811E-06	2.4715E-06	2.6967E-06	2.8247E-06	3.4226E-06	3.7032E-06
3.3931E-05	5.9575E-05	9.4599E-05	0.000139	0.00023969	0.00064052	0.00122896	0.00115831
0.00061736	0.00067578	0.00073723	0.0007394	0.00079485	0.00086885	0.00089271	0.00097999
0.38853432	0.39899863	0.44039569	0.43384071	0.34963783	0.34784903	0.35446284	0.37711071
0.01935148	0.01885826	0.02073552	0.01877367	0.01676872	0.01634787	0.01698203	0.02249148
0.02415316	0.02468886	0.02486931	0.02798626	0.02446391	0.02675754	0.0295391	0.03350959
1.52891604	1.6096624	1.63936154	1.6548099	1.92699921	1.99843011	2.26124027	2.45650137
0.00146269	0.0017341	0.0015195	0.0017919	0.00207461	0.00191655	0.00113529	0.00134401
0.00155266	0.00155266	0.00153349	0.00159073	0.00194293	0.00204643	0.00221114	0.00238983
0.05445541	0.05588411	0.05657865	0.05806194	0.05990326	0.06138168	0.06313963	0.06469578
0.00029402	0.00028124	0.00028124	0.0002365	0.00020454	0.00021093	0.0002301	0.00014701
8.6979E-07	1.0937E-06	1.0499E-06	1.2543E-06	1.0937E-06	1.0661E-06	2.02E-06	1.9275E-06
0.05876792	0.0528738	0.03920548	0.03987126	0.06719854	0.06867516	0.07106304	0.07317648
3.7836E-05	4.013E-05	4.1725E-05	4.2726E-05	4.5616E-05	4.7787E-05	4.7042E-05	5.1652E-05
0.00016233	0.00016674	0.00016672	0.00018012	0.00017981	0.00015784	0.00014127	0.00014897
0.0098876	0.01050458	0.01076042	0.0103308	0.0107013	0.01084259	0.01152977	0.01206746
0.2000989	0.18375314	0.18631497	0.1931463	0.19538685	0.19555479	0.20484717	0.22330203
4.5408E-07	5.204E-07	4.7791E-07	5.4655E-07	6.4647E-07	7.5536E-07	8.2748E-07	9.0836E-07
0.00081443	0.00108874	0.00106578	0.0006788	0.00086629	0.00117364	0.00132752	0.00135462
0.21932823	0.20785523	0.19523513	0.19982117	0.20191646	0.20598767	0.21928541	0.19610224
0.54942822	0.53492357	0.56138827	0.54200779	0.5060807	0.49786848	0.47714909	0.48206129
0.00066801	0.00067814	0.00067191	0.00074138	0.00073368	0.00061725	0.00053693	0.00056847
0.00049931	0.00037234	0.00042439	0.00041613	0.00036469	0.00032157	0.00036286	0.00034389
0.02081	0.02380453	0.02286455	0.0188884	0.02089519	0.02347014	0.02440568	0.02591613
0.03148851	0.03277422	0.03280916	0.03356285	0.03335903	0.03495428	0.03428632	0.03526815
0.00143336	0.0024798	0.00291544	0.00278648	0.00256452	0.00272091	0.00284166	0.00315285
0.01139328	0.01187478	0.01150421	0.01355622	0.01412231	0.01451538	0.01467936	0.01530886
0.02566543	0.02819667	0.02544809	0.02767771	0.03095277	0.03538163	0.03492429	0.03366726
6.5972E-05	4.5546E-05	6.9479E-05	6.8228E-05	4.7925E-05	5.457E-05	5.2683E-05	4.1013E-05
7.1056E-05	6.9848E-05	7.0685E-05	8.0992E-05	8.0102E-05	5.7668E-05	5.4322E-05	5.3743E-05
0.09485163	0.09214668	0.10486421	0.09781455	0.09316239	0.09854818	0.10226724	0.09563464
0.00726026	0.00775294	0.00821164	0.00860367	0.00889119	0.00928823	0.00968757	0.01009258
0.00050589	0.00040438	0.00052844	0.00051641	0.00042167	0.00044649	0.00045624	0.00043891
0.03531708	0.04067699	0.04289618	0.03894062	0.03509033	0.03652556	0.03560088	0.0432684



0.0054871	0.00548822	0.00548839	0.00549947	0.00549919	0.00550115	0.00554631	0.00554955
2.9802E-05	2.2978E-05	2.6274E-05	2.4744E-05	2.2006E-05	1.979E-05	2.2555E-05	2.1587E-05
0.30170909	0.28231991	0.27287517	0.28027041	0.23894409	0.24022194	0.23931863	0.23532819
0.00569618	0.00576177	0.00593599	0.00602175	0.00648277	0.00732213	0.0071372	0.00785439
0.36285752	0.31169591	0.32046267	0.27410476	0.25833157	0.23933891	0.240835	0.21144427
0.014643	0.01556698	0.01638606	0.01701763	0.01757614	0.01819514	0.01882995	0.01981522
0.00731566	0.00842139	0.00948729	0.00968991	0.01006762	0.01036179	0.01094047	0.01093101
0.00309591	0.003295	0.00342758	0.00329809	0.003441	0.00359281	0.00362221	0.0038491
0.00106326	0.00090389	0.00098074	0.00094507	0.00088122	0.00082957	0.00089422	0.00087167
0.00014716	0.00015552	0.00016133	0.000164	0.00017198	0.00016907	0.00016463	0.00018176
0.00030935	0.00033951	0.00036761	0.00036921	0.00040385	0.00045305	0.00049206	0.00054813
							4.8193E-05
0.01311507	0.01505045	0.01734294	0.01760524	0.0174425	0.0189947	0.01944106	0.02070643
6.7165E-06	6.7301E-06	6.7036E-06	6.7171E-06	6.739E-06	6.7615E-06	6.7713E-06	6.7826E-06
0.01828965	0.01885333	0.01944411	0.02056883	0.0216706	0.02464065	0.02434949	0.02309229
0.00112298	0.00083901	0.00095594	0.00084656	0.00076609	0.00072167	0.00086285	0.00083487
0.0128102	0.012934	0.01334202	0.01308677	0.01345492	0.01374914	0.01187059	0.01401898
0.00522301	0.00492926	0.00417311	0.0071253	0.00596363	0.00762874	0.00920281	0.00929994
0.00913091	0.00942734	0.009453	0.01002102	0.01026609	0.0105097	0.01120165	0.01161354
0.01327882	0.01091188	0.01273771	0.01367232	0.01311549	0.00990401	0.01042452	0.00966057
0.00755969	0.00777387	0.00732284	0.00745099	0.00744903	0.00754273	0.00738944	0.00768692
0.03050847	0.03073304	0.0318729	0.03190038	0.02844238	0.02927581	0.0291981	0.03113444
0.04417489	0.04496481	0.04577873	0.04669522	0.05025598	0.05050731	0.05459254	0.06076224
1.02332003	1.04842833	1.09592619	1.12807094	1.15844615	1.17329396	1.19644236	1.11875863
0.01169734	0.01118586	0.01017151	0.01099172	0.00913873	0.00915368	0.00986463	0.00890813
0.01553291	0.0168974	0.01985696	0.02281916	0.02640627	0.03000856	0.03434147	0.03361473
0.00166756	0.00189929	0.00215245	0.0024945	0.00333634	0.00437784	0.0047939	0.00533491
0.00057539	0.00063899	0.00073439	0.00082426	0.00063816	0.00073232	0.00077808	0.00093708
0.00498184	0.0051005	0.00592292	0.0056588	0.00602826	0.00599588	0.00595597	0.00652287
0.16957511	0.1724038	0.18050992	0.19159642	0.16257074	0.17046994	0.16409801	0.15146749
0.02058298	0.02070778	0.02041329	0.02134426	0.01870339	0.01777575	0.01819894	0.0195964
0.0003152	0.00029603	0.00048778	0.00034077	0.00039683	0.00046714	0.0004991	0.00076116
0.46353834	0.50211672	0.51429248	0.51423791	0.48095173	0.48687519	0.47137517	0.44220727
0.29702062	0.3154447	0.33109808	0.34251649	0.35316979	0.36522923	0.37728866	0.39905909
0.00994265	0.01029772	0.01042013	0.01051909	0.01061369	0.01104861	0.01143578	0.01145748
0.03371059	0.03576366	0.03747463	0.03867293	0.03986091	0.04113598	0.04241106	0.04499035
8.263E-06	1.039E-05	9.9738E-06	1.1916E-05	1.039E-05	1.0128E-05	1.919E-05	1.8311E-05
8.6979E-07	1.0937E-06	1.0499E-06	1.2543E-06	1.0937E-06	1.0661E-06	2.02E-06	1.9275E-06
0.00035748	0.0003575	0.00035747	0.00035748	0.00035751	0.00035754	0.00035756	0.00035757
0.03569049	0.03415449	0.04134377	0.04283803	0.04427887	0.05056679	0.0494175	0.05570595
0.00173228	0.00190161	0.00200577	0.00189415	0.00175483	0.00187229	0.00202891	0.0022968
1.3047E-05	1.6405E-05	1.5748E-05	1.8815E-05	1.6405E-05	1.5991E-05	3.03E-05	2.8912E-05
0.00300988	0.00288371	0.00333615	0.00298608	0.00262174	0.00188816	0.00140239	0.00282117
0.0013238	0.00138796	0.00142646	0.00141545	0.00139789	0.00124981	0.00143972	0.00153341
0.00030516	0.00064649	0.00069381	0.00084543	0.00087408	0.00129699	0.00137603	0.00176541
0.00035174	0.00027742	0.00032872	0.0003206	0.00028372	0.00025617	0.0002967	0.00027872
0.01959607	0.02003711	0.02040271	0.01971721	0.02080856	0.02051935	0.02057444	0.02196421
0.00051732	0.00055326	0.00056248	0.00054385	0.00059652	0.00063754	0.00063299	0.00067736
0.01003999	0.0107197	0.01136087	0.0119123	0.01232065	0.01285907	0.01340816	0.01395234
0.00761291	0.00826617	0.00945663	0.01189163	0.00985861	0.01148813	0.01027424	0.01474046

0.00400166	0.00427017	0.00452289	0.00473835	0.00490137	0.00510912	0.00532214	0.00554308
1.3917E-05	1.7499E-05	1.6798E-05	2.0069E-05	1.7499E-05	1.7057E-05	3.2321E-05	3.084E-05
0.00595302	0.00633508	0.00703962	0.00814782	0.0077225	0.00827678	0.0091038	0.00972424
0.00356681	0.00378224	0.00396829	0.00410181	0.00423635	0.00436116	0.0044923	0.00475302
0.00432377	0.00462481	0.00448277	0.00495129	0.00491737	0.00473399	0.00480925	0.00497567
4.3489E-07	5.4684E-07	5.2494E-07	6.2715E-07	5.4684E-07	5.3304E-07	1.01E-06	9.6375E-07
0.09873365	0.10287409	0.11129913	0.12124516	0.12332408	0.12948866	0.12937824	0.14788584
0.00394217	0.00323949	0.00378153	0.004059	0.00389369	0.00294027	0.0030948	0.002868
0.00100456	0.00107915	0.00115529	0.00115417	0.00119173	0.00123324	0.00122568	0.00134717

0.004745	0.00398748	0.00258294	0.00360803	0.00444047	0.00442169	0.00475621	0.00505184
0.01712816	0.014985	0.01552598	0.01674558	0.01845067	0.01937779	0.02300624	0.02506009
0.03602836	0.03528402	0.03536315	0.03468586	0.03347941	0.03280555	0.03095542	0.02994776
0.00052902	0.00055949	0.00058149	0.00059717	0.00062943	0.00060044	0.00057379	0.00061619
0.00055767	0.00045152	0.00050256	0.00047888	0.00043647	0.0004022	0.00044537	0.00043042
0.01700447	0.01687306	0.01668756	0.01655825	0.01651797	0.0162425	0.01612806	0.01596168
0.00435738	0.00451336	0.00461519	0.00460102	0.00481886	0.00484758	0.00478597	0.00487514
0.06957938	0.019519	0.01868866	0.02136039	0.02132307	0.02225211	0.02126508	0.02254839
0.00077808	0.00079917	0.00080217	0.00086627	0.00086624	0.00076534	0.00068672	0.00073309
0.00047295	0.0004299	0.00044138	0.00048197	0.00051706	0.00053904	0.00067656	0.00072372
3.2452E-05	3.2452E-05	3.8844E-05	3.8844E-05	3.8844E-05	2.606E-05	2.606E-05	3.2452E-05
0.02212841	0.02366148	0.02565208	0.02821179	0.02741209	0.02998991	0.03204621	0.03229911
0.00913257	0.00880486	0.00948392	0.01005038	0.01073454	0.01197259	0.01206386	0.01166599
0.02880188	0.02874236	0.02945573	0.02657201	0.0201643	0.02306621	0.02132878	0.02364755
0.02137695	0.02279827	0.0245329	0.02656598	0.02508432	0.03382874	0.03309602	0.03409797
0.0008951	0.00105521	0.00160824	0.00160277	0.00130354	0.00093896	0.00114041	0.00115874
0.01431018	0.01560755	0.01603971	0.02505074	0.02332722	0.0238608	0.02554103	0.02528768
4.1785E-05	4.8749E-05	6.2678E-05	8.357E-05	0.00010446	7.6606E-05	8.357E-05	9.0535E-05
0.08815644	0.09155396	0.09266441	0.09410734	0.09644777	0.09696625	0.09999836	0.10143227
0.00372986	0.0035411	0.00370547	0.00456999	0.00497693	0.00577973	0.00629453	0.00669023
0.02693728	0.02752122	0.02844615	0.02886369	0.03078689	0.03096261	0.03117258	0.0312443
0.01988167	0.02132919	0.02294581	0.0218905	0.02500916	0.02448781	0.0254992	0.02779171
0.00036003	0.00036003	0.00036003	0.00036003	0.00036003	0.00036003	0.00036003	0.00036003
0.00045299	0.00046643	0.0004638	0.00047607	0.00046643	0.00046477	0.00052201	0.00051646
0.13940014	0.14494135	0.14940542	0.14990943	0.15633859	0.15986399	0.17692203	0.16347397
0.00543189	0.00543963	0.00461853	0.00375495	0.00316585	0.0033265	0.00472386	0.00425066
0.17523756	0.18006263	0.18106013	0.18583755	0.18939464	0.20545272	0.21595867	0.22669553
0.0286359	0.02777421	0.02812086	0.02923097	0.02915489	0.02995209	0.03220658	0.03472493
0.01656849	0.01669895	0.01934031	0.0190091	0.01658358	0.01880673	0.01916003	0.02256761
6.5234E-06	8.2026E-06	7.8741E-06	9.4073E-06	8.2026E-06	7.9956E-06	1.515E-05	1.4456E-05
0.00038565	0.00042505	0.00063863	0.00051564	0.00093857	0.00063846	0.00066849	0.00053152
0.00303011	0.00303422	0.00303119	0.00306041	0.00305626	0.00300698	0.00299918	0.00301269
0.02736128	0.02558393	0.02733506	0.02879862	0.05582813	0.03964682	0.04302223	0.04687881
0.3040536	0.32376246	0.34186816	0.35659822	0.36872168	0.38272799	0.39721438	0.41576548
8.4526E-05	8.4526E-05	8.4526E-05	0.00011315	0.0001198	0.00013332	0.00013998	0.00013998
0.00403962	0.00471715	0.00753593	0.00808563	0.0085714	0.00806645	0.01129431	0.02312553
0.02583181	0.02122732	0.02477918	0.02659731	0.02551409	0.01926666	0.02027923	0.01879308
0.02628381	0.02710172	0.02918871	0.02920039	0.02819589	0.02991376	0.03052469	0.02965922
0.00066476	0.00065247	0.00071639	0.00090864	0.00065861	0.00096074	0.00106498	0.0007562
0.00091328	0.00065762	0.00082066	0.0011023	0.00120762	0.00145159	0.00154098	0.00168846
2.4144E-06	1.4723E-06	1.914E-06	2.1587E-06	1.5414E-06	3.8701E-07	7.0332E-07	1.1507E-06

3.0443E-06	3.8279E-06	3.6746E-06	4.3901E-06	3.8279E-06	3.7313E-06	7.0701E-06	6.7462E-06
0.001889	0.00200735	0.00206814	0.00198833	0.00206137	0.00217824	0.00216321	0.00233456
0.00896079	0.00961534	0.00986806	0.01079052	0.01148482	0.01138878	0.01228726	0.01245363
0.00204154	0.00213182	0.00222403	0.00232219	0.00235024	0.00244621	0.00240072	0.0026038
2.8413E-05	2.2077E-05	2.5075E-05	2.3687E-05	2.1196E-05	1.9194E-05	2.1808E-05	2.0939E-05
2.7949E-05	2.9758E-05	3.0733E-05	3.1601E-05	3.2655E-05	3.2165E-05	3.1074E-05	3.3833E-05
0.0026893	0.00202134	0.0023468	0.00209081	0.00200664	0.00219626	0.0023158	0.00220936
0.05033606	0.05172444	0.05566303	0.05317395	0.05867289	0.05601048	0.0547429	0.05954509
0.00787958	0.00647505	0.00755849	0.00811308	0.00778266	0.00587698	0.00618585	0.00573252
0.17203595	0.17181248	0.19537841	0.19590925	0.20106727	0.19424264	0.18231297	0.19149928
0.00512254	0.0051713	0.00511618	0.00521582	0.00529482	0.00530223	0.00534357	0.00602487
9.935E-05	0.00010072	9.9651E-05	0.00011001	0.00010866	9.089E-05	7.8492E-05	8.2799E-05
0.00341711	0.00197206	0.00163549	0.0061225	0.0068827	0.00758607	0.00858645	0.00838169
8.5814E-06	6.2358E-06	8.1392E-06	7.6703E-06	6.8305E-06	6.152E-06	7.0068E-06	6.7107E-06
0.00143904	0.00152831	0.00162054	0.00158212	0.00164483	0.00174513	0.00177281	0.00190797
6.9706E-05	6.9706E-05	6.9706E-05	6.9706E-05	6.9706E-05	6.9706E-05	6.9706E-05	6.9706E-05
0.08471207	0.08363987	0.08426182	0.09812192	0.07209603	0.08743293	0.10170005	0.08872959
0.00014884	0.00015683	0.00016734	0.00017658	0.00018706	0.00018667	0.00019003	0.00019424
8.6979E-07	1.0937E-06	1.0499E-06	1.2543E-06	1.0937E-06	1.0661E-06	2.02E-06	1.9275E-06
0.00023375	0.00023325	0.00024453	0.00031154	0.0002749	0.00026042	0.00040552	0.00032085
0.00194333	0.00215049	0.00219723	0.00246538	0.00254182	0.00240375	0.00272934	0.00279395
0.01746717	0.02730162	0.02925371	0.02986939	0.0343798	0.03905062	0.03976068	0.04646731
0.04026854	0.04428684	0.04391836	0.04074057	0.0407982	0.04468354	0.0473227	0.05628391
0.02035607	0.02102715	0.021884	0.02242483	0.02300007	0.0238905	0.02457372	0.02561704
0.01635973	0.01506653	0.01242559	0.00857068	0.00677897	0.00753435	0.00906529	0.00824567
0.2538465	0.26973152	0.28382172	0.29459704	0.30435088	0.31467045	0.32535798	0.3425612
0.0056893	0.00616576	0.00605312	0.00606425	0.00679078	0.00716659	0.00762858	0.00798649
2.55727005	2.65961653	2.66732789	2.55337726	2.30851084	2.49626857	2.75187321	2.81868339
0.00105124	0.00112373	0.00119172	0.00125085	0.00129261	0.00135324	0.00141388	0.00147013
0.00053167	0.00039209	0.00046031	0.00044389	0.00040213	0.00035862	0.00040106	0.00037271
0.03101265	0.03241174	0.03198216	0.03203311	0.0309558	0.03215733	0.03261689	0.03116849
2.4313E-05	1.8878E-05	2.2419E-05	2.097E-05	1.8634E-05	1.6777E-05	1.9356E-05	1.9239E-05
0.08948736	0.09144518	0.09346766	0.09553861	0.09767167	0.09988445	0.10198969	0.10417596
3.4792E-06	4.3747E-06	4.1995E-06	5.0172E-06	4.3747E-06	4.2643E-06	8.0801E-06	7.71E-06
3.354E-05	3.4324E-05	3.4171E-05	3.4886E-05	3.4324E-05	3.4227E-05	3.7566E-05	3.7242E-05
0.19732123	0.20161384	0.22497547	0.22818983	0.24860515	0.27566469	0.28126638	0.2797618
0.02036315	0.02202524	0.02265094	0.022185	0.02292282	0.02311261	0.02248109	0.02288866
0.01875836	0.01692714	0.02028276	0.01670411	0.0174121	0.01806937	0.01765569	0.01870014
3.2061E-05	5.2008E-05	5.2433E-05	5.2323E-05	7.2727E-05	6.396E-05	8.0445E-05	7.737E-05
0.00012233	0.00024762	0.00036886	0.00043592	0.00044401	0.00050815	0.00078653	0.00057808
0.00028469	0.00032835	0.00034833	0.00076087	0.00072249	0.00070967	0.00070967	0.00070967
8.8831E-07	9.0062E-07	9.0742E-07	9.2904E-07	9.9307E-07	1.0828E-06	9.338E-07	1.1263E-06
0.00123653	0.0014402	0.00153531	0.00160782	0.00166153	0.00172044	0.00182503	0.00226501
0.00100945	0.00109166	0.00115087	0.00117993	0.00120318	0.00121481	0.00120318	0.00122643
7.0787E-05	0.00016285	0.00025109	0.00032851	0.00047707	0.00067689	0.00122362	0.00155263
0.03379601	0.03558196	0.03091363	0.02939165	0.02826336	0.0289777	0.03364131	0.02963521
0.00221288	0.00246339	0.00296349	0.00336483	0.00374742	0.00397501	0.00417561	0.00438628
0.00012918	0.00016271	0.00015897	0.00013729	0.00018153	0.0001585	0.00017326	0.00017312

0.18987011	0.21002381	0.21359953	0.23629321	0.25415931	0.26182798	0.29289098	0.27047163
0.01970184	0.01891848	0.01843569	0.01747662	0.01647863	0.02146557	0.0157828	0.01742444
0.00575835	0.00632774	0.00741873	0.00847503	0.00934066	0.00994869	0.01045613	0.01099537
4.8496E-07	6.062E-07	6.062E-07	5.4558E-07	7.8372E-07	1.2283E-05	1.1906E-05	1.2309E-05
0.0565463	0.05914582	0.06455272	0.0749737	0.05776491	0.0649479	0.06679423	0.07104916
		4.77E-05	1.3769E-05	1.3769E-05	1.3769E-05	2.7046E-05	2.7046E-05
2.0784E-06	2.598E-06	2.598E-06	2.3382E-06	3.3588E-06	5.2642E-05	5.1028E-05	5.2753E-05
0.0008302	0.0008302	0.00129575	0.00100441	0.00090358	0.00098824	0.001012	0.00131484
0.06741191	0.07083896	0.06882392	0.06963967	0.07536655	0.07036345	0.07707864	0.08728431
0.00014374	0.00014854	0.00016721	0.00019216	0.00033631	0.00045449	0.00056939	0.00062621
0.00130358	0.00164685	0.00160614	0.00138861	0.00183447	0.00159925	0.00175056	0.00174523
0.01014825	0.01091733	0.01189495	0.01176241	0.01312305	0.0156364	0.01607414	0.01780989
0.02547359	0.02797114	0.0326665	0.03685603	0.04056363	0.04268365	0.04425954	0.04659332
8.5715E-05	0.0001128	0.00010741	9.4242E-05	0.00012301	0.00010487	0.00011705	0.00011302
0.00020357	0.00026791	0.0002551	0.00022382	0.00029215	0.00024906	0.000278	0.00026843
0.00061526	0.00073195	0.00074199	0.00076208	0.00086893	0.00093869	0.0009463	0.00096221
0.01976592	0.01885191	0.01859783	0.01789255	0.01841926	0.0181927	0.02332156	0.03327182
0.00035803	0.00047153	0.00044879	0.00039388	0.00051399	0.00038794	0.0004413	0.00041292
0.0001149	0.0001149	0.00010802	0.0001149	0.0001149	0.0001149	0.0001149	0.0001149
6.7463E-06	7.0554E-06	7.3836E-06	7.6588E-06	8.635E-06	8.9073E-06	9.8336E-06	1.0848E-05
9.3921E-05	0.00016661	0.00027884	0.00065955	0.00092484	0.00167531	0.00161798	0.00196579
6.928E-07	8.66E-07	8.66E-07	7.794E-07	1.1196E-06	1.7547E-05	1.7009E-05	1.7584E-05
0.16116748	0.15566266	0.15301711	0.15462521	0.16044017	0.18153397	0.20892303	0.21322766
0.00129621	0.00169179	0.00144811	0.00114297	0.00133115	0.00145063	0.00139326	0.0063774
0.01125916	0.00918808	0.00960266	0.00872855	0.00707251	0.00841883	0.00890261	0.00990726
1.14752843	1.15309527	1.14713154	1.10567552	1.22808985	1.16769839	1.35455223	1.75875239
0.00072293	0.00073202	0.0010183	0.0008521	0.0008141	0.00103402	0.00132514	0.00162823
6.8847E-05	8.2616E-05	8.9501E-05	9.6386E-05	9.6386E-05	0.00011015	0.00012392	0.00013769
5.7526E-05	5.7526E-05	5.1135E-05	5.7526E-05	6.3918E-05	0.0002562	0.00024243	0.00024981
8.462E-05	8.4667E-05	0.00011916	0.00011271	0.00011931	0.00013288	0.00015964	0.00016545
3.4556E-06	7.0343E-06	1.0499E-05	1.2415E-05	1.2639E-05	1.4471E-05	2.2424E-05	1.6461E-05
0.00854519	0.00777374	0.00939807	0.00914177	0.00863272	0.01017437	0.00996706	0.01061403
2.0784E-07	2.598E-07	2.598E-07	2.3382E-07	3.3588E-07	5.2642E-06	5.1028E-06	5.2753E-06
1.4065E-06	1.7582E-06	1.7582E-06	1.5824E-06	2.2787E-06	3.6281E-05	3.5127E-05	3.6464E-05
0.00032013	0.00032353	0.00043055	0.00046536	0.00051361	0.0004648	0.00091902	0.00088432
0.02536453	0.0212926	0.02343483	0.02432109	0.0263622	0.02754755	0.02935876	0.0328937
4.0179E-05	5.6401E-05	5.7061E-05	5.3011E-05	7.3037E-05	6.5542E-05	7.6817E-05	7.7702E-05
0.00065826	0.00076638	0.00081408	0.00071232	0.00067416	0.00075366	0.00080454	0.00086814
0.76486159	0.83595055	0.85494539	0.86434973	0.89283297	0.93797824	0.97538494	1.1555575
2.12772369	2.15154691	2.21508532	2.235106	2.13671798	2.35584268	2.25065531	2.29542795
6.928E-06	8.66E-06	8.66E-06	7.794E-06	1.1196E-05	0.00017547	0.00017009	0.00017584
1.0714E-05	1.41E-05	1.3426E-05	1.178E-05	1.5376E-05	1.3108E-05	1.4632E-05	1.4128E-05
0.04112082	0.03961775	0.0450268	0.04008882	0.04600489	0.05746506	0.06371359	0.06552099
0.00388294	0.00472158	0.00457374	0.00558376	0.00630519	0.00600379	0.00622343	0.00598889
0.00225233	0.00171987	0.00126458	0.00137949	0.00228056	0.00262336	0.00296318	0.00311511
0.00098034	0.00107903	0.00131267	0.00148554	0.00170814	0.00236617	0.00284877	0.00315443
0.00259452	0.00246511	0.00249746	0.00265923	0.0033063	0.00396093	0.00526621	0.00598762
0.0002791	0.00029148	0.0002971	0.00027625	0.00027428	0.00025441	0.000197	0.00018571
7.1904E-07	8.6175E-07	8.6175E-07	8.1418E-07	1.1195E-06	1.539E-05	1.486E-05	1.6712E-05
0.05541746	0.06008034	0.06516459	0.07649791	0.09333245	0.1058925	0.11168474	0.10427262
0.01876408	0.02102619	0.02560438	0.02970261	0.03324741	0.03509647	0.03674675	0.03858863

0.0002508	0.0002508	0.00018589	0.00016966	0.00015786	0.00014753	0.00013278	0.00012097
0.05183184	0.05000119	0.05241086	0.04983204	0.04961229	0.07760123	0.08652339	0.14800083
0.0001227	0.00024975	0.00037274	0.00044076	0.00044871	0.00051374	0.0007961	0.00058443
4.2857E-06	5.6401E-06	5.3705E-06	4.7121E-06	6.1504E-06	5.2434E-06	5.8527E-06	5.6511E-06
0.24195815	0.22032865	0.23287539	0.21580685	0.21123934	0.28004331	0.28684012	0.29619398
0.00016684	0.00018686	0.0002342	0.00013405	0.00016103	0.00023538	0.00010137	0.00010137
0.77212146	0.69259059	0.77307417	0.68736365	0.72840223	0.75549325	0.77684905	0.78188571
0.01004162	0.01107376	0.013047	0.01479025	0.01633933	0.01717873	0.01782182	0.01875328
7.5731E-05	8.2616E-05	8.2616E-05	5.5077E-05	6.8847E-05	8.2616E-05	8.9501E-05	8.9501E-05
7.1201E-05	7.1613E-05	7.0787E-05	7.0373E-05	7.6733E-05	8.3093E-05	7.6733E-05	7.6733E-05
3.8797E-06	4.8496E-06	4.8496E-06	4.3646E-06	6.1578E-06	8.5167E-05	8.3386E-05	8.6047E-05
0.0001875	0.00024675	0.00023496	0.00020615	0.00026908	0.0002294	0.00025606	0.00024724
7.6208E-07	9.526E-07	9.526E-07	8.5734E-07	1.2316E-06	1.9302E-05	1.871E-05	1.9343E-05
4.1568E-07	5.196E-07	5.196E-07	4.6764E-07	6.7176E-07	1.0528E-05	1.0206E-05	1.0551E-05
2.0654E-05	2.0654E-05	1.3769E-05	2.0654E-05	1.3769E-05	2.0654E-05	2.0654E-05	3.4423E-05
0.02228955	0.02519145	0.02881826	0.02939242	0.03661771	0.04591239	0.04907362	0.04681519
1.6072E-05	2.115E-05	2.0139E-05	1.767E-05	2.3064E-05	1.9663E-05	2.1948E-05	2.1192E-05
0.00122683	0.00160866	0.00189989	0.00176521	0.00246816	0.00329506	0.00365579	0.00339066
0.00013393	0.00017625	0.00016783	0.00014725	0.0001922	0.00016386	0.0001829	0.0001766
0.00335327	0.0033779	0.00338671	0.00337575	0.00360945	0.00413838	0.0034519	0.00404803
0.00454279	0.00495826	0.00557425	0.00555295	0.0059744	0.00661241	0.00744409	0.00834423
0.00028916	0.00022031	0.00023408	0.00022374	0.00026111	0.00033438	0.00046371	0.00021686
0.00240107	0.00307025	0.00522416	0.00348205	0.00312769	0.00398464	0.0044399	0.00446918
0.00020929	0.00012029	0.00010652	0.0001134	0.0001134	0.00012029	0.00016848	0.00016799
0.05825929	0.06286538	0.06732471	0.06705076	0.07236211	0.07565787	0.07810666	0.08401684
0.00534171	0.0057792	0.00648081	0.00622941	0.00725157	0.00885581	0.01054397	0.01102987
0.52634824	0.56763078	0.56630748	0.65356912	0.70729209	0.76594499	0.69965938	0.55098861
0.01506152	0.01455113	0.01270857	0.01449051	0.01296293	0.01369818	0.01391232	0.01363445
0.00883285	0.00889799	0.01080647	0.01151679	0.01312202	0.0150291	0.01777468	0.0195553
0.00378041	0.00466297	0.0042233	0.00381593	0.00403896	0.00479247	0.00528404	0.0067528
6.7734E-05	7.4507E-05	0.00012869	0.00012192	0.00012869	9.4828E-05	9.4828E-05	8.1281E-05
0.0063835	0.00807153	0.00866317	0.00952688	0.01002821	0.01022303	0.01126628	0.01201144
0.08545038	0.08429105	0.09088493	0.09861915	0.08865742	0.10154714	0.09912857	0.10897563
0.00298011	0.00312585	0.00330627	0.00309452	0.00286583	0.00263452	0.0026767	0.00258113
0.0004563	0.00056103	0.00063233	0.00067707	0.00076655	0.001158	0.00115178	0.00124386
0.37454142	0.37295607	0.43444297	0.45505313	0.44375253	0.44905823	0.50510323	0.46785762
0.25568719	0.27119289	0.29177588	0.30395518	0.32144737	0.32728298	0.32165146	0.3415637
0.00180611	0.0016813	0.0018755	0.00184666	0.00189753	0.00222274	0.00209857	0.00209461
0.00499009	0.005276	0.00563773	0.00586032	0.00617418	0.00630871	0.00621659	0.00660297
5.4718E-05	7.69E-05	9.8246E-05	0.00011112	0.00011566	0.00012884	0.00016751	0.00014642
3.458E-06	7.0367E-06	1.0502E-05	1.2417E-05	1.2642E-05	1.4474E-05	2.2427E-05	1.6465E-05
2.1429E-05	2.8201E-05	2.6852E-05	2.356E-05	3.0752E-05	2.6217E-05	2.9264E-05	2.8255E-05
0.03393466	0.04260381	0.02494684	0.02093364	0.0403117	0.04026735	0.04045103	0.04065523
0.00325884	0.00406576	0.00408919	0.00459877	0.00574957	0.00656163	0.00776975	0.0091188
6.2578E-05	0.00011619	0.00016804	0.00019678	0.00020196	0.00022972	0.00034897	0.00026154
0.00053691	0.00074145	0.00131991	0.00116011	0.00117796	0.00134573	0.0015135	0.0016626
9.0064E-06	1.1258E-05	1.1258E-05	1.0132E-05	1.4555E-05	0.00022811	0.00022112	0.0002286
0.00087888	0.00231527	0.00312294	0.00401037	0.00532102	0.00642149	0.00717616	0.0076877
4.2857E-05	5.6401E-05	5.3705E-05	4.7121E-05	6.1504E-05	5.2434E-05	5.8527E-05	5.6511E-05
7.4984E-05	0.00015316	0.00035845	8.4572E-05	5.212E-05	7.4984E-05	7.3543E-05	4.1565E-05

6.928E-07	8.66E-07	8.66E-07	7.794E-07	1.1196E-06	1.7547E-05	1.7009E-05	1.7584E-05
0.00431977	0.00474332	0.00554687	0.00629949	0.00693613	0.00734976	0.0076798	0.00808
0.00077548	0.00081686	0.00078902	0.00068308	0.00053381	0.00052087	0.0012232	0.00124116
0.00744225	0.00805466	0.0091029	0.00997201	0.0108155	0.01126016	0.01147456	0.01211452
5.5318E-05	0.00011257	0.00016805	0.00019869	0.00020226	0.00023156	0.00035879	0.00024153
0.00236944	0.00394303	0.00586846	0.00635516	0.00784823	0.0087644	0.00897444	0.00925745
0.01424026	0.01517466	0.01652765	0.01748551	0.01861667	0.01913099	0.01906313	0.02020428
0.00043368	0.00047498	0.00038549	0.00036484	0.00053006	0.0004268	0.0004268	0.00060578
1.7458E-06	3.5351E-06	5.2674E-06	6.2254E-06	6.3404E-06	7.2569E-06	1.1234E-05	8.2554E-06
0.01451158	0.01778203	0.01997654	0.02373631	0.02849775	0.03054013	0.03103256	0.03455544
0.00535549	0.00576153	0.00627793	0.00620785	0.00692576	0.00825282	0.00848452	0.00940115
2.0784E-06	2.598E-06	2.598E-06	2.3382E-06	3.3588E-06	5.2642E-05	5.1028E-05	5.2753E-05
0.00037496	0.00057074	0.00045792	0.00043137	0.00039819	0.00046456	0.00049774	0.00064043
0.00042333	0.00049724	0.0003375	0.00034811	0.00040119	0.0005631	0.00060897	0.00065157
0.00020999	0.00042472	0.00063258	0.00074752	0.0007615	0.00087148	0.00134907	0.000992
0.00280433	0.00279322	0.00264453	0.00252902	0.00217656	0.00208023	0.00216332	0.00204142
2.9098E-06	3.6372E-06	3.6372E-06	3.2735E-06	4.7023E-06	7.3698E-05	7.1439E-05	7.3854E-05
0.00019812	0.00024571	0.00024228	0.00020806	0.00027638	0.00024335	0.00026407	0.000267
0.00053421	0.00050029	0.00053643	0.00061313	0.00050719	0.00069401	0.00073507	0.00079038
2.0784E-06	2.598E-06	2.598E-06	2.3382E-06	3.3588E-06	5.2642E-05	5.1028E-05	5.2753E-05
0.00239508	0.00296635	0.00348567	0.0037969	0.00459733	0.00548693	0.00654059	0.00879038
6.928E-06	8.66E-06	8.66E-06	7.794E-06	1.1196E-05	0.00017547	0.00017009	0.00017584
0.00014644	0.0002678	0.00038146	0.00045201	0.00047589	0.00055304	0.00079288	0.00063815
8.2616E-05	9.6386E-05	0.00011016	0.00011704	0.00011704	0.00014458	0.00016523	0.00018589
0.00105225	0.0013386	0.0014077	0.00188962	0.00210466	0.00247469	0.00229329	0.00216567
0.00075817	0.00071634	0.00063531	0.00079302	0.00090628	0.00108971	0.00146399	0.00135972
0.03624804	0.03318243	0.02686023	0.02109925	0.02685385	0.03405378	0.04012355	0.05090384
0.00052449	0.00036603	0.00032138	0.00017246	0.0002139	0.00026407	0.00045097	0.00030039
6.1962E-05	6.1962E-05	6.1962E-05	6.1962E-05	6.1962E-05	6.1962E-05	6.8847E-05	6.8847E-05
0.00348627	0.0042507	0.00656052	0.01032019	0.00861668	0.00981069	0.00892974	0.00887918
2.7539E-05	5.5078E-05	9.6386E-05	0.00018589	0.00030981	0.00053701	0.00081928	0.000611
0.04246165	0.01889027	0.0188176	0.019709	0.01710597	0.01429388	0.01822993	0.0092568
0.00132091	0.00137382	0.00154529	0.00171321	0.00184698	0.00196912	0.00192846	0.00156678
0.00539664	0.00570592	0.00605995	0.00660617	0.006546	0.00640356	0.00681852	0.00663409
0.00692113	0.00703623	0.00927005	0.00914425	0.01053627	0.01083264	0.01435444	0.01430862
0.00089337	0.00089337	0.00089337	0.00089337	0.00089337	0.00089337	0.00089337	0.00089337
0.00018651	0.0003363	0.00047916	0.00056617	0.00057258	0.0006647	0.00094324	0.00076829
0.56857144	0.61473844	0.65001201	0.68746279	0.71326116	0.7592544	0.79659426	0.86549836
0.05130805	0.06516178	0.07449151	0.07113617	0.0671707	0.07420145	0.08308495	0.08475563
0.02909098	0.03020757	0.03388658	0.03721885	0.04293371	0.04319358	0.04868128	0.04931762
0.00721609	0.00455224	0.00712488	0.0063713	0.0079065	0.00846549	0.00638845	0.00664988
0.00173818	0.00174826	0.00181469	0.00204279	0.0014011	0.00137846	0.00186387	0.00240397
2.5923E-05	5.2763E-05	7.8751E-05	9.312E-05	9.48E-05	0.00010854	0.00016819	0.00012347
0.00064593	0.00071545	0.00094373	0.0008383	0.00148277	0.00065451	0.00118267	0.00111692
2.979E-06	3.7238E-06	3.7238E-06	3.3514E-06	4.8143E-06	7.5453E-05	7.314E-05	7.5613E-05
0.06776809	0.07508207	0.08318905	0.08596953	0.07264071	0.09436663	0.0991557	0.10300137
1.22617977	1.30241324	1.40763847	1.47952907	1.56871798	1.60954563	1.59811467	1.69511967
0.00362733	0.0043158	0.00528496	0.00700541	0.00772114	0.00956656	0.01381202	0.01877525
0.03854555	0.04143106	0.04536893	0.04496888	0.0498457	0.05950787	0.06159961	0.06838628
0.00035892	0.00028517	0.00026274	0.0002638	0.00027263	0.00026632	0.00038867	0.00045883

0.00277829	0.00282847	0.00291722	0.00295132	0.00329199	0.00305922	0.0031592	0.0032198
0.0023045	0.0027856	0.00360796	0.00352058	0.00367929	0.00398521	0.00433246	0.00497946
1.1667E-06	1.1493E-06	1.2167E-06	1.2179E-06	1.2362E-06	1.4574E-06	3.0791E-06	2.7967E-06
1.2253E-05	2.4781E-05	3.6911E-05	4.3621E-05	4.4439E-05	5.0858E-05	7.8701E-05	5.7871E-05
3.361E-06	4.2112E-06	4.2112E-06	3.7901E-06	5.4556E-06	8.6621E-05	8.3887E-05	8.6761E-05
0.00018217	0.00034245	0.00037958	0.00038597	0.00067119	0.00042162	0.0003577	0.0001475
5.4731E-06	6.8414E-06	6.8414E-06	6.1573E-06	8.5273E-06	0.00010147	0.00010071	0.00010367
5.3572E-05	7.0501E-05	6.7131E-05	5.8901E-05	7.6881E-05	6.5542E-05	7.3159E-05	7.0639E-05
1.3856E-07	1.732E-07	1.732E-07	1.5588E-07	2.2392E-07	3.5094E-06	3.4018E-06	3.5169E-06
0.00069264	0.00089147	0.00085995	0.00074982	0.00093161	0.00081028	0.00090649	0.00090314
0.01862436	0.01860869	0.01877343	0.01890165	0.01910679	0.01925997	0.01934251	0.29983204
0.00064649	0.00069548	0.00075776	0.00074932	0.000836	0.00099611	0.001024	0.00113457
0.01436456	0.01594058	0.01517672	0.01824732	0.00981723	0.01445702	0.01594561	0.01682287
1.0392E-06	1.299E-06	1.299E-06	1.1691E-06	1.6794E-06	2.6321E-05	2.5514E-05	2.6377E-05
0.00110729	0.00122971	0.00120783	0.00174916	0.00170626	0.0014907	0.00065942	0.00123699
4.7647E-06	6.2704E-06	5.9706E-06	5.2387E-06	6.8377E-06	5.8293E-06	6.5068E-06	6.2826E-06
1.3856E-06	1.732E-06	1.732E-06	1.5588E-06	2.2392E-06	3.5094E-05	3.4018E-05	3.5169E-05
0.00017212	0.00021343	0.00014458	0.00013769	0.00010327	0.00010327	0.00013769	0.00015835
0.00476495	0.00546217	0.00615813	0.00633658	0.00642368	0.00767736	0.00949585	0.01252777
0.00023433	0.00024053	0.00024163	0.0002538	0.00025817	0.00028403	0.00029971	0.00031776
0.0015384	0.00157908	0.00158634	0.00166625	0.00169492	0.00186471	0.00196764	0.00208613
4.598E-07	4.5361E-07	4.4163E-07	4.3868E-07	5.1238E-07	5.1839E-07	5.1667E-07	5.9453E-07
3.4596E-06	7.0384E-06	1.0504E-05	1.2419E-05	1.2645E-05	1.4476E-05	2.2429E-05	1.6467E-05
0.00137769	0.00148026	0.00129573	0.00130581	0.00119568	0.00149887	0.00150148	0.0014536
0.00175776	0.0019454	0.00163196	0.00155631	0.00158266	0.00183583	0.00249845	0.00286433
0.20318119	0.18142474	0.19576498	0.2091596	0.20385079	0.20270552	0.1981878	0.19591009
0.01696634	0.0198154	0.02160893	0.02210992	0.02887997	0.03408741	0.03329353	0.03391403
0.00045439	0.00060585	0.00053701	0.0004957	0.00054389	0.00048881	0.00050947	0.00044062
0.00043566	0.0003922	0.00030952	0.00018232	0.00011766	0.0001431	0.00016112	0.00010918
0.40713926	0.43286163	0.46876773	0.492929	0.52319923	0.5361414	0.53178988	0.56403848
0.00132617	0.0017856	0.00138813	0.00138056	0.00170888	0.00164435	0.00159394	0.00167082
4.14954765	4.6335706	5.10903986	5.12079218	5.29580585	5.84308596	6.19884094	6.06216422
0.02952165	0.03136464	0.03395631	0.03592669	0.03812963	0.03940177	0.03946522	0.04182572
1.6072E-05	2.115E-05	2.0139E-05	1.767E-05	2.3064E-05	1.9663E-05	2.1948E-05	2.1192E-05
0.00441537	0.0052529	0.0070397	0.00740659	0.00847452	0.00899541	0.00706919	0.01116946
1.0714E-05	1.41E-05	1.3426E-05	1.178E-05	1.5376E-05	1.3108E-05	1.4632E-05	1.4128E-05
0.00732411	0.00772424	0.00838532	0.00716753	0.00837662	0.01042946	0.0124823	0.01216046
1.3864E-05	2.8178E-05	4.2039E-05	4.9705E-05	5.0607E-05	5.7937E-05	8.9751E-05	6.591E-05
1.2219E-05	2.4742E-05	3.6867E-05	4.3572E-05	4.4375E-05	5.0788E-05	7.8648E-05	5.7802E-05
0.00038256	0.00037512	0.00036768	0.00041081	0.00037119	0.00045047	0.00047561	0.00057364
0.24651541	0.2612715	0.2926903	0.32421312	0.36616653	0.39902769	0.40252454	0.31425006
0.00128343	0.00123761	0.00124901	0.00123761	0.00128343	0.00111152	0.00096487	0.00083654
0.00311731	0.0030305	0.00306996	0.00578478	0.00220974	0.00333039	0.00178358	0.00262801
0.00019548	0.00025606	0.00027556	0.00027722	0.00037066	0.0003522	0.00041968	0.00043101
0.00903387	0.00983523	0.01041851	0.0116455	0.01233174	0.01246646	0.01471988	0.0141533
0.14627775	0.15765806	0.15929013	0.16302362	0.16097588	0.15894231	0.15940974	0.17238953
3.2306E-05	3.3726E-05	3.1625E-05	3.5315E-05	3.9311E-05	3.5893E-05	3.7822E-05	4.3251E-05
1.27185159	1.33220201	1.37560446	1.31062853	1.2548926	1.24422302	1.3431164	1.37831282
0.03639561	0.04041535	0.03513343	0.03640178	0.03603983	0.03866185	0.04017159	0.04381607
0.1191914	0.11593252	0.12528273	0.1129027	0.08353453	0.08842989	0.08941628	0.08578061

0.04088646	0.04595703	0.05740568	0.06256443	0.07535889	0.09349009	0.11197082	0.12627662
0.85503961	0.8785362	0.87695627	0.87716675	0.84939235	0.84868714	0.89639387	0.88048007
0.04745175	0.0512167	0.05614576	0.06052584	0.06601665	0.06923627	0.07117574	0.07351559
0.00085153	0.00094337	0.00099414	0.00085425	0.00115475	0.0010886	0.00113406	0.00122218
1.79374882	1.90927678	2.03150578	2.26908544	2.24002865	2.10434234	2.19562111	2.27503061
2.29207184	2.39440974	2.59176323	2.70592344	2.60591047	2.60865362	2.61752112	2.59069968
0.11080131	0.11884202	0.12942139	0.13954645	0.15145904	0.15800847	0.16244995	0.16799479
0.0276522	0.02869673	0.02835477	0.02858388	0.03001816	0.03071849	0.03088676	0.03221575
5.88047953	6.02177725	6.05319707	7.34690249	5.51662235	5.48120757	6.6970603	6.96777529
0.02969187	0.03127718	0.03244463	0.03331985	0.03423328	0.03216181	0.0333119	0.03444967
0.05077962	0.05200616	0.05293658	0.05294244	0.05579251	0.05705679	0.05830619	0.05962793
0.18558159	0.190796	0.1978516	0.20330199	0.21208685	0.21598607	0.21900177	0.22362235
2.47364019	2.53106375	2.50790963	2.61125529	3.04428586	2.7984003	3.02088079	2.83588728
0.01356359	0.01484015	0.01721978	0.01966894	0.0218248	0.02437413	0.02713452	0.02901811
0.00712526	0.00785624	0.00819002	0.00729198	0.00935601	0.00870338	0.00925144	0.0096413
0.0765812	0.07090143	0.07499004	0.08102246	0.08072134	0.07848586	0.08102502	0.08272042
3.99084958	4.16848606	4.52646529	4.79527459	4.67020867	4.67396182	4.69765671	4.6289534
0.00367405	0.00359521	0.0036671	0.0035327	0.00364144	0.0034013	0.00372345	0.00369979
0.00169572	0.00217998	0.00210131	0.00187597	0.00244209	0.00212611	0.00235822	0.00229835
0.03596967	0.03872246	0.04021887	0.04189884	0.04685219	0.05039863	0.05335431	0.05723575
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0.00468229	0.00550056	0.00455074	0.00418772	0.00499409	0.00417979	0.00443846	0.00442012
0.00326503	0.00321769	0.00355233	0.00363509	0.00351568	0.00405574	0.00423773	0.00445962
0.00565381	0.00570108	0.00579152	0.00595912	0.00595748	0.00612871	0.00631544	0.00680689
0.00872537	0.00940105	0.01033249	0.01337597	0.01434446	0.01465077	0.01484398	0.0164919
0.01354006	0.01407351	0.0146693	0.01529723	0.01621148	0.0169553	0.01739342	0.01799864
9.11092739	9.58796182	12.1259387	13.3407209	10.2792707	11.5826474	14.4596483	17.0417755
0.58581531	0.60573125	0.64844484	0.65247701	0.62461031	0.62480337	0.63310735	0.6298617
0.22419799	0.2192801	0.20771942	0.20241896	0.1803108	0.18533654	0.18941635	0.20368057
16.7780862	17.592391	18.7600451	20.2824242	20.4644213	20.7528736	24.4228942	26.452901
0.06594805	0.06923827	0.07272725	0.0742452	0.07643576	0.08252141	0.08418855	0.09013873
0.06223607	0.06407979	0.06627503	0.06797923	0.07132785	0.07152787	0.07713517	0.07978181
0.15758334	0.161171	0.16356774	0.16754066	0.17184883	0.17617434	0.17920355	0.18355045
0.01543218	0.01615871	0.0218185	0.02553691	0.02230284	0.02329377	0.01812947	0.01855473
0.00025176	0.00028417	0.00030955	0.00033107	0.00034615	0.0003413	0.00040765	0.0003709
0.59968317	0.65766	0.67060985	0.51673912	0.500629	0.50883894	0.55547482	0.55280938
0.00061796	0.00064494	0.00066634	0.00067176	0.00074789	0.00088115	0.00092624	0.00096967
0.0013291	0.00138846	0.00142106	0.00147543	0.00156686	0.00187927	0.0019905	0.00203466
0.02457734	0.02672415	0.02822566	0.02840032	0.03001262	0.03098296	0.03545378	0.03765324
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0.04329133	0.04597386	0.04742834	0.0435397	0.0425235	0.04431465	0.04579699	0.04724588
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33.602929	33.4875367	36.0123238	35.1111919	33.5801506	33.1018336	31.461738	32.5114335
0.00343626	0.00361385	0.00378092	0.00404167	0.0044042	0.00589276	0.00643604	0.0067211
0.00041537	0.00036677	0.00039344	0.00037893	0.00037785	0.00033563	0.00037171	0.00035748
2.6024527	1.86749451	2.05790107	3.35141665	2.62009499	1.08851105	2.4581199	2.16886758
0.08495531	0.09265607	0.09159209	0.10003851	0.10609087	0.10557921	0.10718086	0.10727885
0.43975731	0.44992782	0.25695313	0.11461043	0.41851387	0.46312847	0.51610412	0.19039348
0.07508138	0.07566218	0.08019579	0.08685305	0.09464161	0.1022537	0.11558335	0.12738748
2.04382122	2.14514293	2.32298613	2.47140046	2.38641532	2.42407308	2.47859651	2.47567943



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1.74172541	1.95591439	2.15343185	2.25138267	2.37206531	1.87956912	1.75198778	2.02365855
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5.8511E-05	6.4797E-05	6.5111E-05	5.9501E-05	6.97E-05	6.2007E-05	6.8484E-05	6.6718E-05
28.7124243	29.6177374	31.6138287	33.2631542	30.8312073	29.2470633	29.9025424	29.2864455
0.00045577	0.00046121	0.00046671	0.00047212	0.00047733	0.00048241	0.00048733	0.00049215
0.01446313	0.01484811	0.01802243	0.01762557	0.01951596	0.02237009	0.02501272	0.02817501
4.30251525	4.56515329	4.77642383	8.61171315	12.5026776	15.919504	15.6677241	15.4520798
1.15945219	1.20819153	1.30557967	1.37860103	1.34277798	1.35570294	1.37544601	1.370437
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0.00098142	0.00088805	0.00090439	0.0008839	0.00092968	0.00091182	0.00088668	0.00086325
0.06127738	0.06229206	0.06207872	0.06138295	0.06343283	0.06417994	0.06508403	0.06553144
0.00260497	0.00295897	0.00292956	0.00269982	0.00318055	0.00286219	0.00311233	0.00304257
0.00227084	0.00235143	0.0024132	0.00241884	0.00261597	0.00283738	0.00295977	0.00312957
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0.00239974	0.0024096	0.00227707	0.00236347	0.00239066	0.00252615	0.00255943	0.00282684
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0.08109983	0.08562712	0.08954471	0.09117889	0.1018456	0.10207946	0.10867265	0.11082852
0.00149094	0.00168098	0.00162329	0.00151549	0.00167858	0.00144078	0.00170826	0.00153723
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0.53743425	0.56917852	0.60979066	0.64270119	0.63285038	0.64261552	0.6606056	0.67156817
11.40015	10.8987571	12.0502985	10.6207459	9.87526886	10.0007177	8.65882128	9.31705824
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0.15641579	0.1573054	0.16420256	0.16782632	0.16827445	0.17438521	0.18077683	0.18460858
0.09066035	0.09744901	0.10370144	0.10921733	0.1164543	0.12234968	0.12493479	0.13054572
0.02504719	0.02560392	0.02641814	0.02676134	0.02686886	0.02648298	0.0264803	0.02577383
0.0004229	0.00045995	0.00049065	0.00051789	0.00053992	0.00054334	0.00061762	0.00058929
0.00071926	0.00077023	0.00076196	0.00073824	0.00079783	0.00076457	0.00078901	0.00078271
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0.01140231	0.01196043	0.01242519	0.01292458	0.0133805	0.01373389	0.01486051	0.01467757

0.12699859	0.13229756	0.14449064	0.14832378	0.14433382	0.14482214	0.1406453	0.14718832
0.01530716	0.01606344	0.01668285	0.01534687	0.01544717	0.01663928	0.02305869	0.02356787
0.03440053	0.04307676	0.05025023	0.05489777	0.07240972	0.08674007	0.09674031	0.10861073
0.00059085	0.00065047	0.00066559	0.00061474	0.00071117	0.00062904	0.00070163	0.00067827
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0.07713969	0.08108545	0.08609242	0.09154011	0.09743126	0.10040988	0.10197959	0.10436645
0.00208535	0.00241898	0.00274415	0.00305204	0.00330763	0.00322905	0.00391771	0.00359951
0.0662308	0.07082855	0.08071549	0.08415732	0.0881608	0.09445937	0.10161072	0.1063414
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9.907E-05	0.00011579	0.00012957	0.00014318	0.00015226	0.00015357	0.00018803	0.00017074
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0.18848332	0.19103294	0.18909641	0.19788856	0.19889776	0.20274055	0.20893639	0.2126189
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0.01045742	0.0108617	0.01121754	0.01162912	0.0122188	0.01379326	0.01444697	0.01493658
0.00792378	0.00895085	0.00970896	0.01070772	0.01168922	0.01150628	0.01338267	0.01345231
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7.91023258	8.26843221	8.93833834	9.36427838	9.05973962	9.10276748	9.15816959	9.00064774
5.10630663	5.34355313	5.81103632	6.17006934	5.94835978	5.93311391	5.97884374	5.86416908
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0.03691341	0.03821981	0.04011997	0.04343311	0.06033124	0.06726196	0.07515918	0.07019894
1.2030241	1.24700767	1.34158912	1.41731939	1.39507562	1.40834248	1.44067033	1.45499646
0.02984497	0.03088496	0.03320846	0.03418328	0.03547452	0.03747279	0.03774706	0.03711254
0.47179405	0.48061946	0.49494618	0.49258518	0.50005815	0.48786394	0.47644502	0.4675898
0.43027169	0.43401149	0.46511811	0.46250684	0.48646554	0.48824843	0.52023238	0.53337496
0.0181238	0.01807412	0.01807836	0.01809365	0.01808313	0.01810129	0.01809635	0.01809025
0.01554502	0.01689033	0.01787956	0.01921085	0.02045894	0.02046843	0.02274533	0.02317007
10.7676993	10.7111671	13.1629556	13.8309639	14.3304238	13.8069088	13.010652	12.5987448
0.24954236	0.30659596	0.34801819	0.32786156	0.31379791	0.3453554	0.38770261	0.39472314
0.30779949	0.31925973	0.32704301	0.34496797	0.359293	0.3807809	0.40442701	0.42938954
1.16544861	1.35960998	1.4359581	1.29799396	1.1298351	1.30403402	1.44653973	1.96369112
0.04229327	0.04323692	0.04651781	0.04653987	0.04560367	0.04825642	0.05290872	0.0584588
0.00163539	0.00190271	0.0021253	0.00232298	0.00247806	0.0024862	0.00302821	0.00280125
0.02383111	0.02778316	0.03201333	0.03013638	0.03533272	0.03405432	0.03758686	0.03953089
0.00584221	0.00589801	0.00594822	0.00603943	0.00616383	0.00681823	0.00757588	0.0076559
6.37758463	6.66032189	7.23944688	7.64151698	7.42956014	7.54835077	7.69989286	7.71241683

29.848438	31.2843883	33.9916102	36.0788215	35.4000084	35.7837603	36.3207839	36.4381856
0.09264852	0.0959666	0.09876044	0.10198465	0.10634489	0.10672181	0.11013638	0.11238718
0.36379644	0.39902924	0.44617146	0.47657326	0.48991474	0.54922965	0.6335855	0.77954391
1.0415641	1.07224914	1.16843673	1.24281847	1.20089987	1.21318571	1.24018088	1.24221345
0.20459925	0.21044797	0.2236047	0.23064629	0.22526832	0.22085248	0.22616739	0.23334255
10.5679562	11.0645973	11.6918771	10.9215475	10.1862786	10.5077317	10.5077333	10.5772833
0.04395654	0.0448309	0.04629987	0.04703332	0.04878828	0.04894223	0.05022979	0.04998102
0.0471649	0.05463783	0.06195057	0.06292306	0.06319865	0.06753551	0.07771796	0.0854388
2.6209E-05	2.3689E-05	2.5553E-05	2.6878E-05	2.5099E-05	2.2655E-05	3.6674E-05	3.2571E-05
0.00152149	0.00167784	0.00181213	0.00193754	0.00204671	0.0020889	0.00237771	0.00231116
0.03811858	0.03868977	0.03820811	0.03754701	0.03862244	0.04037205	0.04062523	0.04154169
0.04252883	0.04530927	0.04726669	0.04900985	0.05257937	0.05376431	0.0562405	0.05826811
0.02973456	0.03027461	0.03119879	0.03384643	0.03410179	0.03679803	0.03714098	0.03898087
0.000292	0.00035437	0.00034759	0.00031572	0.00039927	0.00035528	0.00039114	0.00038283
0.00044623	0.00046591	0.00047348	0.00048594	0.00051095	0.00054855	0.00056377	0.00058546
0.00654624	0.00728608	0.00731551	0.00669165	0.00694246	0.00664478	0.00741221	0.00744731
1.32108383	1.3776917	1.50054369	1.58077292	1.53521201	1.53427926	1.55763126	1.57951712
0.08342058	0.0780866	0.08213952	0.08783327	0.08691064	0.08411999	0.08700778	0.08996043
2.27578949	2.24942433	2.32124787	2.35085583	2.30945134	2.08829458	2.08084116	2.17850021
0.0225209	0.02308302	0.02372439	0.02451957	0.02532898	0.02560546	0.02596109	0.02915037
0.00048796	0.00051182	0.0005346	0.0005706	0.00062046	0.00083893	0.00091245	0.00094879
0.54459427	0.56606251	0.60085362	0.64162687	0.64850364	0.66965838	0.68872158	0.70106169
4.5755E-05	5.5679E-05	5.5237E-05	4.9697E-05	6.242E-05	5.4719E-05	6.0646E-05	5.9095E-05
0.02514986	0.02583691	0.02667025	0.02675417	0.0276763	0.02869452	0.02935022	0.03029689
0.02181426	0.02277336	0.02277379	0.02278358	0.02372116	0.02321494	0.02443332	0.02491635
0.44531583	0.46184166	0.48430724	0.48596282	0.51898861	0.55817442	0.59318087	0.61500139
0.01616019	0.01708344	0.01795278	0.01882044	0.0201391	0.02089972	0.02130754	0.02184842
0.41888511	0.44042948	0.48125981	0.5119219	0.49855585	0.50547804	0.51545797	0.51532561
0.00039404	0.0003947	0.00039134	0.00039425	0.00040107	0.00041263	0.00041599	0.00042592
0.00060757	0.00064526	0.00067568	0.00070269	0.00072634	0.00072749	0.00080285	0.00077534
0.02145389	0.02294522	0.02759962	0.02504331	0.02346502	0.02459665	0.03011972	0.03092088
0.62996853	0.66111062	0.72035468	0.76520261	0.73707224	0.74599102	0.76421421	0.76346081
1.82768387	1.91361778	1.99325474	2.04456881	2.12118752	2.2213968	2.29487287	2.31090104
0.38551775	0.42717595	0.4813048	0.48892364	0.53390856	0.6252135	0.77406747	0.91891689
0.18764306	0.1956605	0.20190846	0.207329	0.21297195	0.21844781	0.22414672	0.23047419
0.11548079	0.11592353	0.11530541	0.11313019	0.11426568	0.12048416	0.12445724	0.12743008
14.5282923	15.1293037	16.2832894	17.1500931	16.7123675	16.8826061	17.1486727	16.8677348
0.05183794	0.0561362	0.05328524	0.05091265	0.05328294	0.05423833	0.0548321	0.05552725
113.802733	115.205282	118.2376	111.558684	103.846831	114.052684	111.315922	112.519146
0.28815514	0.3030122	0.32541239	0.34465131	0.35932444	0.36963394	0.37650577	0.38432267
0.00048016	0.00043603	0.00047111	0.00044555	0.00046581	0.00041502	0.0004575	0.00043578
0.34852255	0.39655661	0.41316235	0.44972712	0.48019909	0.48656146	0.50531551	0.55516595
0.00010512	0.00012747	0.00012558	0.00011288	0.00014125	0.00012354	0.00013726	0.00013418
0.28254084	0.28490243	0.29194458	0.28641709	0.29720039	0.27694957	0.28123801	0.28590734
0.00105791	0.00120461	0.0013293	0.00144166	0.00152979	0.00154269	0.00183805	0.00172585
0.00142326	0.00154873	0.00164984	0.00174045	0.00181052	0.00181276	0.00207991	0.00197107
0.2677269	0.27389042	0.2837574	0.28856191	0.29280582	0.30731726	0.31740943	0.32973692
2.65099314	2.73095523	2.93355794	3.02286214	3.09407229	3.10926007	3.12738879	3.0191343
0.81257825	0.85055005	0.92510871	0.97835949	0.9465931	0.95624089	0.97113116	0.96875414
0.17199861	0.17627546	0.18195251	0.17728006	0.17887815	0.1774878	0.17172929	0.17546629
1.9373E-05	1.8836E-05	2.2527E-05	3.1623E-05	4.2311E-05	4.6221E-05	4.8367E-05	5.8572E-05

0.0019698	0.00227027	0.00216044	0.00226731	0.00332879	0.00269067	0.00302434	0.00318529
0.00998867	0.01750573	0.01762636	0.01871488	0.01671743	0.01388617	0.00654982	0.01565502
1.5824E-05	1.7199E-05	1.6256E-05	1.891E-05	2.4365E-05	1.9621E-05	2.1209E-05	2.4569E-05
1.25992089	1.33287737	1.39017741	1.33800258	1.29428412	1.29662087	1.41438318	1.46685712
0.00410226	0.00435295	0.00424787	0.00449974	0.00468926	0.00558302	0.00578599	0.00638262
0.02663037	0.02634021	0.02390529	0.02164212	0.01969712	0.02267032	0.02234435	0.02621337
0.00386558	0.00523003	0.00771418	0.01003889	0.01686434	0.02290971	0.0236247	0.02470394
0.26937091	0.28686719	0.29924517	0.30874999	0.30580961	0.2974692	0.30819903	0.32890949
0.00854843	0.00947994	0.0103662	0.01086822	0.01246492	0.01344002	0.01327825	0.01351965
6.9545E-05	5.9932E-05	6.4364E-05	8.1985E-05	0.0001004	0.00010111	9.8136E-05	0.00011081
0.40366177	0.42052588	0.48812979	0.5351418	0.56403389	0.5921897	0.62902004	0.66225377
0.11513865	0.12750013	0.1325539	0.12051687	0.12428684	0.12666493	0.13328377	0.13838208
0.04000235	0.04293615	0.04538673	0.04748992	0.05269549	0.05474349	0.05474723	0.05579453
5.1704E-05	5.5639E-05	6.2676E-05	6.7201E-05	8.0334E-05	9.6866E-05	0.00011949	0.00012895
0.15610532	0.16562618	0.17028966	0.1685716	0.17394817	0.18057645	0.18559462	0.19256546
0.00241404	0.00329394	0.00385588	0.00442982	0.00489323	0.00185962	0.00232646	0.00286512
0.00022159	0.00023845	0.00026861	0.00028801	0.00034429	0.00041514	0.00051212	0.00055266
0.00501575	0.0050178	0.005946	0.01650697	0.01915597	0.01994818	0.0195754	0.02087068
0.0380902	0.03787003	0.0372398	0.03539131	0.03541424	0.03541704	0.03575928	0.03624413
0.00181787	0.00217502	0.00228841	0.00270683	0.0036604	0.0049491	0.00613589	0.0066082
0.00069545	0.00059932	0.00064364	0.00081985	0.00100398	0.00101109	0.00098136	0.00110812
0.00942118	0.00917306	0.00978266	0.01108298	0.0110545	0.01140655	0.0121443	0.01361606
0.24960262	0.26093612	0.26946322	0.27786158	0.30473502	0.30596284	0.30623586	0.31063638
3.974E-05	3.4247E-05	3.6779E-05	4.6849E-05	5.737E-05	5.7777E-05	5.6078E-05	6.3321E-05
9.4383E-05	8.1336E-05	8.7351E-05	0.00011127	0.00013625	0.00013722	0.00013318	0.00015039
0.00868842	0.00954052	0.01078022	0.01192689	0.01526054	0.01963627	0.02261954	0.02718669
0.48783892	0.53585205	0.59788677	0.65073932	0.68513142	0.7259762	0.7131662	0.75863781
0.00016641	0.00014341	0.00015401	0.00019618	0.00024024	0.00024194	0.00023482	0.00026516
0.00048891	0.00037323	0.00050308	0.00059577	0.00059392	0.00079464	0.00095828	0.00098619
5.628E-06	6.4865E-06	6.1727E-06	6.478E-06	9.5108E-06	7.6876E-06	8.641E-06	9.1008E-06
0.00117966	0.00133024	0.00190124	0.00217751	0.0022709	0.00226755	0.00231268	0.00291042
7.3862E-05	7.9485E-05	8.9537E-05	9.6002E-05	0.00011476	0.00013838	0.00017071	0.00018422
1.36497664	1.44989817	1.55428053	1.64797102	1.62258924	1.65557885	1.67798127	1.76254616
0.1047933	0.10888755	0.11195658	0.10843195	0.10255016	0.10263105	0.10905154	0.11028386
0.08392294	0.08043784	0.07742894	0.07551751	0.06739611	0.06819936	0.06968157	0.07838281
0.17446497	0.19148416	0.20485931	0.22194361	0.25061942	0.25373155	0.28189267	0.27003575
0.01116761	0.01231176	0.01228803	0.01389475	0.01446036	0.01606401	0.0163893	0.01784352
0.00510549	0.00584547	0.00684216	0.00763831	0.00918362	0.00738702	0.01012641	0.0109866
0.00330558	0.00338795	0.00365497	0.00371753	0.00394649	0.00384782	0.00339851	0.00368277
0.00333858	0.00390693	0.00430814	0.00529008	0.00541816	0.00616174	0.0039933	0.00540629
6.5852E-05	7.3169E-05	7.0356E-05	7.2202E-05	9.1863E-05	7.9875E-05	8.8903E-05	9.4629E-05
0.04580445	0.0479169	0.05183288	0.05712571	0.09056662	0.09298105	0.09489385	0.103543
2.2159E-05	2.3845E-05	2.6861E-05	2.8801E-05	3.4429E-05	4.1514E-05	5.1212E-05	5.5266E-05
0.00015511	0.00016692	0.00018803	0.0002016	0.000241	0.0002906	0.00035848	0.00038686
0.00289583	0.00327146	0.00370986	0.00375725	0.00404835	0.00418794	0.00448954	0.00506549
0.04108977	0.04071173	0.04416284	0.04358787	0.04611522	0.04501865	0.04575947	0.05003562
1.8628E-05	1.7123E-05	1.9539E-05	2.6352E-05	3.4064E-05	3.611E-05	3.6801E-05	4.3533E-05
0.00423688	0.00475029	0.00528711	0.00383337	0.00308038	0.0032479	0.00355775	0.00398107
0.0416573	0.0441343	0.04755493	0.04410167	0.04919673	0.05298444	0.05605544	0.05414018
1.37049779	1.42652481	1.47002265	1.45899565	1.51486338	1.5882474	1.63942287	1.73026714
0.00073862	0.00079485	0.00089537	0.00096002	0.00114763	0.00138381	0.00170706	0.00184221

4.9675E-06	4.2809E-06	4.5974E-06	5.8561E-06	7.1713E-06	7.2221E-06	7.0097E-06	7.9152E-06
0.10183569	0.10720851	0.10970698	0.10892353	0.11479331	0.11817964	0.11905847	0.11971398
0.01527317	0.01559859	0.01529591	0.01572825	0.01624686	0.01687254	0.01734027	0.01885026
0.0281816	0.02996167	0.03510812	0.03907527	0.04423039	0.0498952	0.05525202	0.06257793
0.01029087	0.01041197	0.01190016	0.01194234	0.01454833	0.01529006	0.01861448	0.02189148
0.02380269	0.02935439	0.03028744	0.03568999	0.03321265	0.03860745	0.04672069	0.05017977
0.00058265	0.00059033	0.00078869	0.00092319	0.00087484	0.000764	0.00074517	0.00095253
0.0001234	0.00012745	0.00013834	0.00014382	0.00016158	0.00021623	0.00025202	0.00025527
0.35932314	0.33341645	0.39313603	0.39654931	0.41923537	0.39903292	0.43401169	0.46105997
0.0300248	0.03125214	0.03223228	0.03336722	0.0360379	0.03625956	0.0363197	0.0366572
0.00580947	0.00570367	0.00672878	0.00741963	0.00688494	0.00646974	0.0064164	0.00743638
0.08714619	0.09272698	0.0985886	0.09727622	0.10020185	0.10172907	0.10028824	0.09917044
0.00233774	0.0025975	0.00249762	0.00256317	0.00326115	0.00283555	0.00315604	0.00335933
1.987E-06	1.7123E-06	1.839E-06	2.3424E-06	2.8685E-06	2.8888E-06	2.8039E-06	3.1661E-06
0.75233776	0.81542363	0.89814794	0.88741685	0.90540372	0.92142434	0.92719461	0.99813215
		0.00027585	0.00025786	0.00030358	0.00077677	0.00500751	0.00713174
1.05097276	1.06557015	1.11666382	1.07405779	1.04747669	1.06320577	1.08737124	1.13446723
0.04346964	0.04528972	0.04689041	0.04845459	0.05172769	0.05278335	0.05235178	0.05233474
0.01349884	0.01377563	0.01517003	0.01465375	0.0158025	0.01548585	0.01566249	0.01606935
0.00024142	0.00017758	0.00019965	0.00017758	0.00019965	0.00016366	0.00016366	0.00014974
0.00041363	0.00044511	0.0005014	0.00053761	0.00064267	0.00077493	0.00095595	0.00103164
8.6932E-05	7.4915E-05	8.0455E-05	0.00010248	0.0001255	0.00012639	0.00012267	0.00013852
8.1248E-05	8.7433E-05	9.849E-05	0.0001056	0.00012624	0.00015222	0.00018778	0.00020264
4.4317E-05	4.7691E-05	5.3722E-05	5.7601E-05	6.8858E-05	8.3028E-05	0.00010242	0.00011053
9.8674E-05	9.5435E-05	9.1949E-05	8.5954E-05	0.00010842	9.0537E-05	9.1235E-05	0.00010961
0.07840073	0.09226509	0.09435273	0.07206803	0.06449568	0.08117288	0.08720444	0.09246727
7.4513E-06	6.4213E-06	6.8961E-06	8.7841E-06	1.0757E-05	1.0833E-05	1.0515E-05	1.1873E-05
0.00675673	0.00850154	0.01046014	0.01026589	0.01253617	0.00965826	0.01344181	0.0131852
6.2094E-05	5.3511E-05	5.7468E-05	7.3201E-05	8.9641E-05	9.0276E-05	8.7621E-05	9.8939E-05
0.00219659	0.00184882	0.00271643	0.00240124	0.00258158	0.00248147	0.00247209	0.00266573
0.01450562	0.01664071	0.01576399	0.01441437	0.01527762	0.01777379	0.01857075	0.0207289
0.00542837	0.00592942	0.0067104	0.00645531	0.00701557	0.00702945	0.00721532	0.00815631
0.02211724	0.01998135	0.02017016	0.02147714	0.02101379	0.02131142	0.02143498	0.02510755
0.00068332	0.00072552	0.00080299	0.00082549	0.00091771	0.00106684	0.0011487	0.0013194
0.10361788	0.1088897	0.11533583	0.12406947	0.12994807	0.12828338	0.13622806	0.13975307
0.0913583	0.10037241	0.10429601	0.12411095	0.13311255	0.13151046	0.14241587	0.15193021
0.76937044	0.81982172	0.86526776	0.9972211	1.07829467	1.13283799	1.20352306	1.29113612
0.0422467	0.04444746	0.04888649	0.06155616	0.04939492	0.049201	0.05346818	0.05658538
0.07749261	0.08385226	0.10581351	0.12119899	0.14864867	0.18056353	0.21060476	0.20606175
0.0242267	0.02723215	0.02931956	0.0340805	0.04346377	0.05666415	0.06649077	0.07151243
0.00295215	0.00315356	0.00380397	0.00344693	0.00393724	0.00402555	0.00402033	0.00457425
0.03242891	0.03227864	0.03489127	0.03520575	0.03621349	0.0368018	0.03772664	0.0406921
0.50056259	0.53244389	0.56342049	0.52335964	0.5583527	0.56934255	0.58368245	0.61126292
0.01209285	0.01060132	0.01048912	0.0089624	0.00974794	0.00925132	0.00835323	0.00858601
0.00507718	0.00611413	0.00705794	0.00809378	0.01001003	0.012197	0.01290472	0.0150582
1.53860175	1.57555816	1.61698725	1.74756797	1.74450758	1.82358736	1.91705657	2.05284067
0.21984614	0.23087044	0.23941662	0.24700807	0.27367307	0.2757088	0.27598818	0.28069729
0.0565814	0.06026607	0.05835009	0.06066148	0.04792091	0.0369354	0.04158802	0.04197259
0.03325765	0.03610199	0.03877322	0.04139215	0.04571245	0.04899228	0.04906351	0.04987496
0.00048514	0.00053845	0.00051077	0.00051298	0.00065132	0.000542	0.00060725	0.00064065

6.5852E-05	7.3169E-05	7.0356E-05	7.2202E-05	9.1863E-05	7.9875E-05	8.8903E-05	9.4629E-05
9.935E-06	8.5617E-06	9.1948E-06	1.1712E-05	1.4343E-05	1.4444E-05	1.4019E-05	1.583E-05
0.02515951	0.02415544	0.03404778	0.03415348	0.03309989	0.03598205	0.05301089	0.05924739
0.01704659	0.01875989	0.01924879	0.01812938	0.01775128	0.0187549	0.02164329	0.02667907
0.00076601	0.00085018	0.00080647	0.00080997	0.0010284	0.00085579	0.00095881	0.00101156
0.00990662	0.01073856	0.01264606	0.01405385	0.01184224	0.01225537	0.00990776	0.01175124
0.00096021	0.0010333	0.00116397	0.00124803	0.00149192	0.00179895	0.00221918	0.00239488
0.00461333	0.00904149	0.01232004	0.0160844	0.02138304	0.02400761	0.02733007	0.03246054
1.987E-05	1.7123E-05	1.839E-05	2.3424E-05	2.8685E-05	2.8888E-05	2.8039E-05	3.1661E-05
0.04513724	0.05457402	0.05217136	0.04891623	0.04432049	0.04554339	0.05037831	0.06030356
7.3862E-05	7.9485E-05	8.9537E-05	9.6002E-05	0.00011476	0.00013838	0.00017071	0.00018422
0.05531084	0.05814487	0.06038876	0.06295238	0.06927927	0.07009697	0.0706365	0.07197835
0.01035473	0.01102485	0.01226032	0.01003613	0.01154335	0.01214874	0.01296173	0.01391913
0.07208366	0.07523965	0.07752659	0.08010504	0.08813337	0.08803256	0.08851273	0.09009721
0.00068415	0.0007761	0.00072822	0.00073975	0.00100236	0.00083598	0.00093832	0.00097439
0.0152408	0.01694069	0.01882928	0.01965267	0.02145631	0.02307493	0.02630182	0.02756011
0.0064127	0.00714939	0.00783024	0.00816013	0.00942122	0.01012846	0.00998296	0.01018379
0.00436154	0.0044774	0.00501009	0.00556877	0.0055723	0.00487504	0.00473906	0.00471467
2.814E-05	3.2432E-05	3.0863E-05	3.239E-05	4.7554E-05	3.8438E-05	4.3205E-05	4.5504E-05
0.18179929	0.19934451	0.22130556	0.23203841	0.24183479	0.2617045	0.27758291	0.29981941
0.0035372	0.00346979	0.00375687	0.00424575	0.00429428	0.00445901	0.00471047	0.00544284
0.00022159	0.00023845	0.00026861	0.00028801	0.00034429	0.00041514	0.00051212	0.00055266
0.00140629	0.00152546	0.00166915	0.00156695	0.00137273	0.00149453	0.00154507	0.00142967
0.02041722	0.01922921	0.01569351	0.01933341	0.01724546	0.01744888	0.0200106	0.01990674
0.00256557	0.00291037	0.00273082	0.00277406	0.00375884	0.00313494	0.0035187	0.00365397
0.00246685	0.00214729	0.00225275	0.00137527	0.00119262	0.00140332	0.00184751	0.00170986
0.00031022	0.00033383	0.00037605	0.00040321	0.000482	0.0005812	0.00071696	0.00077373
0.00011177	9.6319E-05	0.00010344	0.00013176	0.00016135	0.0001625	0.00015772	0.00017809
0.00096412	0.00114122	0.00122521	0.00134726	0.00148663	0.00163572	0.00177748	0.00180983
0.00022159	0.00023845	0.00026861	0.00028801	0.00034429	0.00041514	0.00051212	0.00055266
0.04749188	0.0485292	0.05233392	0.05549889	0.05834454	0.05802065	0.05777295	0.05442506
0.00073862	0.00079485	0.00089537	0.00096002	0.00114763	0.00138381	0.00170706	0.00184221
0.00329259	0.00365845	0.00351778	0.00361009	0.00459317	0.00399374	0.00444513	0.00473145
0.00106509	0.00119531	0.00160678	0.00167392	0.00200577	0.00173747	0.00179416	0.00218139
0.02888308	0.03371807	0.04400593	0.0513887	0.05973088	0.07197717	0.0895501	0.1132309
0.00860144	0.00896087	0.01017087	0.01131495	0.01139982	0.01223288	0.01336412	0.01312052
0.18741405	0.19754751	0.20672898	0.18803646	0.20034615	0.22209782	0.22840913	0.22559563
0.07006147	0.07048041	0.06889804	0.06844837	0.08050935	0.07920927	0.08560304	0.08758651
0.00147628	0.0014754	0.00160804	0.00155976	0.00210034	0.00253264	0.00280394	0.00313751
0.04401344	0.04887129	0.04981878	0.05428907	0.0563641	0.05664405	0.05751413	0.05825798
0.00073747	0.00072722	0.00090504	0.00139075	0.00200674	0.00272893	0.0048548	0.00409927
0.13442332	0.09907362	0.11427791	0.11970523	0.13739997	0.14973432	0.15662079	0.19127467
0.00763335	0.00807436	0.00888703	0.00936526	0.00987227	0.01007877	0.01016127	0.01137657
0.04820364	0.05229102	0.05944719	0.05613694	0.06110699	0.05801885	0.05577737	0.05793211
0.11046676	0.11336498	0.116336	0.11613185	0.11928826	0.11644392	0.11937433	0.12099656
0.00830584	0.00825008	0.00821418	0.00820442	0.00817185	0.00819826	0.00819733	0.00819698
0.00306404	0.00340071	0.0032259	0.00323987	0.0041136	0.00342315	0.00383524	0.00404623
0.26963579	0.28730705	0.29809169	0.33536285	0.35324988	0.36384549	0.38880873	0.39960219
0.00658575	0.00685438	0.00761317	0.00744348	0.00811688	0.00845961	0.00887158	0.00953204
0.02026268	0.02140475	0.02237847	0.0276788	0.03181004	0.02922017	0.03157352	0.0453611
0.0565548	0.06021411	0.0655241	0.0617427	0.06663466	0.06401793	0.06337166	0.06429022

0.00574216	0.00613632	0.00732715	0.00745692	0.00778902	0.00867603	0.01041891	0.0130127
0.00049389	0.00054877	0.00052767	0.00054151	0.00068898	0.00059906	0.00066677	0.00070972
0.00230522	0.00266717	0.00320734	0.00383418	0.00439192	0.00659384	0.0081696	0.0081509
0.00031761	0.00034178	0.00038501	0.00041281	0.00049348	0.00059504	0.00073404	0.00079215
0.05899272	0.06259542	0.0665109	0.0545451	0.07512666	0.08434805	0.07670607	0.07387252
3.43812766	3.61291772	3.74716581	3.88219831	4.27888475	4.32270161	4.33555577	4.41092013
0.00018717	0.00023886	0.00024038	0.00023685	0.00045921	0.00062707	0.00054309	0.0006072
0.03249092	0.03848042	0.04208439	0.04602906	0.05512587	0.06473249	0.10370854	0.17986652
0.01891835	0.01838461	0.01952847	0.02213867	0.02199981	0.02266187	0.02417852	0.026886
0.02027409	0.02300618	0.03210344	0.03913027	0.03262755	0.01922785	0.01839875	0.02464362
2.43606477	2.55054764	2.69514453	2.51757255	2.34838662	2.42256747	2.42222319	2.43843778
0.00545188	0.00577332	0.0064957	0.00661019	0.00672923	0.00716003	0.00734538	0.00736868
0.01901589	0.02006317	0.02127784	0.02168454	0.02278285	0.02472032	0.03170215	0.03337132
8.5473E-06	7.9833E-06	8.313E-06	8.7383E-06	8.3941E-06	8.3329E-06	1.2895E-05	9.5813E-06
0.00023048	0.00025609	0.00024624	0.00025271	0.00032152	0.00027956	0.00031116	0.0003312
0.00036931	0.00039742	0.00044768	0.00048001	0.00057382	0.0006919	0.00085353	0.00092111
0.00694423	0.00785189	0.00840631	0.00910626	0.0102967	0.01154871	0.01229393	0.01475186
0.00058351	0.00062793	0.00070734	0.00075842	0.00090663	0.00109321	0.00134858	0.00145535
2.6455E-05	2.3167E-05	2.4336E-05	3.088E-05	3.8036E-05	3.9656E-05	3.9745E-05	4.2864E-05
1.4772E-05	1.5897E-05	1.7907E-05	1.92E-05	2.2953E-05	2.7676E-05	3.4141E-05	3.6844E-05
0.00034773	0.00029966	0.00032182	0.00040993	0.00050199	0.00050555	0.00049068	0.00055406
0.02569785	0.02709566	0.02967303	0.02859424	0.0261863	0.02627939	0.02713405	0.02882415
0.01359391	0.01332585	0.01440884	0.01628743	0.01645326	0.01707498	0.01805029	0.02080213
0.16926093	0.17263321	0.18160935	0.17871019	0.18702797	0.1945891	0.20072117	0.2067966
0.0012699	0.00137282	0.00170397	0.00198473	0.00228057	0.00194552	0.00179535	0.00206738
0.00011079	0.00011923	0.0001343	0.000144	0.00017214	0.00020757	0.00025606	0.00027633
0.01459853	0.01635926	0.01713342	0.01868057	0.02466342	0.03146098	0.03578002	0.03386198
2.209E-06	1.9037E-06	2.0445E-06	2.6042E-06	3.1891E-06	3.2116E-06	3.1172E-06	3.5199E-06
0.00014772	0.00015897	0.00017907	0.000192	0.00022953	0.00027676	0.00034141	0.00036844
0.00197243	0.00211474	0.00225877	0.00233853	0.00318636	0.00199233	0.00235471	0.00231092
0.07086223	0.08124393	0.09132458	0.07801738	0.08143419	0.09673412	0.10309936	0.10781572
0.00178946	0.0020003	0.0022016	0.00229317	0.00266584	0.0028804	0.0028323	0.00288543
0.0205491	0.02236483	0.02407338	0.02564178	0.02845259	0.03051753	0.03050917	0.03102009
6.5852E-05	7.3169E-05	7.0356E-05	7.2202E-05	9.1863E-05	7.9875E-05	8.8903E-05	9.4629E-05
0.00743226	0.00836222	0.01317137	0.00987348	0.00963471	0.00937362	0.01198362	0.01418171
0.01064067	0.01197055	0.01363131	0.01489188	0.01622977	0.01793601	0.0190975	0.0210399
0.15219937	0.16569367	0.18408157	0.18738692	0.20971033	0.22135467	0.2438569	0.17212465
0.04039443	0.04855823	0.05739006	0.06288552	0.07144948	0.08492991	0.09215474	0.10174995
0.00649599	0.00820741	0.00882915	0.00923916	0.00954317	0.00802292	0.00724859	0.00698564
0.00288067	0.00279079	0.00271703	0.00263515	0.00267949	0.00527685	0.0047532	0.00446006
0.67836821	0.71205571	0.74042716	0.769347	0.83640183	0.85433245	0.85318239	0.86158969
0.0207486	0.02326315	0.0224414	0.02146184	0.02189935	0.02334501	0.02289028	0.02479046
12.9025791	14.0714	14.9093081	14.779212	14.4903576	15.2523418	15.7572216	16.3584713
0.02028945	0.0225164	0.02462035	0.02561193	0.02963378	0.03179342	0.03131333	0.03189596
7.4513E-06	6.4213E-06	6.8961E-06	8.7841E-06	1.0757E-05	1.0833E-05	1.0515E-05	1.1873E-05
0.1087888	0.12396175	0.15673243	0.22330286	0.24623509	0.27172522	0.26649089	0.30160655
4.9675E-06	4.2809E-06	4.5974E-06	5.8561E-06	7.1713E-06	7.2221E-06	7.0097E-06	7.9152E-06
0.01701262	0.01743305	0.01682104	0.01370195	0.0136594	0.00433197	0.00278618	0.00331535
0.00026341	0.00029268	0.00028142	0.00028881	0.00036745	0.0003195	0.00035561	0.00037852
0.00023048	0.00025609	0.00024624	0.00025271	0.00032152	0.00027956	0.00031116	0.0003312

0.00606508	0.00964321	0.01283577	0.01302352	0.01032383	0.01635058	0.01535581	0.01598377
0.22610153	0.23480838	0.25015754	0.24318465	0.26457268	0.25928316	0.25523227	0.26493773
0.00679208	0.00795064	0.00977602	0.00966788	0.01018095	0.01003792	0.00898649	0.00870792
0.02832239	0.03283995	0.03534646	0.03596865	0.03963899	0.03308345	0.03198221	0.03234597
0.00045064	0.00046242	0.00043632	0.00043787	0.00043978	0.00044223	0.0004924	0.00052407
0.06096469	0.06401288	0.06706113	0.07010933	0.07315759	0.07620579	0.07925405	0.0823023
0.04521257	0.04520273	0.04314884	0.04627646	0.04742407	0.04864064	0.05560514	0.05831903
0.05419838	0.05606797	0.05796954	0.06033491	0.06142624	0.06568834	0.06916718	0.06991183
0.00066962	0.00067586	0.00069097	0.0007354	0.00074117	0.00082708	0.00086442	0.00088231
0.00433006	0.00528306	0.007212	0.00931225	0.01097014	0.01339824	0.0152618	0.01758782
0.4061753	0.3959145	0.41150539	0.44962832	0.47512253	0.47805698	0.48538964	0.50211289
0.02597542	0.02660379	0.02723008	0.0286616	0.02955214	0.02958127	0.02957087	0.03040731
0.00058755	0.00060168	0.00056052	0.00056194	0.00058649	0.00057452	0.00058616	0.00058996
0.28558963	0.29015609	0.28159695	0.27284459	0.29988783	0.30054026	0.29905008	0.30692103
0.13816933	0.13849407	0.14003743	0.13769007	0.13906613	0.1416192	0.14026586	0.14268196
0.06068289	0.0619013	0.06308426	0.06611577	0.06791131	0.06775293	0.06752779	0.06926287
0.03162721	0.0288573	0.03166282	0.02756792	0.03278915	0.03378429	0.03446646	0.03245744
0.15853281	0.1574398	0.15911081	0.16074326	0.16091813	0.16104241	0.16393463	0.16678239
0.02146678	0.02066155	0.02214065	0.02083095	0.01993741	0.02402643	0.02419563	0.02544168
0.05123452	0.04843281	0.04851848	0.05063218	0.05278181	0.05604216	0.0505935	0.0583548
0.48778694	0.47653163	0.52384811	0.54871372	0.52440474	0.56232965	0.53624644	0.60223039
0.13092771	0.13290918	0.13088967	0.13279354	0.13733194	0.14183077	0.13818515	0.14123605
0.00209185	0.00229108	0.0024903	0.00268953	0.00288875	0.00308798	0.0032872	0.00348642
0.00229485	0.00225708	0.00227225	0.0022545	0.00223668	0.00231636	0.00213453	0.00218191
0.09829173	0.10044769	0.10361418	0.10828078	0.11097759	0.11521206	0.11843618	0.12117635
0.15488747	0.15609928	0.15723772	0.16293222	0.16557334	0.16353625	0.16143655	0.16401703
0.0043185	0.00436845	0.00438758	0.00453683	0.00463983	0.00467075	0.00477	0.0048744
0.00188179	0.00189037	0.00189801	0.00193877	0.00195536	0.00200517	0.00197295	0.00198598
0.0350923	0.03668063	0.03612317	0.04003232	0.0425652	0.04282012	0.04224691	0.04409525
1.0161549	1.00810408	1.01569167	1.05754782	1.08312446	1.10935151	1.136166	1.16356857
0.00300766	0.00283881	0.00289421	0.00294913	0.00281183	0.00305173	0.00302283	0.00326008
0.00136262	0.00137783	0.00148925	0.00152833	0.00161977	0.0019094	0.00183889	0.00205919
2.6383E-06	2.8749E-06	3.1236E-06	3.3856E-06	3.6621E-06	3.9988E-06	4.3538E-06	4.7254E-06
0.0085167	0.00892437	0.00909639	0.0086021	0.00917763	0.00920798	0.01012315	0.00970447
0.01114465	0.01101785	0.0115625	0.01248088	0.01274224	0.01302795	0.01296562	0.01290917
0.43277594	0.43599267	0.4464379	0.45702225	0.44471048	0.47136403	0.47498205	0.46264223
0.11447009	0.11711326	0.11860009	0.11563114	0.11359987	0.11794855	0.12217386	0.12310561
0.40495917	0.41985229	0.42449245	0.44469815	0.44021508	0.45128336	0.4568672	0.46612758
7.2390257	7.26229308	7.58121381	7.74038153	8.04871531	8.0285953	8.15750715	8.94915854
0.05009289	0.05127451	0.05042481	0.05375194	0.05847313	0.06240568	0.06662766	0.07244285
0.07079056	0.07262184	0.07206003	0.07785638	0.08136228	0.08238056	0.08205914	0.08023326
0.1091115	0.10931428	0.11587444	0.11945979	0.11980072	0.1236557	0.12039345	0.12054943
0.00867425	0.00999856	0.00949936	0.00923956	0.01039754	0.01042666	0.01106129	0.0120428
0.43681646	0.44634305	0.45570482	0.46950333	0.48374187	0.5119521	0.52719877	0.54288208
0.00109088	0.00112014	0.00115137	0.00118663	0.00119327	0.00123874	0.00139988	0.00145861
0.00168194	0.00189604	0.00198671	0.00187567	0.00212499	0.00197502	0.00222978	0.0028585
0.03387249	0.03492483	0.03599201	0.03676191	0.03895563	0.04154917	0.04245958	0.04378505
0.11232039	0.10936113	0.11297921	0.11925775	0.11277731	0.12001191	0.12138882	0.11970818



0.01075922	0.01026138	0.01050964	0.00934002	0.00851216	0.00865001	0.00879804	0.00874746
0.19080815	0.19065267	0.1905779	0.1922803	0.19412297	0.19615382	0.19493254	0.19713095
1.19347353	1.19589786	1.21012611	1.21104724	1.22413913	1.23685497	1.22386716	1.27384762
0.00115619	0.00116306	0.00126791	0.00139374	0.00147198	0.00161243	0.00168497	0.00174773
0.00058778	0.00060292	0.00056964	0.00057188	0.00057434	0.00057774	0.00064273	0.00068368
0.09501375	0.09505997	0.0916731	0.0942562	0.09598347	0.09689468	0.09779571	0.10216048
0.03268446	0.03282769	0.03450233	0.03622039	0.03716132	0.03725885	0.0399191	0.04090067
0.11363411	0.1269986	0.13347474	0.14553605	0.15829651	0.16340152	0.17158904	0.1891224
0.05162594	0.05318167	0.05477838	0.05753056	0.06039396	0.0621961	0.06160325	0.06216655
0.4388144	0.44887205	0.45261403	0.46953798	0.48021217	0.50459946	0.52281075	0.54895178
0.0118245	0.01150001	0.0111506	0.01122446	0.01129581	0.01112801	0.01215957	0.01248674
0.0021694	0.00220451	0.00223961	0.00227471	0.00230982	0.00234492	0.00238002	0.00241513
0.83506073	0.86308199	0.88600463	0.92760663	0.94022057	0.95389827	0.96188749	0.98875197
0.02335076	0.02357575	0.02379387	0.02467446	0.02508371	0.02477782	0.02444139	0.02478698
0.23664038	0.23089195	0.2243868	0.22572599	0.22611578	0.22074334	0.23822662	0.24151843
0.08453298	0.08535981	0.08700419	0.08632996	0.08873111	0.08798005	0.08640414	0.08795565
0.00490653	0.00500956	0.00539743	0.00540994	0.00561465	0.00551908	0.00551616	0.00582469
1.1260485	1.12361316	1.12956831	1.14374613	1.14860859	1.16152956	1.20019398	1.21228711
0.00018294	0.0001859	0.00018872	0.00019165	0.00019421	0.00019475	0.00019544	0.00019582
0.00539008	0.00542508	0.00547259	0.00603668	0.0068411	0.00714878	0.00747115	0.0079232
0.92699511	0.92880258	0.92087165	0.91246266	0.91291899	0.91294125	0.91261488	0.89346856
0.03974931	0.04009827	0.04044127	0.0419675	0.04268493	0.0421667	0.04162002	0.04228952
0.07794618	0.07867165	0.07794038	0.08160988	0.07564731	0.07716811	0.07194005	0.06983595
6.2321E-05	6.2048E-05	6.1517E-05	6.1222E-05	6.0675E-05	6.0122E-05	5.9796E-05	5.9228E-05
0.0354243	0.03569632	0.03742773	0.03777911	0.03834019	0.03915063	0.03856972	0.03886159
6.756E-06	6.9119E-06	7.0592E-06	7.1977E-06	7.3285E-06	7.4157E-06	7.496E-06	7.5802E-06
0.00444446	0.00442673	0.0046704	0.00456007	0.00424445	0.00428863	0.00422804	0.00498973
0.00407438	0.00382468	0.00422776	0.00411389	0.00458885	0.00536043	0.00521857	0.00609771
0.00102044	0.00107206	0.00112369	0.00117531	0.00122694	0.00127857	0.00133019	0.00138182
0.14571558	0.14630236	0.15885494	0.15683812	0.1596776	0.16299173	0.1620709	0.16750372
0.0009193	0.00091624	0.00089721	0.00089303	0.00090339	0.00092781	0.00104204	0.0009898
0.00078919	0.00080475	0.00081977	0.00083476	0.00084925	0.00086371	0.00087792	0.00089212
0.05287844	0.05435441	0.05586535	0.05738706	0.05997489	0.06041178	0.06191478	0.06458327
0.00219552	0.00220579	0.00221579	0.00222608	0.00223642	0.00224656	0.00225705	0.00226742
0.00728821	0.00707417	0.00737954	0.00795613	0.00827587	0.00847526	0.00909869	0.00875963
0.10422872	0.10429714	0.10461625	0.10508157	0.10561136	0.10600985	0.10613054	0.10590581
0.02620852	0.02657485	0.02695572	0.02735714	0.02879781	0.02980076	0.03031709	0.03196721
0.04422648	0.04398004	0.04462197	0.04660225	0.04683996	0.04841412	0.04911577	0.04937584
0.03493427	0.03632208	0.03692722	0.03840108	0.03910036	0.03984805	0.03887982	0.04239503
0.16114857	0.16337726	0.1639302	0.16620696	0.17023668	0.17089921	0.16985482	0.17219858
0.69185168	0.70817205	0.76130306	0.7789668	0.79700301	0.81550495	0.85432961	0.91476377
4.91482232	5.12940597	5.25045251	5.16776086	5.28547719	5.4039645	5.74098155	6.08857237
0.05555345	0.05575469	0.0560327	0.06098076	0.06133617	0.0611246	0.06302375	0.06437367
0.28014019	0.29876268	0.3342667	0.34434357	0.34926802	0.37172536	0.3893472	0.4145015
0.07087476	0.07573872	0.08060267	0.08546662	0.09033058	0.09519453	0.10005849	0.10492244
0.00516145	0.00543259	0.00507046	0.00498216	0.00565178	0.00544317	0.00541036	0.00571143
0.18390704	0.18967344	0.19735702	0.20266466	0.21181728	0.21892654	0.22671427	0.22621362
0.94535062	0.95118683	0.9930436	0.9714065	0.97649181	0.98116738	0.99467188	1.02623663
0.02462956	0.02720998	0.02466311	0.02655064	0.02692124	0.02764123	0.02481017	0.02824612
0.01743505	0.01783617	0.01903512	0.01864207	0.01981336	0.02001535	0.02121795	0.02318445

2.03810568	2.08213221	2.14599197	2.13391118	2.1574373	2.2139659	2.21011423	2.26356904
0.20057442	0.20381137	0.20696988	0.21617072	0.22111446	0.2195254	0.21766169	0.22207574
0.13110263	0.13792932	0.14093365	0.14401671	0.1494229	0.15974439	0.16820712	0.17205489
0.04039618	0.04130302	0.04218265	0.04431163	0.04562521	0.04563105	0.04560186	0.04691545
0.05735589	0.05791089	0.05701119	0.055747	0.04823985	0.04520729	0.04422599	0.04104932
0.00044858	0.00046556	0.00049878	0.00050825	0.00051019	0.00053898	0.00054289	0.00056554
0.00032388	0.00035856	0.00035849	0.00035143	0.00035101	0.00038558	0.00039085	0.00040981
0.50047665	0.53127109	0.56276638	0.58239476	0.62075693	0.64722948	0.61511388	0.65400619
0.00950641	0.01036844	0.01082691	0.01177997	0.01268471	0.01388061	0.01595429	0.01742685
0.02465422	0.02478468	0.02537867	0.02541709	0.02535509	0.02569702	0.02700763	0.02673513
0.0297553	0.03021941	0.03066205	0.03190842	0.03156041	0.03286619	0.03542164	0.03594156
0.01130204	0.01089209	0.01172433	0.01181246	0.01162886	0.01225547	0.01376363	0.01388009
0.01655066	0.01781249	0.02092561	0.02397301	0.02565694	0.0271143	0.02864718	0.03100877
0.0009482	0.0009578	0.00091278	0.00086755	0.00091425	0.00098248	0.00103458	0.00124279
0.09148417	0.09759365	0.09520492	0.09701072	0.10102061	0.09823512	0.10915752	0.11329682
0.01118522	0.0108827	0.01093109	0.01228635	0.01180165	0.01246336	0.01474973	0.01490215
0.04954417	0.05006857	0.05058387	0.05256135	0.05351691	0.0529061	0.05223809	0.05307044
0.00618654	0.0061712	0.00626116	0.00634757	0.00637187	0.00638342	0.00648896	0.00658686
0.05887544	0.05892533	0.05898866	0.06032106	0.06078787	0.05996701	0.05911042	0.05953693
3.2877E-05	3.2877E-05	3.2622E-05	3.2367E-05	3.2112E-05	3.1857E-05	3.1602E-05	3.1347E-05
0.16578268	0.17515064	0.17946829	0.18384358	0.19388521	0.19288675	0.20630654	0.2113264
0.04184829	0.04244308	0.04302802	0.04485487	0.04579768	0.04538463	0.0449039	0.04570866
0.07298899	0.07369023	0.07438667	0.07770668	0.07981662	0.08199604	0.07998134	0.08658765
0.00146366	0.00145598	0.00184225	0.0018985	0.00190265	0.00202	0.00196836	0.00221364
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0.05289875	0.05374565	0.05496363	0.05682361	0.05800394	0.0598135	0.06132281	0.06265564
0.05212264	0.05161157	0.05001817	0.05450438	0.05805749	0.05948919	0.05865645	0.05886188
0.00556824	0.00560989	0.0055116	0.00542319	0.00568621	0.00592039	0.00592656	0.00594144
0.16760626	0.17482426	0.17565536	0.18319853	0.19098866	0.19184015	0.20350058	0.21182305
0.01590053	0.016361	0.01726618	0.01776539	0.01873089	0.0197339	0.0193292	0.02061832
0.05267803	0.05231373	0.0567982	0.05487377	0.05458486	0.05780061	0.05578323	0.05730066
0.01438989	0.01410596	0.0142322	0.01480031	0.01539021	0.01530728	0.01640067	0.01705245
0.00017889	0.00018522	0.00019136	0.00019727	0.00020293	0.0002073	0.00021146	0.00021563
0.0087917	0.00921901	0.00922055	0.00981011	0.01027152	0.01043051	0.01152302	0.011706
0.05587809	0.05596409	0.05845847	0.05945521	0.0605076	0.06164601	0.06287043	0.06505111
0.10171432	0.10431293	0.11104998	0.11800461	0.1208619	0.12373266	0.1311467	0.14115201
0.00842288	0.00854989	0.00881202	0.00906552	0.00900964	0.00936703	0.00986895	0.01022024
0.00153385	0.00165916	0.00169441	0.00172288	0.00169754	0.00178831	0.00180617	0.00174901
0.04796588	0.049411	0.05000092	0.05246497	0.05600441	0.06171154	0.06464979	0.06771786
0.43450934	0.37408025	0.42929113	0.47821479	0.48198207	0.46642933	0.4500875	0.46408751
0.0228576	0.02292125	0.02368287	0.02335322	0.02527204	0.02609958	0.02735227	0.02696351
0.2195757	0.22342604	0.22726097	0.23338655	0.2302102	0.23159635	0.2352853	0.24370033
0.05947475	0.06116582	0.0628542	0.06385622	0.06550928	0.06645781	0.06737707	0.07032897
0.08785292	0.08785192	0.09368769	0.0957675	0.09586977	0.10011284	0.1023784	0.10688876
0.05024254	0.0516728	0.05519433	0.05552395	0.06143208	0.06445874	0.05706922	0.05969267
0.01044476	0.01096699	0.01148923	0.01201146	0.01253371	0.01305594	0.01357818	0.01410042
0.57240838	0.60908052	0.62598675	0.64354336	0.63899366	0.66900813	0.67626611	0.72128713
0.01646718	0.01523116	0.01622527	0.01814731	0.01923659	0.01785685	0.01991956	0.01844273
0.15051729	0.14930853	0.15635982	0.15787537	0.16826675	0.16376436	0.17144326	0.15994671
0.27253064	0.29256307	0.2883573	0.31588691	0.32484141	0.32720628	0.34343214	0.35299858

0.00648065	0.00689177	0.0073034	0.00771528	0.00812768	0.00853804	0.0089489	0.00935977
0.58679893	0.60238943	0.61276009	0.62340158	0.64566462	0.65687044	0.65670903	0.67415148
0.01883333	0.01932578	0.01823499	0.0182997	0.01837953	0.01848206	0.02057876	0.02190233
0.14667502	0.15238174	0.1604255	0.16128368	0.17158388	0.17688731	0.17949129	0.18193292
0.14975408	0.15389153	0.15255801	0.15751494	0.15808944	0.15717542	0.16105738	0.15371118
0.030523	0.03081014	0.03067519	0.032363	0.03141955	0.0342755	0.03734506	0.03858426
0.00172393	0.00182382	0.00190642	0.00188515	0.00201422	0.00207827	0.00209689	0.00221051
0.00194074	0.00212549	0.00231088	0.00249589	0.00268043	0.00286414	0.00304733	0.00323121
0.00272615	0.00279689	0.00267109	0.00268706	0.00270523	0.00273919	0.00301931	0.00320524
0.38368247	0.39120869	0.3987923	0.41344761	0.40416883	0.41218476	0.41338746	0.42178738
2.05694252	2.06785454	2.07932498	2.15168737	2.18455888	2.15681591	2.12887467	2.1630417
0.03329471	0.03371054	0.0341046	0.03516833	0.03698392	0.03891797	0.04169334	0.04159422
0.04619177	0.0442541	0.04741439	0.05089971	0.05590517	0.06632614	0.07913482	0.09057338
0.12483368	0.1246158	0.12704937	0.13352943	0.13479993	0.14015134	0.14290288	0.14430773
0.13747442	0.14154297	0.14585316	0.15037812	0.15242338	0.15998207	0.16787513	0.18495967
0.05636378	0.05613016	0.0610816	0.06467104	0.06594916	0.06701398	0.06718755	0.06987058
0.01676901	0.01746682	0.018164	0.01885599	0.01954057	0.02021651	0.02088566	0.02155584

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0.00153418	0.00156301	0.00162227	0.00168327	0.00171343	0.00180751	0.00187062	0.00200557
0.01849005	0.0188153	0.02092452	0.02129341	0.02029256	0.02066706	0.02153649	0.02243787
0.02812053	0.0289263	0.03033784	0.03243114	0.03459795	0.03616254	0.03776517	0.03935762
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0.00056371	0.00056252	0.00053465	0.00047949	0.00046379	0.00053252	0.00060586	0.00063875
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0.12827014	0.12447782	0.12629831	0.1309714	0.13567684	0.14189312	0.14235117	0.13987323
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0.01728361	0.01778506	0.01719012	0.01724564	0.01692583	0.01657876	0.01658695	0.01778823
0.33972363	0.36294348	0.37280877	0.36828182	0.37795166	0.38773645	0.4053779	0.41535121
0.02745299	0.02835262	0.02927488	0.03108868	0.0323378	0.03265008	0.03292029	0.03415807
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0.5852967	0.59978685	0.60165037	0.62305997	0.65161803	0.67367056	0.69588656	0.69646844
0.34224723	0.34167729	0.34140973	0.34135204	0.34133841	0.34128048	0.34120935	0.34110009
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0.09154442	0.09735001	0.09083343	0.09675192	0.09801056	0.10446469	0.10775782	0.11301336
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0.041708	0.04032031	0.03937337	0.04179398	0.04284249	0.04156931	0.04082923	0.04060958
4.38965969	4.38305467	4.37622861	4.36870516	4.445237	4.6078848	4.55861212	4.59527042
0.16415171	0.16947505	0.17491479	0.1856554	0.19298393	0.1946767	0.19607747	0.20318751
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0.11437716	0.11835424	0.12041134	0.12467325	0.13810308	0.14538069	0.16506621	0.16838642

0.33418276	0.34908059	0.34250656	0.35755209	0.34243436	0.34950292	0.34856904	0.35544156
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0.05651142	0.05747664	0.05853034	0.05975565	0.06241002	0.06661681	0.07250202	0.07757214
0.27156486	0.28687678	0.2987111	0.30667846	0.3189539	0.31817533	0.33058054	0.33867766
0.04919237	0.05182253	0.05128845	0.05489287	0.05684403	0.05786389	0.06261968	0.06073025
0.0582645	0.06131259	0.06065186	0.05781801	0.06082254	0.06706374	0.07137958	0.0736488

14.752339	14.752339	14.752339	14.4246618	15.8083431	15.8885564	16.0483165	18.0489376
816.939157	859.396046	902.368049	831.913064	840.806938	880.328861	863.112201	902.95755
241.685921	245.958379	255.651776	243.026463	234.362243	243.100299	236.692829	236.5772
895.507549	896.238995	937.432714	940.499936	877.432715	910.567268	914.265711	919.315818
916.206938	969.848796	1040.74986	1075.98694	1040.40185	1173.91763	1161.35841	1230.86702
257.086708	281.275673	283.998761	279.485446	266.799451	288.953027	285.843843	290.316983
380.891708	401.649416	426.842462	416.508965	435.358223	457.961534	472.742189	497.277836
3.99414576	4.08948659	4.187484	4.28687409	4.386793	4.48344445	4.5804672	4.67833623
299.399715	302.825842	311.944835	320.206394	322.44714	322.224934	326.355657	331.483008
28.1838464	27.0070856	26.065018	25.4823055	24.3416989	24.5096858	24.0405844	24.2808258
229.194059	225.653739	223.404061	223.513219	226.944811	228.096095	227.098006	230.999351
1.17783305	1.17138587	1.22633436	1.24119261	1.18449334	1.20082695	1.20583997	1.21191448
0.38138904	0.41300305	0.44442036	0.47703661	0.47548828	0.51394078	0.51568598	0.54754569
1.22476054	1.33836978	1.3631534	1.24084331	1.10002797	1.17887989	1.06379572	1.05075749
3.57471157	3.84057945	4.08847571	3.94459019	4.25019956	4.39962242	4.55599437	4.81754362
189.514579	191.322831	192.999001	193.95164	194.670288	196.964513	197.927258	199.409882
25.8164677	27.45546	29.8106384	33.9317077	34.7987763	36.3298491	38.2995385	40.2658627
150.77331	151.665955	154.274974	156.234261	160.679924	162.612592	165.938946	173.062603
6.30056527	6.56463938	6.91530399	6.61231065	6.72401609	6.88977475	7.04681206	7.37881943
0.22142428	0.21512468	0.22283167	0.22891504	0.22948873	0.250743	0.26434138	0.26974858
2.06104016	2.02720641	2.10604489	2.09541456	2.00190002	2.00614785	2.00097479	1.99926324
4.35580929	4.495176	4.66649057	4.74340826	4.69610532	5.19869904	5.2161195	5.90401888
134.83734	136.364646	148.296948	153.623639	145.980499	142.094763	142.008433	144.319216
4.72364442	4.95111459	5.25131726	5.17541351	5.39502063	5.5571005	5.72942163	5.9926978
7.10130173	7.165268	7.28539035	7.37657952	7.44730602	7.53065466	7.58026468	7.75224758

50.0839411	50.0839411	50.0839411	50.6844887	55.3252835	58.498207	62.9532065	67.3188441
2945.30045	3062.61117	3126.13725	3046.22933	3121.85124	3248.5882	3267.11438	3367.93953
1369.08748	1452.56727	1627.79573	1621.32715	1475.59987	1591.58612	1589.65765	1699.50278
3578.11594	3658.6212	3848.38581	3838.42249	3715.20069	3883.82796	4053.24125	4102.66982
3909.6238	4188.50578	4525.95711	4608.94638	4697.90182	5060.61009	5280.81886	5456.38998
922.117394	990.445441	1030.69792	1008.06861	968.424522	1043.18504	1064.67614	1098.68804
2901.44672	3070.78512	3247.30338	3218.3671	3285.81738	3422.09041	3544.4483	3689.73411
7.61408066	7.81615964	8.022529	8.23032352	8.43719285	8.61908408	8.7989205	8.97778732
3648.05812	3662.14	3710.46839	3763.27256	3814.82863	3828.63827	3837.12366	3828.84112
241.288115	243.212414	245.696202	249.399281	255.650611	259.625817	264.43014	269.93635
1896.82999	1952.47409	2056.06615	2013.70571	2004.81353	2046.30866	2077.35953	2089.06246
8.13376248	8.35675741	8.63734211	8.77773961	8.81311006	9.06014214	9.55760578	9.83334658
1.48090655	1.63551512	1.81142061	1.87175473	1.888927	2.01434935	2.1274009	2.21464622
4.86755588	5.37282858	5.40350224	4.87427951	4.55091066	4.69383812	4.42573772	4.40006436
21.0522115	22.5607282	24.0247263	23.8804004	24.7908236	26.0247554	26.8724254	28.1829405
916.782757	933.818665	950.514471	964.87643	977.343618	997.859738	1014.29913	1032.85664

162.366412	169.844001	181.366111	192.245086	191.089687	203.469437	219.728694	229.547291
908.600556	918.362063	930.117284	938.179501	972.457309	1000.18044	1024.23258	1053.93709
46.4937715	48.0220379	50.0579992	50.579184	52.3381076	53.8390571	55.4204107	57.1942751
3.0107114	3.2016746	3.61252183	3.66188715	3.47680998	3.73774756	3.74924341	3.90021738
12.1660752	12.3870453	12.7675779	12.7971525	12.7145956	13.1622668	13.8663913	14.1680419
14.5859317	15.3293519	16.3544385	16.622815	17.2146348	18.4744777	19.1432042	20.0141747
400.228385	411.126418	438.878089	450.665067	435.832165	449.298036	453.967482	463.266798
34.6735282	36.9434363	39.1256507	39.496925	40.1202531	41.6134326	42.9561834	44.7342559
44.3996126	45.0556233	46.133163	46.9667823	48.0219462	48.8532949	49.6798085	51.7353766

1979	1980	1981	1982	1983	1984	1985	1986
0.05547142	0.06133809	0.04729999	0.06280475	0.06039523	0.08700475	0.08773808	0.08134761
0.1679857	0.16295713	0.17049999	0.16782856	0.17285713	0.17757142	0.17757142	0.17757142
0.13781427	0.13734284	0.09433809	0.0981619	0.11560475	0.17846188	0.17919521	0.15902855
0.07497931	0.07695692	0.07719084	0.07710578	0.08206045	0.08212425	0.0840168	0.08718524
0.33261902	0.31952379	0.28599997	0.28809521	0.36195235	0.39338091	0.40019043	0.39437615
0.00392857	0.00534286	0.00492381	0.00665238	0.00927143	0.00900952	0.00749048	0.00859048
0.05623448	0.05771769	0.05789313	0.05782933	0.06154534	0.06159318	0.0630126	0.06538893
0.03127143	0.03252857	0.0308	0.02938571	0.0275	0.02687143	0.02687143	0.02498571
0.42046183	0.42732374	0.40825707	0.49819516	0.56168086	0.61379989	0.58787132	0.67414274
0.88377139	0.93892854	1.11382853	1.03007139	1.03038568	0.87119999	0.8342714	0.76245711
2.18920945	2.46562372	1.9264666	1.84103326	1.4075285	2.03751418	1.93882845	2.40617129
1.29658565	1.30077612	1.27102374	1.39312372	1.57891893	1.75381891	1.75209034	1.54586654
0.04379047	0.04211428	0.04143333	0.04578095	0.05101904	0.05238095	0.05295714	0.05243333
0.04630475	0.05400476	0.0489238	0.02535238	0.05227618	0.07076666	0.08737142	0.14530474
9.80466561	10.8145702	10.3483798	10.8585701	11.9496652	13.2848555	12.4064269	11.9213794
0.01147143	0.01335714	0.01257143	0.01147143	0.00817143	0.00738571	0.0044	0.00424286
0.03897143	0.03991428	0.05515714	0.0517	0.06694286	0.05814286	0.03881428	0.00942857
0.20994283	0.21161902	0.18857141	0.19642855	0.19904759	0.23539997	0.24283807	0.28112854
0.05971428	0.05845714	0.05971428	0.07228571	0.077	0.055	0.06474285	0.07259999
0.97428569	0.96642855	1.06825711	0.91268568	0.80189997	0.96925712	0.98559998	1.04452854
0.00958571	0.00817143	0.00817143	0.00817143	0.01351429	0.01414286	0.01367143	0.01304286
1.72746093	1.82945333	1.78516873	1.70370421	1.72914271	1.68753289	1.66247343	1.10750357
1.59327134	1.62595705	1.63271419	1.57614277	1.52397135	1.47635707	1.50857135	1.61668561
0.00984762	0.01314762	0.01361905	0.01707619	0.0167619	0.01372381	0.01194286	0.01131428
0.11502857	0.10842857	0.11157143	0.11419047	0.10114762	0.11927143	0.1190619	0.1179619
0.16458095	0.22335238	0.1658381	0.13000952	0.14205714	0.22942857	0.23885714	0.26106667
0.0799857	0.07013809	0.05782856	0.0486619	0.07768094	0.07228571	0.06804285	0.04913333
1.35174281	1.44665708	1.36839992	1.42654277	1.36588562	1.34357133	1.39857133	1.96931416
1.18328567	1.13174281	1.12907138	1.03551901	1.01996186	1.21314281	1.31999994	1.73139994
0.10387758	0.10661741	0.10694147	0.10682363	0.11368792	0.1137763	0.11639828	0.12078789
0.02807619	0.02907143	0.02954286	0.02755238	0.03179524	0.02451428	0.00995238	0.02383333
	0.01115714	0.01162857	0.011	0.00785714	0.00707143		0.01571428
3.81857139	3.51528568	3.65042852	3.48071423	3.63471423	3.6818571	3.88299994	4.19335706
1.91714286	1.94857143	2.332	2.61485714	2.64471427	2.67142856	2.67142854	2.92128568
0.68498571	0.62212857	0.60751428	0.69347143	0.74658571	0.70148571	0.78885714	0.69614285
0.09428571	0.12099999	0.09428571	0.13011428	0.08344285	0.12257142	0.14299999	0.17285713
0.05363707	0.05049801	0.05186282	0.05391004	0.04435636	0.08639254	0.09212475	0.06701222
0.91100948	0.89283331	0.90388568	1.05175709	1.06176186	1.04018089	0.88958568	0.94395711
1.1564665	1.64937121	1.83521878	2.04762352	1.99587115	2.42408537	2.51114251	2.6211425
5.39104686	5.31069444	5.7659896	6.13668954	7.04052273	8.13528449	8.74709392	10.0755271
0.06191428	0.08595713	0.0832857	0.10607141	0.10481427	0.10151427	0.1338857	0.16342855
0.50489994	0.56377614	0.72097135	0.90875705	1.06600464	0.9047761	0.86040944	0.93426656
0.19689998	0.14237141	0.09569998	0.0953857	0.06961427	0.13011426	0.11628569	0.12414283
0.00911429	0.00817143	0.00565714	0.0044	0.00628571	0.00628571	0.00628571	0.00565714
0.08485714	0.10198571	0.1012	0.08721428	0.08077143	0.08642857	0.08485714	0.08108571
1.52171894	1.36200942	1.23524752	1.27746656	1.2831237	1.20167132	1.30695702	1.38275226
0.01555714	0.0121	0.00597143	0.01917143	0.02765714	0.02451428	0.02781428	0.01335714

0.47032855	1.2665714	1.38599997	1.48499997	1.51642854	1.49285711	1.43314282	1.44571425
0.09684827	0.09940269	0.09970483	0.09959496	0.10599475	0.10607715	0.1085217	0.11261427
0.03457143	0.033	0.03430952	0.0352	0.03373333	0.04719524	0.05814286	0.04798095
0.21322241	0.21884626	0.21951144	0.21926956	0.23335941	0.23354082	0.23892278	0.24793303
0.43324279	0.43607135	0.38924279	0.26368567	0.3331428	0.35749994	0.36959994	0.37148565
	0.00015714	0.00031429	0.00078571	0.00078571	0.00078571	0.0011	0.00062857
0.05028571	0.0528	0.05657143	0.05154286	0.03142857	0.03142857		
0.06903809	0.08700476	0.08899524	0.07930476	0.08862857	0.08978095	0.08103333	0.08627143
0.22471427	0.23744284	0.1932857	0.17867141	0.20255712	0.23555712	0.23288569	0.22895712
0.07810345	0.08016346	0.08040712	0.08031852	0.08547964	0.08554609	0.0875175	0.09081796
0.2592857	0.26557142	0.17977142	0.18668571	0.22471427	0.20082856	0.23555713	0.25142856
2.32340946	2.31869516	3.0095475	3.08209512	2.78368083	3.10702845	3.30466175	3.1329046
0.01251532	0.01178287	0.01210132	0.01257901	0.01034982	0.02015826	0.02149577	0.01563619
0.11361427	0.10497141	0.14551426	0.18024282	0.18071425	0.20019996	0.21057139	0.18071425
0.00628571		0.0132	0.01257143	0.01382857	0.01885714	0.01445714	0.01508571
0.21874284	0.18872855	0.21874284	0.24482855	0.2862095	0.4473333	0.41119044	0.40841426
0.07888571	0.11534285	0.15604284	0.08627142	0.12099999	0.11817142	0.14918094	0.08187142
0.03719047	0.05971428	0.04588571	0.05845714	0.09082856	0.06757142	0.08517142	0.10779999
0.00759524	0.01120952	0.00921905	0.00612857	0.00560476	0.00639048	0.00544762	0.0066
0.00172857	0.00298571	0.00188571	0.00188571	0.00235714	0.00377143	0.0044	0.00361429
0.02294285	0.02262857	0.0266619	0.02786666	0.03849999	0.03551428	0.03472857	0.04117142
0.07354286	0.04520476	0.04939524	0.05929524	0.06861904	0.05913809	0.06233333	0.05919047
1.10460936	1.1787284	1.16154745	1.3276998	1.27856647	1.26908553	1.55754739	1.95318067
0.20711427	0.19160951	0.21167141	0.15358094	0.12241428	0.11623332	0.08779047	0.2534714
0.44780472	0.36781901	0.36781901	0.40239043	0.42192852	0.32418568	0.38447615	0.56864755
3.26699991	3.419638	3.41371893	3.33074755	3.71957136	3.18282375	3.18910944	3.43781419
1.18014273	1.19742844	1.22272844	1.21911415	1.25211415	1.27757129	1.32314271	1.272857
0.21811428	0.16342857	0.15305714	0.15604286	0.13383333	0.12079047	0.12723333	0.13163333
0.00094286	0.0011	0.00125714	0.00094286	0.00094286	0.00094286	0.00078571	0.00078571
1.82914281	1.57142854	1.89828566	1.85428567	1.89357138	1.74428566	1.83699995	1.31999997
6.31116473	6.80760769	6.80600465	6.78955557	7.16886731	7.1166914	7.18663185	7.31595645
0.00282857	0.02042857	0.03802856	0.06453332	0.14525236	0.20501902	0.20439045	0.23021425
0.05214716	0.04909529	0.05042219	0.05241254	0.04312424	0.08399275	0.08956573	0.06515077
0.05327142	0.12634283	0.11707141	0.12414283	0.06552856	0.13514283	0.1467714	0.0942857
0.0154	0.01178571	0.01084286	0.00419048	0.01162857	0.01278095	0.01194286	0.01110476
0.1826	0.16924285	0.28992857	0.18731429	0.24404286	0.18857143	0.22078571	0.21952857
0.26793903	0.3441466	0.32211692	0.3303529	0.37625726	0.37229563	0.3536694	0.3925821
0.00521472	0.00490953	0.00504222	0.00524125	0.00431242	0.00839927	0.00895657	0.00651508
0.08077143	0.066	0.06631429	0.05877143	0.06301428	0.03724286	0.04745714	0.03221428
0.15415714	0.242	0.17882857	0.14954761	0.16515712	0.16484283	0.19501426	0.18181426
0.2425238	0.2697619	0.37221904	0.46639999	0.63297142	0.54900476	0.57922856	0.57074282
0.17260862	0.17716125	0.17769974	0.17750393	0.18891	0.18905686	0.19341368	0.20070769
0.44518964	0.45693174	0.45832059	0.45781556	0.48723393	0.48761271	0.49884977	0.51766238
0.02702857	0.02184286	0.01571429	0.01445714	0.0132	0.00864286	0.00377143	0.00251429
0.0792	0.08171429	0.09617143	0.11722857	0.10308571	0.13561429	0.1399619	0.15934286
1.29050947	1.18632375	0.96805233	1.064119	1.14635708	1.06731422	0.99806661	1.07553803
0.92164283	0.88392855	0.73071425	0.7187714	0.78838568	0.79828569	0.76999998	0.79121425

0.07071428	0.06537143	0.066	0.05735714	0.0473	0.04337143	0.04808571	0.04824285
2.75751001	2.86379828	2.87023556	2.86616266	3.04454312	3.04103718	3.10155221	3.20410795
0.02320476	0.01812381	0.02975238	0.03698095	0.02802381	0.03179523	0.03053809	0.0187
3.71972833	4.05748069	3.7035426	3.37595213	3.92495682	3.90845682	4.07068055	3.9498377
2.83369007	3.13165374	3.12609063	3.11659194	3.27831814	3.24180121	3.2528771	3.27969535
0.16761904	0.16353332	0.10544285	0.1006238	0.11130951	0.16573332	0.23047616	0.28778092
0.31271426	0.29228569	0.39112853	0.49672852	0.75166659	0.6999666	0.67042373	0.79435705
0.20575236	0.27222378	0.32973806	0.31528092	0.25053807	0.24467141	0.18548094	0.19333808
0.05342857	0.06867142	0.07731428	0.06757142	0.05154285	0.04179999	0.0612857	0.06521428
0.18574286	0.17128571	0.18731428	0.19957143	0.1749	0.1661	0.20444285	0.18197142
0.01806951	0.01555991	0.01705027	0.01603502	0.0181632	0.02056114	0.02179127	0.0232414
0.66936654	0.5513157	0.63642993	0.7168457	1.06891063	1.29014697	1.65451824	1.58269561
0.55733636	0.69841388	0.66222441	0.38099336	0.50246976	0.5488514	0.60289702	0.62146315
1.6067E-05	2.492E-05	1.209E-05	1.0928E-05	6.894E-06	5.3137E-06	1.0307E-05	1.4801E-05
2.68533577	1.73420145	1.80886176	1.90424339	2.00998497	2.06129315	2.08760438	2.20156868
0.35693745	0.37186059	0.37966237	0.34036854	0.32196685	0.2821793	0.27355464	0.27355464
				0.10446205	0.11043131	0.14326224	0.15221613
17.4275265	17.3937565	18.3787314	17.8420994	19.4599819	19.6117903	18.7083628	20.0477112
4.83779474	5.42990513	5.62507882	5.72789889	5.85563805	6.08964189	6.28340999	6.40578442
0.03202191	0.02593318	0.023947	0.02899951	0.01834666	0.02174735	0.02189078	0.02260185
11.7719929	11.0271636	10.4770818	10.8626166	10.297994	10.6546089	10.7456038	10.7633026
16.4935893	18.1252035	17.4142516	17.5059872	16.3153732	16.366445	17.1013698	16.5688815
5.37149886	6.26137396	6.64366904	6.86321304	7.09695753	7.47075135	7.75475044	7.96815894
0.02436894	0.02111556	0.01990731	0.01920097	0.02362792	0.02689795	0.02740344	0.02262568
38.2238055	33.6755487	30.2321817	27.6930216	25.9089148	26.0713715	29.3821115	30.7664761
0.08502889	0.09132737	0.07243195	0.06613348	0.0409399	0.0409399	0.05668593	0.02834297
0.1044383	0.09049527	0.07465243	0.08228985	0.08860469	0.08069386	0.07946998	0.07669608
1.6449406	1.7490148	1.9405022	1.93475218	1.79692339	1.77453449	2.05095125	2.30409404
29.4890387	30.8448809	27.7072184	27.3082557	27.537613	26.4892723	23.8221549	24.4704389
0.06399398	0.06730793	0.07029245	0.07012785	0.07311237	0.08223107	0.08521558	0.09151375
0.32021914	0.25933185	0.27778525	0.2132317	0.1742933	0.16804774	0.1492553	0.15258483
1.8787951	1.55147704	1.13736102	1.98401019	2.41114328	2.10988033	2.06126384	1.78381789
18.7569764	19.6152054	19.4494742	19.2819866	19.2698756	19.5091076	19.7551523	19.7701805
0.01829824	0.01481896	0.0143682	0.01194098	0.01284266	0.01482774	0.01492553	0.01891597
0.04345831	0.03519504	0.03161005	0.02985244	0.03394133	0.03558658	0.03482624	0.03329926
0.63176452	0.67558647	0.72560171	0.72737474	0.79905513	0.7918152	0.79039344	0.69268999
16.0583962	17.5907742	17.5582358	19.1586566	19.9691119	19.4822369	21.7748058	22.421278
0.09283116	0.07962493	0.07836137	0.07272589	0.08384601	0.09944756	0.10989683	0.10987418
0.01807222	0.02769779	0.02747379	0.03681648	0.03681648	0.03659248	0.04278579	0.03642788
0.00077926	0.00097808	0.00760315	0.00748878	0.00759176	0.00573021	0.00593393	0.00475723
0.03787651	0.04108503	0.04652581	0.04652581	0.04951033	0.05592738	0.06354128	0.07609219
0.03481277	0.03016509	0.03234939	0.03840193	0.04430235	0.03765714	0.03836482	0.03799292
92.7085978	89.69865	83.6881154	89.6813741	84.1377387	82.0123915	82.4754433	79.4473757
19.1459941	19.1458649	16.1585183	15.3289091	16.705422	16.9913727	19.8286027	19.8088702
2.54449187	2.4760053	2.48657277	2.4793396	2.25535244	2.28191444	2.20504069	2.51889456
358.667346	334.545751	352.975013	365.814611	384.2405	415.080597	434.819753	459.499346
0.47849392	0.55093933	0.54695391	0.49294172	0.45172467	0.44699524	0.45627823	0.51109911
0.22277174	0.25111471	0.27283003	0.28493294	0.28476865	0.31278219	0.38157159	0.39334534
1.65669573	1.74343762	1.95728794	1.35353396	2.20903957	2.07777615	1.9216331	1.51780513
0.05635676	0.05320768	0.05320768	0.06249067	0.07193823	0.0780721	0.08105662	0.08105662
0.00767873	0.00963664	0.01516505	0.01494441	0.01514802	0.01142683	0.01128389	0.00626551



3.41141042	4.17508494	3.52712326	3.73032222	3.68266833	3.56771975	3.77412088	3.71491347
0.01044383	0.00904953	0.00746524	0.00822899	0.00886047	0.00806939	0.00822103	0.0036547
0.07310681	0.06334669	0.0522567	0.02468696	0.02658141	0.02958775	0.03014378	0.00754696
0.11670763	0.10709548	0.0759326	0.05189077	0.06100946	0.07045701	0.06432341	0.06730793
4.98208719	4.96819699	4.26628014	4.45765866	4.36684187	4.92675528	4.91687583	5.19011276
0.01315186	0.01111422	0.0119735	0.01151451	0.01330133	0.015322	0.01592057	0.01717842
0.11761676	0.1325081	0.12632463	0.1350325	0.14083748	0.14374011	0.14355115	0.14645376
41.8311793	35.4621005	35.9849441	34.1057568	35.8602062	37.4163858	38.1646118	39.1442147
281.842653	254.544504	240.207872	227.675122	220.630279	234.781035	251.411053	261.086635
0.34812765	0.30165091	0.19907314	0.21943961	0.17720938	0.13448977	0.1370172	0.10056949
0.00228728	0.00185237	0.00287364	0.00255878	0.002752	0.00296555	0.00298511	0.00248865
22.2701077	18.6788879	16.4475367	12.7181691	11.8004656	11.56519	11.970882	11.4413195
0.26465365	0.27344319	0.39069675	0.35214816	0.3427006	0.34314865	0.45113483	0.40845924
5.160859	5.36888345	5.84134053	6.24370832	7.04067303	7.75806425	4.86851444	5.6015422
1.7355114	1.83089571	1.95604027	1.88924733	1.83210609	2.09331971	2.32955072	2.56762758
7.46680159	8.03927763	9.61534892	10.7606974	12.0575856	13.1773167	12.7671494	12.9084718
0.00033148	0.00033148			0.00397794	0.00331498	0.00232047	0.00265198
0.03300041	0.03208632	0.02794413	0.03402234	0.03487943	0.03270165	0.03597034	0.02896091
20.9160542	19.5779533	19.0998268	19.9453073	20.329951	20.5575427	21.2443481	21.3593944
2.02464425	2.10259981	2.07796091	2.05635012	2.05146588	2.07143352	2.09074265	2.08819945
0.11670171	0.16327148	0.1419133	0.17585691	0.24692497	0.19440868	0.16732715	0.26628124
12.7656692	11.4382936	9.96070708	9.06037484	8.38246233	7.67990967	8.0726394	8.47311639
0.27285079	0.34242503	0.27714118	0.26936796	0.22372828	0.15461263	0.15932368	0.14178742
0.00091491	0.00074095	0.0007663	0.00068234	0.00073387	0.00079081	0.00099504	0.00078172
128.984371	119.506943	115.043142	106.540008	107.160215	107.606469	107.754993	111.308714
0.05038746	0.08860658	0.05967045	0.2990111	0.2580712	0.3140991	0.32354666	0.27000981
129.818805	120.624947	119.025547	117.365187	115.68887	111.777961	122.409462	125.080066
3.78536238	4.23525014	4.41444728	4.5191689	4.63546584	4.82504261	4.94451499	5.04290538
0.55525897	0.42007976	0.62310508	0.57225675	0.29450555	0.398667	0.53451195	0.52225758
0.19495149	0.16892451	0.13686278	0.15360772	0.16834891	0.15331834	0.14523823	0.14672352
0.04002739	0.03241648	0.04693613	0.05288146	0.05962666	0.07018464	0.0646773	0.06679194
0.03829404	0.0331816	0.02737256	0.03017295	0.03248839	0.03227755	0.03288413	0.02424194
0.02088766	0.01809905	0.01493049	0.01645797	0.01772094	0.02151836	0.0246631	0.01730086
0.01574602	0.01259694	0.01889541	0.01889541	0.01259694	0.01574602	0.00944755	0.01574602
6.32365183	5.86860279	5.49655904	6.47105849	6.1473597	6.51478905	7.00708311	6.19495926
0.00343092	0.00277856	0.00383152	0.00341171	0.00366933	0.00395406	0.00398014	0.00468658
0.39275502	0.41766651	0.45817213	0.43903926	0.42517139	0.44700561	0.4437511	0.44525441
0.02859099	0.02315463	0.02107336	0.02302902	0.02568533	0.02174735	0.02189078	0.02604926
0.18503814	0.18188906	0.20381835	0.1975048	0.25177392	0.22332419	0.24226513	0.21380063
0.79657592	0.92909188	0.74230218	1.02571154	0.71652632	0.79815772	0.84451698	0.95813872
0.31914577	0.31593724	0.28742453	0.2718214	0.27450085	0.25262152	0.25728267	0.27310479
2.70232962	2.23153785	1.63590184	2.85366377	3.46802263	3.03470672	2.96478011	2.56572093
0.04399727	0.0374748	0.0374748	0.04692236	0.05322083	0.05636991	0.0593547	0.06547515
20.9025308	20.5673895	20.7376309	20.8345415	19.5499574	20.3386457	22.3338607	20.6340698
16.6239802	18.0491094	19.4478393	19.4002791	18.8965373	18.4141043	17.8709636	17.9351455
47.7956995	45.3585491	54.2274503	55.5258526	60.8461376	73.5966219	66.4604881	59.9949793
8.07953783	7.26226794	7.71250706	7.86154146	8.22506092	7.28077593	7.59481323	8.64070828
32.6419106	30.3168361	31.5745029	36.0962372	44.3677136	47.1207976	51.2387172	44.8490203
3.90533042	4.05202706	3.66409128	3.34295892	3.56810074	3.27961279	3.73222267	4.8350758
0.77417279	0.72474022	0.70531529	0.65438392	0.63898437	0.58045917	0.544824	0.58562246

1.86049459	1.85932488	2.09572591	1.87496266	1.97749333	1.95557045	1.62289852	2.71698415
82.2741666	78.4557398	74.9174383	73.1704954	74.462866	78.524064	76.9533291	76.4321163
0.38727974	0.30901619	0.32472963	0.31138867	0.30823929	0.28897475	0.3240182	0.32000561
0.59376526	0.79745806	0.99213155	1.0694399	1.01981714	1.06395357	1.03404244	0.86029038
132.108324	124.851211	128.840861	119.656584	125.256869	136.299385	131.807668	136.465546
16.3232184	18.8620051	20.0045426	20.6797839	21.38395	22.4744817	23.2114113	23.8242183
0.96423818	0.90120913	0.84268854	0.75339946	0.70618206	0.81221442	0.84075154	0.87561765
3.91429338	4.22828797	4.34954328	4.42606244	4.51276772	4.65047937	4.69508422	4.75500586
0.07294791	0.09154811	0.07582523	0.08219423	0.09467513	0.07998782	0.07898722	0.05847807
0.00767873	0.00963664	0.00758252	0.0074722	0.00757401	0.00285671	0.00282097	0.00216097
0.00457456	0.00370474	0.00383152	0.00341171	0.00366933	0.00395406	0.00398014	0.00345943
41.047855	46.3622994	50.7427157	48.9192119	50.4277037	56.1372727	59.9757182	63.8358244
5.73442022	5.01966207	4.21762857	3.10756857	3.30052434	5.20871214	4.4009426	5.56376231
0.11518092	0.14454964	0.04549514	0.04109711	0.04544406	0.03142379	0.03385167	0.03132754
1.05828797	1.61760657	1.39499186	0.44198873	0.69979705	0.98642624	1.19268401	1.42819546
0.45256595	0.39214618	0.29860971	0.32915941	0.35441877	0.2958775	0.30143784	0.18230277
0.83307046	0.75627393	0.71051707	0.54957768	0.46551414	0.52835607	0.62433583	0.5661466
0.00914912	0.00740948	0.00574728	0.00682341	0.00642133	0.00691961	0.00895532	0.00912447
0.73592994	0.58460279	0.55327518	0.64443797	0.60963196	0.52725847	0.55842149	0.54218162
0.03481277	0.03016509	0.02488414	0.02742995	0.0295349	0.02689795	0.03014378	0.0257858
7.10292968	7.44956909	7.38101543	7.30953803	7.30076599	7.39428634	7.51045192	7.51917604
1.67274964	1.50826459	1.37033451	1.41729334	1.37623533	1.28144259	1.38862902	1.46618602
3.49053702	3.65424419	3.63251631	3.6084374	3.61152863	3.66027793	3.702351	3.70771742
0.12285964	0.15418628	0.11752911	0.12329134	0.17420224	0.1428354	0.11565986	0.12322165
2.31227688	2.27433757	2.22916162	2.33258149	2.41431863	2.49799227	2.64625296	2.69855052
13.6774419	14.2811174	14.2841761	14.2696456	14.3359764	14.550171	14.6138424	14.644981
0.03964714	0.07997646	0.0867497	0.08382754	0.08084256	0.13614411	0.08358017	0.11800017
0.00383936	0.00481832	0.00379126	0.0037361	0.00378701	0.01142683	0.01128389	0.00968084
20.4124597	23.4977374	24.3724748	26.2677822	24.7783723	25.3703606	26.3125902	25.8532147
0.23764338	0.19624186	0.14386152	0.25095174	0.30497857	0.26687269	0.26072333	0.22562999
0.1044383	0.09049527	0.09953657	0.08228985	0.08860469	0.08069386	0.09043135	0.05562387
0.0846766	0.0841093	0.078115	0.0715534	0.0686508	0.096287	0.0541378	0.0748342
0.27766051	0.29029476	0.06380337	0.08273606	0.07040475	0.06781092	0.03691148	0.04339876
0.541608	0.68065206	0.56793003	0.6316933	0.64372699	0.5362935	1.90411088	2.99894511
0.69485527	0.8819993	0.62996942	0.61435528	0.65603357	0.58567778	0.7621739	0.82056905
0.14643067	0.12698278	0.10015326	0.11069264	0.11950653	0.16230943	0.16525815	0.07760484
0.05146379	0.04167833	0.04310461	0.03838171	0.04036266	0.03855213	0.0477617	0.05052478
0.09105751	0.07216219	0.06287912	0.05658068	0.06271453	0.06254994	0.06569916	0.08133998
0.10732493	0.09434411	0.09268517	0.08995418	0.08296609	0.06922008	0.08142826	0.06621663
1.33662356	1.33734696	1.39994566	1.44023195	1.50507459	1.52071741	1.46207838	1.61028933
0.34812765	0.30165091	0.24884142	0.27429951	0.29534897	0.26897955	0.30143784	0.25924581
0.38597061	0.48440882	0.38152796	0.26297617	0.22943109	0.2022512	0.24188344	0.20614041
0.0157461	0.01259688	0.02250102	0.02490482	0.11836408	0.02192314	0.03348566	0.14526236
3.09651932	3.62369132	4.24070022	4.77195062	4.67716269	4.58876666	4.99167902	5.08557732
0.16322143	0.19805952	0.21690064	0.21354369	0.23898832	0.21997438	0.25729851	0.27026996
49.8317353	46.4171192	42.1834579	38.3211364	39.1318382	39.7304784	43.9629929	43.28926
6.08640486	5.41305392	4.8078106	4.23507454	3.83865354	3.5971079	3.8807871	4.06843219
0.12966515	0.13813736	0.12467712	0.13819688	0.17053952	0.19411093	0.21829224	0.24856401
2.70725769	2.81293192	2.58836904	2.68859464	2.60892673	2.43225621	2.28038706	2.16667961
0.5775354	0.65133159	0.58716099	0.61605576	0.78377054	1.02307653	1.17716857	1.00118728
5.72247173	5.75149832	5.3418796	5.62912818	6.31358247	6.7560535	7.17863508	7.63996676

0.15495713	0.13891448	0.15450933	0.15749396	0.15732937	0.16622395	0.17225252	0.18120641
3.82385457	3.9234948	4.20586026	4.38349605	3.42680088	3.71742205	3.68270695	4.29628044
3.76783529	3.72391016	3.49524241	3.46838231	3.3985191	2.93092365	2.63828908	2.84294514
0.67409285	0.67409285	0.68425297	0.67935379	0.70526573	0.77998865	0.63116295	0.6880275
0.46072366	0.57819856	0.4549514	0.44833215	0.45444062	0.39993911	0.3949361	0.30074436
77.4877141	84.1766342	80.7521523	90.3076171	79.7038628	81.153965	88.7598041	94.784178
1.80091967	1.44321516	1.45184918	1.3222356	1.44573684	1.40513583	1.31675897	1.35239121
16.2742103	17.4262101	19.3056748	19.3706101	20.2272379	20.5987726	21.8637513	21.5526486
2.72830204	2.73912501	2.57432428	2.67263032	2.67805398	2.90762808	2.9844228	3.0558323
0.07019719	0.05836919	0.06994047	0.07861861	0.08151175	0.09308303	0.10201788	0.09886866
0.05759046	0.07227482	0.08719902	0.11208304	0.15148021	0.17140248	0.14669055	0.13829082
0.03365388	0.2036132	0.01259688	0.12899745	0.03381847	0.0314922	0.19348517	0.0472383
0.14969489	0.12970989	0.10700181	0.12892077	0.15948844	0.16138773	0.16168029	0.12752279
37.260851	35.9492407	33.1152616	30.1422414	29.4844129	24.5041324	34.911029	31.8971067
347.381885	370.059799	368.201792	365.12562	365.408188	371.853078	381.249737	383.076142
0.02799006	0.02799006	0.02799006	0.02799006	0.02799006	0.02799006	0.03105588	0.02799006
1.07945904	2.49260062	1.49592449	1.72672854	1.69157134	1.59373691	1.61310399	1.69634445
4.8712574	4.02260152	2.94889968	5.14405446	6.25150638	5.47040503	5.34435435	4.62500466
0.06853526	0.12190735	0.13433963	0.14063807	0.15274116	0.14047348	0.1245628	0.14926277
0.11245386	0.11234858	0.10924394	0.1154371	0.11858493	0.12798662	0.14014904	0.13052345
0.31274914	0.3137886	0.29636862	0.29803479	0.29974206	0.30378698	1.38388105	1.21264064
3.9523E-05	2.5797E-05	1.4203E-05	1.4187E-05	2.9427E-05	2.4972E-05	3.0472E-05	2.2959E-05
0.02687555	0.03372825	0.03791262	0.03362491	0.03787005	0.02856708	0.02538875	0.01715016
0.17406383	0.15082545	0.12442071	0.14812173	0.14767449	0.13448977	0.15071892	0.12977242
0.16544958	0.1472125	0.12864625	0.1253323	0.15002179	0.12500314	0.14356938	0.1588732
0.27502085	0.23830422	0.22893411	0.24961255	0.26286058	0.24746118	0.2493713	0.21702227
0.0114364	0.00926185	0.0095788	0.00767634	0.00917333	0.00988516	0.00895532	0.01119538
0.00696255	0.00603302	0.00497683	0.00548599	0.00590698	0.00537959	0.00548069	0.00494288
0.16010957	0.12966592	0.11494562	0.09382195	0.07338665	0.06623058	0.08557304	0.08636271
10.0384515	14.5375211	13.9333118	14.4358187	14.2953826	14.9304419	14.6235465	13.239894
1.10800903	0.91497501	0.67075237	1.17005904	1.42195843	1.24429026	1.21561896	1.05199674
29.7814827	26.4736113	25.8263502	21.5989007	17.2868706	13.917536	13.6605462	14.6714407
0.12929242	0.1324415	0.1324415	0.1324415	0.08803238	0.08803238	0.08803238	0.09737481
0.05221915	0.04524764	0.02986097	0.03017295	0.0561163	0.05379591	0.05754722	0.0445838
1.8499056	1.6638592	1.98189456	3.04316762	4.14850819	4.97270091	3.35771956	5.0529178
0.00101715	0.00082375	0.00085194	0.00075859	0.00081587	0.00087918	0.00088498	0.00089873
0.06962553	0.06033018	0.04727987	0.05211691	0.0561163	0.02420816	0.03014378	0.04246268
0.03464142	0.03464142	0.0314922	0.0472383	0.03464142	0.04408908	0.02834298	0.04093986
5.79251219	5.51335854	5.31390381	5.58362876	5.93445069	5.90207459	5.7148305	6.10945482
8.93423149	9.40273168	9.39341179	9.36351431	9.39762739	9.55066762	9.66438145	9.69680173
16.9102279	18.5468576	19.1425202	19.4925134	19.9011193	20.5871319	20.9626634	21.2897655
0.00767873	0.00963664	0.01137379	0.0112083	0.01136102	0.00857012	0.00846292	0.00389172
0.18033477	0.17685637	0.1826233	0.17607116	0.17823284	0.21422662	0.17491903	0.18751591
1.29941507	1.36741646	1.4302925	1.52255746	1.58402191	1.69807775	1.79526037	1.90351961
14.3100203	17.434124	16.4594099	19.5284777	21.0921627	20.4606482	23.0013794	23.4482798
7.02628345	7.09771371	7.24931109	8.9401593	9.6508705	9.89240568	10.0409228	10.4942783
0.25720392	0.27957764	0.25708391	0.18183181	0.17868259	0.18796566	0.19111488	0.30133758
0.02204454	0.02204454	0.01889532	0.01889532	0.02204454	0.01889532	0.02204454	0.01889532
78.0949445	82.6767835	82.2913073	81.702594	81.8022916	83.1429124	84.789672	85.1069754
0.8856954	1.14297454	1.15882799	1.05416133	1.02975687	0.95536553	0.92468847	0.87412144

799.170459	700.589393	657.252439	649.150522	636.754429	660.505382	643.873302	626.308532
36.0533854	42.0605804	44.477532	45.8205772	47.2988277	49.7617247	51.8137166	53.223338
0.00343092	0.00277856	0.00287364	0.00255878	0.002752	0.00296555	0.00298511	0.00255605
3.92381566	3.86272305	4.83794823	4.63663982	4.82015991	4.71985808	5.85812334	4.7036561
0.00228728	0.00185237	0.00287364	0.00255878	0.002752	0.00197703	0.00199007	0.00122442
10.5129059	3.91163479	4.5636185	4.88180744	4.24484719	3.10356679	2.06392339	2.16815159
0.03071491	0.03854657	0.02653883	0.02615271	0.02650904	0.01999696	0.02256778	0.01557083
0.02687555	0.03372825	0.02653883	0.02988881	0.03029604	0.02856708	0.02256778	0.01461952
0.33564982	0.46495444	0.42004241	0.59160361	0.61780692	0.66074387	0.80626635	0.64384564
14.9651298	13.1676552	11.7771952	10.7627281	10.2394158	12.5769045	12.5763846	10.7658413
0.30018046	0.36142357	0.33882314	0.31398331	0.2944619	0.32408413	0.2922026	0.2721958
1.44532987	1.56106384	1.20977216	1.35741998	1.49080173	1.43070747	1.70718043	1.77810306
3.485E-08	4.4079E-08	3.6487E-08	4.3249E-08	3.8617E-08	3.308E-08	8.9951E-09	3.6743E-09
0.30466108	0.34637488	0.3338809	0.32137504	0.33389386	0.35894336	0.37690096	0.37698495
11.5619757	11.6604797	10.7163471	10.5865076	10.9696127	11.2052856	11.3360573	11.4586605
0.48987037	0.47419961	0.60942838	0.62323439	0.60587864	0.63374212	0.65320562	0.65552479
4.66723758	4.97838874	4.35608984	3.73379182	3.23595602	3.36041247	1.43128708	1.58063855
22.8286891	21.5427324	14.1736374	12.1164085	11.6324759	16.2229075	14.2863048	9.03374158
14.7595925	14.93096	14.3239834	15.2502988	15.1174765	14.9065516	15.3330464	16.4418094
0.14565159	0.14531596	0.14529228	0.14670491	0.14660362	0.15083572	0.15849842	0.1604334
6.176E-08	7.3464E-08	5.1245E-08	7.8216E-08	3.9007E-08	3.4989E-08	9.0362E-09	3.5732E-09
18.0647568	17.703218	17.196909	17.963514	17.9941541	17.2834013	19.1465829	18.0505253
3.65382415	3.68582488	3.16736203	2.81449113	3.22251833	3.3584673	3.51333729	3.64979459
3.35828433	3.41186855	3.43014022	3.4581883	3.4579665	3.48178248	3.55232282	3.5689633
0.00109587	0.00123285	0.00047263	1.9227E-09	2.7215E-09	2.82E-09	2.6668E-09	5.9338E-09
10.1600592	10.2010205	8.47693971	7.02481342	6.96786086	7.47005212	6.5920066	7.23148083
		1.0162E-07	1.0823E-07	1.0871E-08	2.3632E-09	1.5361E-07	1.7251E-07
0.00469659	0.00528366	0.00177238	8.2403E-09	1.0206E-08	8.4599E-09	7.7337E-09	2.0114E-08
0.23084763	0.23153695	0.51887461	0.47656035	1.48842328	0.84368713	0.58285194	0.54483044
2.27447421	2.49990341	2.32516801	2.54010176	2.70242703	2.99944327	3.04150816	3.23934127
2.4888466	2.52781463	2.53543912	2.36379633	2.2051016	2.47013248	2.36627196	2.76069691
6.176E-07	7.3464E-07	5.9445E-07	5.7512E-07	3.7056E-07	2.7037E-07	6.161E-08	2.4122E-08
0.13060914	0.11941397	0.0866034	0.11102998	0.1203298	0.1201613	0.13803325	0.13580953
5.31525703	5.45729544	5.5039181	5.5439672	5.54538194	5.51410306	5.52646108	5.52674665
3.5292E-08	4.198E-08	3.0747E-08	3.2207E-08	2.7305E-08	2.3856E-08	6.161E-09	2.9905E-09
8.3817E-08	9.9702E-08	6.7644E-08	8.0517E-08	7.2162E-08	5.7254E-08	1.4376E-08	5.2643E-09
1.16060354	1.18208081	1.3102946	1.45034595	1.18388826	1.15502446	1.26881849	1.06050368
21.9102461	21.7468454	18.6969986	18.1358025	21.3822099	24.9875945	30.2340912	28.2920964
9.3166E-05	8.6623E-05	9.6573E-05	9.7644E-05	0.00014839	0.00034911	0.00039695	0.00632507
2.6171255	3.11718102	2.41899626	2.62692224	2.78760184	2.62706671	2.50318311	2.27503771
4.0454E-08	4.1024E-08	8.4618E-08	1.1301E-07	1.4802E-07	3.8158E-07	3.2466E-06	6.4485E-06
0.00313586	0.0032772	0.00336553	0.00366587	0.0034892	0.00347153	0.0038602	0.00432837
0.00156553	0.00176122	0.00076803	3.8455E-09	5.1028E-09	3.948E-09	3.7335E-09	9.964E-09
37.6104374	37.443929	34.8415395	33.2886629	32.0395969	36.0159392	38.5272996	40.9060009
0.72277401	0.73507863	0.70079852	0.64903954	0.63872852	0.65263374	0.63801459	0.60841792
9.03574514	7.98225376	5.49220172	4.53658076	4.39588259	4.30573551	4.02782725	3.44492246
93.0436576	107.135651	98.0868627	99.6736235	102.237109	111.21429	120.186332	129.047508
0.27918479	0.26119775	0.26396841	0.27296185	0.24044009	0.23144647	0.30859481	0.27850325
3.5349E-05	6.3089E-05	8.5175E-05	0.00010057	2.14946414	2.1006522	1.83198927	3.0043646
0.04637396	0.03987277	0.04355739	0.03169505	0.04764605	0.04579126	0.03969427	0.03356393

0.701442	1.10676453	1.29136992	1.54938785	1.62666127	1.66397446	1.66386721	1.70076891
8.3461E-12							
7.24404482	6.70142028	7.43295837	7.32321411	7.96708347	7.68362109	8.03784076	7.42722211
0.00046966	0.00052837	0.00017724	8.2403E-10	1.0206E-09	8.4599E-10	8.0003E-10	9.5847E-10
0.00328761	0.00369856	0.00124066	2.4721E-09	3.0617E-09	3.102E-09	2.9335E-09	1.9793E-09
0.08099585	0.08109318	0.07477303	0.14691919	0.08741284	0.09694154	0.09373301	0.13748795
1.37589578	1.70466856	1.04368361	1.53443094	1.43881182	1.55257264	1.48333904	1.33877777
2.5366E-08	3.1485E-08	2.5623E-08	3.1056E-08	2.828E-08	2.4651E-08	6.5717E-09	2.7158E-09
0.06590938	0.06900545	0.07210149	0.06615417	0.07210147	0.06281336	0.02875734	0.04944997
16.2480314	15.9000086	15.5723475	14.4004421	13.8481134	13.8317314	11.2510114	10.0914844
68.1906332	68.3120829	62.5096557	62.2412196	72.3655527	67.5383359	62.0005709	55.6353408
0.01565529	0.01761221	0.00472634	2.1974E-08	2.0411E-08	1.41E-08	1.3334E-08	2.6375E-08
4.4114E-09	5.2475E-09	6.1494E-09	6.9014E-09	5.851E-09	4.7712E-09	1.2322E-09	3.9343E-10
1.5548822	1.05002809	1.20190678	1.16553776	1.24952601	1.37061387	1.35859889	1.59242413
0.0304781	0.02770736	0.02770735	0.02216585	0.05040214	0.06351255	0.03047814	0.03324885
36.838559	34.6931537	29.3482495	28.8021581	29.3604699	30.4212859	36.8047405	36.9432087
2.84340317	2.63745754	2.63584803	2.4744198	2.47040473	2.96382252	2.84743043	3.63415252
2.44655112	1.5539188	1.67592056	1.88868554	2.74581496	3.00875899	3.53294215	4.10544194
0.03296997	0.03103065	0.0310307	0.03684881	0.03878829	0.03490949	0.03297	0.03684884
11.0464815	11.2054522	10.6807598	11.4996547	10.9134298	11.6145708	12.2566285	13.395961
2.00555852	2.00093707	2.00061101	2.02006221	2.01866759	2.07694172	2.18245373	2.20909762
0.06391373	0.07863999	0.06930553	0.08735638	0.09129919	0.07096786	0.07635954	0.09357929
1.57613916	1.49893795	1.51210576	1.32495989	1.42935267	1.3223645	1.44885487	1.31590586
2.9629E-10							
1.7646E-09	2.099E-09	1.6398E-09	1.8404E-09	1.5603E-09	1.2723E-09	4.1073E-10	1.2358E-10
36.2469387	36.1658565	33.1552775	28.2530783	25.883829	23.8178408	24.4752216	21.5732822
5.01748245	4.79124158	4.77618288	4.60892301	4.01074806	5.2493659	6.037566	4.04572077
53.3438097	42.6494179	37.360588	36.54205	38.0431891	36.368529	37.279728	38.0705364
0.00757613	0.00757291	0.00757909	0.00766195	0.00767119	0.00788927	0.00825836	0.00838621
0.08865909	0.09974141	0.06372403	0.05818282	0.0277062	0.04155916	0.05541226	0.04987106
0.00876696	0.00986284	0.00324936	1.5382E-08	1.9391E-08	1.6074E-08	1.4134E-08	3.8479E-08
7.72E-08	9.1831E-08	1.0044E-07	1.4263E-07	1.2677E-07	1.1292E-07	2.6698E-08	1.0559E-08
0.00172208	0.00193734	0.00064987	3.0214E-09	3.7421E-09	3.384E-09	3.2001E-09	6.3576E-09
0.00093932	0.00105673	0.00035448	1.6481E-09	2.0411E-09	2.256E-09	2.4001E-09	4.5373E-09
2.23278633	1.99046134	1.70768133	1.57515362	1.29623356	1.25579486	1.09018297	1.55976051
6.6172E-09	7.8712E-09	8.1992E-09	9.2019E-09	7.8013E-09	6.3616E-09	1.6429E-09	7.4091E-10
0.10950971	0.10669799	0.11290045	0.11413376	0.09591374	0.10431026	0.11031397	0.09149405
5.5143E-08	6.5593E-08	4.5096E-08	6.2113E-08	5.4609E-08	3.4989E-08	9.0362E-09	4.1182E-09
0.10945767	0.13977562	0.2583772	0.16724546	0.30195514	0.41708438	0.42583842	0.57651723
0.06554221	0.06883712	0.03924316	0.02352816	0.05119061	0.07743966	0.07189847	0.03700778
4.40154007	4.09980956	5.88982847	5.86754823	6.78765798	8.32978408	8.60127066	9.36688432
0.00320852	0.00320852						
3.45377294	3.61847773	3.36139749	3.14987752	3.26067862	2.97372803	4.36465302	4.42554487
30.5583262	21.2527112	20.3088704	18.6242801	16.2491892	17.5713445	18.2636386	19.9897315
22.2393421	22.5906072	24.2881695	25.2966364	26.6228131	27.2234351	28.8513938	30.4136573
0.50084552	0.47086761	0.30332199	0.29803125	0.36220798	0.47009288	0.69219547	0.72124726
42.5610737	26.6094263	21.0656182	35.7641112	33.0255185	19.8080286	17.509969	17.0691883
29.1045469	23.0887471	9.04377795	9.52447337	9.98182853	12.0304874	15.0753117	17.2516843

0.76004312	0.72568431	0.75885191	0.91966263	0.77352073	0.73414662	1.89264412	1.84230871
28.7101495	30.5708006	30.1108403	27.5144415	27.3550225	28.2989085	27.7728129	28.6276179
0.0447579	0.04177315	0.03900236	0.03623194	0.03900244	0.03900219	0.03900234	0.03623182
1.45222247	1.85450328	1.94687228	1.70797558	2.17413871	2.09806899	2.07120551	1.92532813
64.2991881	85.4826567	90.5868084	90.5419296	84.5906322	90.0322812	88.8633291	85.2167762
5.65204018	5.7088147	5.72379121	5.77072163	9.43599679	9.60541051	9.95420959	9.48147773
0.20715059	0.19402347	0.17292462	0.16115997	0.13660906	0.13660902	0.13349782	0.20796202
0.00913597	0.00932522	0.00943322	0.00966047	0.00986853	0.01010359	0.01014854	0.01067189
7.9288E-11							
8.3461E-12							
8.8229E-09	1.0495E-08	8.1992E-09	9.2019E-09	7.8013E-09	6.3616E-09	1.6429E-09	5.4691E-10
11.8356437	11.7305413	14.8135966	16.2861372	19.9996067	24.9149119	28.6474442	26.8812928
11.6654131	7.3724711	4.52706968	3.6400764	4.52697304	4.7400079	5.02347645	4.75346712
1.2519E-10							
0.23025172	0.24892047	0.23647447	0.0746763	0.07778751	0.11823687	0.09645664	0.17424424
0.02035188	0.02289587	0.0070895	3.2961E-08	4.0823E-08	3.102E-08	2.9335E-08	4.781E-08
13.6647875	13.1144701	7.29043208	8.48994457	6.64599996	5.22144071	4.48606639	10.5437056
1.7646E-08	2.099E-08	1.2299E-08	1.8404E-08	1.3652E-08	1.1133E-08	3.6966E-09	1.4425E-09
0.13626736	0.16290723	0.1570251	0.18468764	0.12348056	0.12591037	0.13558568	0.14769069
0.00156553	0.00176122	0.00059079	2.7468E-09	3.4019E-09	2.82E-09	2.9335E-09	6.7625E-09
1.69800051	1.74539124	1.76090464	1.7735453	1.77405986	1.76163704	1.7620949	1.76125747
0.63024	0.48334	0.47346	0.39182	0.2678	0.3744	0.30368	0.29614
0.06834077	0.06818329	0.06817218	0.068835	0.06878747	0.0707732	0.0743686	0.07527651
1.3354E-10							
0.2660565	0.25246265	0.23318337	0.27339838	0.3024977	0.32459155	0.29644215	0.31393707
0.05689696	0.05676585	0.0567566	0.05730842	0.05726886	0.05892208	0.06191541	0.06267129
2.8017E-07	2.9726E-07	3.809E-07	3.0373E-07	2.8756E-07	1.1046E-07	2.7106E-07	8.8893E-08
4.173E-12							
29.8745719	37.7758493	40.9321079	50.7952061	38.568303	37.9619024	39.6568965	39.3947464
0.01906005	0.01717488	0.01078182	0.01461604	0.01567644	0.01528937	0.01815044	0.01769439
0.00469659	0.00528366	0.00236317	8.2403E-09	1.0206E-08	8.4599E-09	8.8004E-09	1.4588E-08
0.21684515	0.24175454	0.25492081	0.27456405	0.27588385	0.32539578	0.38803589	0.42556944
0.00633185	0.00642109	0.00599973	0.00694026	0.00702609	0.00768357	0.00756813	0.00796121
0.07654737	0.09217032	0.06842925	0.06722221	0.03788079	0.01593177	0.00032748	3.7427E-05
0.00657522	0.00739713	0.00236317	1.0987E-08	1.3608E-08	1.692E-08	1.6001E-08	2.0081E-08
9.9257E-08	1.1807E-07	9.2242E-08	1.0352E-07	8.5815E-08	6.2025E-08	1.9715E-08	4.8621E-06
0.00469659	0.00528366	0.00206777	7.9656E-09	8.1645E-09	6.4859E-09	7.2003E-09	1.4653E-08
8.13635931	7.36494098	6.1345476	7.48194186	10.1440189	12.1008073	9.95740211	10.5274643
0.01565529	0.01761221	0.00590792	2.7468E-08	3.4019E-08	2.82E-08	2.9335E-08	6.7989E-08
4.173E-10							
0.0320853	0.03530047	0.04492939	0.05455996	0.0545882	0.05780337	0.05459517	0.0545862
78.3869553	64.9605546	45.0424009	37.8363845	37.2603345	40.4159173	42.6943478	41.8603415
0.04219758	0.04807969	0.05085026	0.05396164	0.05119102	0.04530887	0.04185652	0.04496803
11.5929066	11.6182622	11.7418742	11.2122936	7.02752711	7.84470456	8.43506313	10.1180354
3.85399909	5.11115237	4.16511344	4.51759839	5.10894802	4.73296494	5.34434381	7.27395157
0.90126623	1.01295281	1.00591981	0.87148675	0.82902128	0.76033104	1.13900399	1.73748572
19.5040447	10.612917	11.8870608	9.67217989	10.7647067	7.67432713	4.33609694	5.58070639
0.90208531	1.20809896	1.42793505	1.2054822	1.77799059	0.98081568	1.23185437	1.43219039
0.3944932	0.31841058	0.23708439	0.24641898	0.28277719	0.2811263	0.24296633	0.21006026

2.3538279	2.18826283	2.24145629	2.22598445	1.79810111	1.95997661	1.73951057	2.00184147
2.04262881	1.94095408	1.89358261	1.84986875	1.85086552	1.15633826	1.33178995	1.3770567
0.00412643	0.00412643	0.00418862	0.00415863	0.00431725	0.00477466	0.00386363	0.00421173
2.5631E-06	2.0498E-05	1.7936E-05	1.7936E-05	1.7936E-05	1.7936E-05	2.0498E-05	1.7936E-05
20.5834018	22.4307933	19.2081275	18.9868187	19.7407024	19.0733428	18.7484257	18.5266499
0.00019645	0.000198	0.00019686	0.00019861	0.0001995	0.00020495	0.0002065	0.0002003
3.11589054	3.33325421	3.34410807	3.63691993	3.74153542	3.75222453	3.85811719	3.85929474
1.38296769	1.46372691	1.70636918	1.57256495	1.78965536	1.61470432	1.39241772	1.66618087
0.04446573	0.04446664	0.02540774	0.02223294	0.01587978	0.01905715	0.01587882	0.01587886
6.2596E-11							
10.8663022	7.22504045	3.19697098	3.30496688	1.71543945	5.42164973	4.30113275	4.37886058
0.00673177	0.00757325	0.00254041	1.291E-08	1.837E-08	1.692E-08	1.5734E-08	3.3444E-08
5.38940499	6.35985055	5.75407274	5.68470912	6.35350917	6.90070467	6.8902756	6.85692092
161.228964	161.485855	161.520694	162.772936	162.403392	165.628501	173.424718	172.401734
87.2600722	98.9319283	72.0861602	63.1323578	49.2630881	22.6133517	21.4597939	21.3073287
0.15159461	0.367563	2.58576663	3.71231264	1.95649213	1.89846626	3.34535965	3.42677668
0.01385362	0.01385358	0.01108295	0.00831228	0.01108286	0.0083122	0.00831223	0.01108294
0.10549332	0.06538495	0.06227347	0.04462713	0.02386937	0.0356335	0.0304331	0.04462718
3.78731637	3.69395166	4.00020585	3.951364	4.29824469	4.178618	3.96343504	3.88087067
2.059E-07	2.1611E-07	4.7391E-07	4.9664E-07	6.8689E-07	7.3877E-07	7.4859E-07	7.9022E-07
2.9211E-11							
0.00782764	0.0088061	0.00295396	1.4833E-08	1.7009E-08	1.41E-08	1.4667E-08	3.4034E-08
0.09688398	0.08303118	0.06883728	0.05984365	0.06227322	0.06470309	0.07403729	0.07092601
0.01236804	0.01391399	0.00543555	2.7619E-07	3.2663E-07	1.7553E-07	3.0651E-07	3.4762E-07
2.2057E-08	2.6237E-08	2.0498E-08	2.0704E-08	1.9503E-08	1.5904E-08	3.6966E-09	1.7699E-09
0.00031311	0.00035224	0.00011816	5.4935E-10	6.8038E-10	5.6399E-10	5.3336E-10	1.2963E-09
0.0001387	0.00013566	0.00013043	0.0001584	0.0002336	0.00027116	0.00031918	0.00054969
2.45118418	4.32530392	4.2115252	4.14733803	4.21068716	5.06252684	4.9023187	4.82807287
5.07452528	5.88445679	3.01240781	3.04656713	5.54955161	5.64026627	5.04257351	4.34504029
3.11484728	3.10786797	2.67541993	2.69128923	2.26402396	2.26591986	2.37191167	2.58184365
0.00175797	0.00184168	0.00171611	0.00171611	0.00106734	0.00130801	0.00173704	0.00179982
0.00234829	0.00264183	0.00070895	3.0214E-09	6.4636E-09	5.6399E-09	5.6002E-09	1.1692E-08
1.25292087	1.59486641	2.15058414	2.20778659	2.2259393	2.45367488	2.18025049	1.57758543
1.9618E-09	2.3335E-09	1.8231E-09	2.046E-09	1.7346E-09	1.4145E-09	3.6531E-10	1.4208E-10
0.00313106	0.00352244	0.0011225	5.2189E-09	6.4636E-09	2.538E-09	2.9335E-09	1.1136E-08
1.9004E-07	2.8228E-07						
0.24432389	0.21388477	0.30033139	0.21691298	0.27073885	0.33326819	1.59305523	1.81592882
0.0025622	0.00261528	0.00264557	0.0027093	0.00276765	0.00283357	0.00284618	0.00299295
2.51162556	2.50989674	2.51076654	2.53492304	2.53344498	2.60168178	2.72674059	2.75857913
8.3461E-12							
3.6775154	4.15732269	4.72521325	3.84411591	3.61060985	3.61824739	3.79527437	3.68621923
0.27444776	0.30177608	0.33670039	0.27186956	0.32868083	0.27684961	0.38425445	0.44259424
4.30666143	4.31616556	4.16592029	4.68471655	4.74943723	5.05286886	5.33749557	5.73235018
4.38000262	6.35273038	5.66820456	10.4506227	10.7336028	9.97114887	10.4341798	10.0289659
0.03627428	0.03627425	0.03627425	0.04458591	0.05021397	0.04467285	0.05237465	0.04461491
56.5619648	56.6665184	56.7321725	57.2720452	57.2523348	58.6257846	61.1905136	61.8632871
0.30080451	0.26218867	0.22416832	0.24770012	0.20243343	0.1724082	0.16886742	0.15023446
335.993547	283.035689	261.970875	262.079069	254.68514	268.399129	264.591682	268.48929
3.27538156	3.29970028	3.30900218	3.33848479	3.33738561	3.39432939	3.51140109	3.54068399

6.6172E-09	7.8712E-09	6.1494E-09	6.9014E-09	5.851E-09	4.7712E-09	1.2322E-09	4.0409E-10
16.4702743	16.2483947	16.0754097	17.091589	14.5916839	17.8102087	15.0535966	15.9105729
4.4114E-09	5.2475E-09	6.1494E-09	6.9014E-09	5.851E-09	3.1808E-09	8.2147E-10	1.9357E-10
0.051168	0.04898616	0.05665214	0.05985473	0.06003913	0.04809357	0.05355144	0.05840313
3.3384E-11							
2.9211E-11							
0.21158218	0.29870447	0.27381245	0.37026846	0.37338066	0.37026936	0.38582625	0.39680038
17.1738752	22.1504987	24.7301127	37.7550749	49.9586858	53.471175	56.0670534	57.9066247
0.1159245	0.07439203	0.08543152	0.07916852	0.07906373	0.07079341	0.06485584	0.06171912
0.62851107	0.53725656	0.40767742	0.5359195	0.53462754	0.49359806	0.49300472	0.93675123
0.00058173	0.00079887	0.00100284	0.00083434	0.00107815	0.0011943	0.00141507	0.00237036
0.17998809	0.18314034	0.2669211	0.2276139	0.2423309	0.26144552	0.42455304	0.43586716
0.41306152	0.42533068	0.45047476	0.42558287	0.43516933	0.70441091	0.8509051	0.75608942
0.00017741	0.00019635	0.00021763	0.00016917	0.00018918	0.00019964	0.00024883	0.00033927
1.74946244	2.67449895	2.17489353	2.17055287	2.54356189	2.61395318	2.52067579	2.48296426
1.94156367	1.10146386	1.19169693	1.16991632	1.20414271	1.11702125	1.07034907	1.01745401
7.12410103	7.01514874	9.15055535	9.12830821	7.11206878	12.98685	16.2714732	20.0887441
17.5213816	15.9813667	14.6163414	15.1115801	15.3953904	17.0441796	14.883832	14.9269206
3.77539785	3.89955846	3.85024826	3.80264202	3.74799442	3.71747205	3.5784039	3.61485867
0.00103091	0.00133145	0.00140848	0.00150891	0.00108904	0.00126321	0.00142153	0.00230513
45.4819557	45.1635959	41.9504458	40.4398797	35.3307682	36.4720688	38.5569716	38.5716571
14.3893334	12.9527048	10.3910861	9.93283796	10.1740233	10.9140762	11.3178332	10.6523156
11.0059934	11.3120822	11.2464679	11.2277621	11.2168774	11.3809356	11.2670857	11.3810293
0.02232042	0.01958213	0.02035479	0.01242594	0.01595414	0.01676605	0.01836938	0.0214094
35.7315322	33.5660078	29.5486078	28.9500252	25.7860699	28.4364996	28.1245868	27.1390761
0.018669	0.02800317	0.03111478	0.03422639	0.03422639	0.01555739	0.02800317	0.02800317
0.09565895	0.08392341	0.07633046	0.05325402	0.05982802	0.05029815	0.05327119	0.07257316
1.6397111	2.09298727	1.931975	1.97911318	1.5707479	1.41520184	1.29733517	1.43565933
10.0563236	11.2424433	11.9779483	12.400021	12.1430838	12.4770543	15.4496336	12.6675748
2.24892569	2.047319	2.32097474	2.64855386	2.58453253		0.00262549	0.01726764
0.01030915	0.01331447	0.01633834	0.01109496	0.01034588	0.00976113	0.00969223	0.01556193
5.03942461	4.87629044	5.40067158	5.12944332	4.62124482	4.76494686	4.83167689	5.23475357
10.914604	11.3040414	11.091957	10.8519597	10.5803874	10.3293704	9.77149294	9.84461991
0.00058909	0.00076083	0.00084509	0.00062132	0.00076233	0.00086128	0.00096922	0.00192922
0.0013991	0.00180696	0.00185919	0.00155329	0.00201472	0.00206706	0.00226152	0.00339615
0.43293876	0.40246062	0.53730798	1.09459367	1.31397063	0.91373379	0.70988407	0.55790315
55.9762626	56.6159995	44.8148257	43.6686686	39.4800077	38.5320517	40.8270093	43.7481302
0.00928298	0.01176926	0.00848784	0.00819997	0.0106476	0.01423213	0.02501176	0.01062608
0.06096222	0.12501408	0.08972034	0.11212055	0.12816316	0.09928647	0.10570351	0.09292886
0.00106706	0.00113296	0.00343234	0.00247025	0.00236699	0.00235003	0.0036112	0.00410923
0.32162472	0.36152564	0.44732848	0.42975015	0.42556536	0.46165853	0.50127971	0.50769676
0.03188632	0.02797447	0.03307653	0.02485188	0.02991401	0.02347247	0.02571713	0.03595055
95.3617828	96.3359642	87.7378162	76.5746886	73.537893	78.0789822	76.9524923	76.8695087
7.91226246	8.5217696	9.00644647	7.60533216	9.87451391	8.83167299	9.06723006	8.25825422
5.99115616	6.29659678	5.99317366	4.59982683	5.29159867	5.90053869	5.91424526	6.33727636
637.273357	601.020264	581.126846	611.870052	645.225072	710.821473	656.90272	685.928461
0.5434727	0.62472289	0.51855122	0.5601994	0.77847057	0.20378728	0.40045415	0.40107991
0.14623942	0.16490842	0.2053577	0.19913481	0.17735421	0.1866887	0.21158059	0.21158059
0.77214419	0.65969447	0.67401402	0.63916251	0.6207012	0.63868848	0.63344207	0.78872554
0.06534117	0.04978378	0.04978378	0.05289507	0.06222957	0.05600668	0.06845246	0.03733767
0.00127845	0.00097081	0.00437695	0.00274171	0.00240443	0.00214959	0.00287477	0.00186089



9.87299018	9.8343831	9.81465813	9.26015814	9.70468397	9.7545008	10.1113043	10.4277893
0.0095659	0.00839234	0.00763305	0.0053254	0.0059828	0.00502981	0.00551081	0.00345823
0.06696127	0.05874639	0.05343132	0.01597621	0.01794841	0.01844265	0.02020631	0.00714126
0.53497736	0.55961568	0.63406704	0.37747022	0.43160422	0.47176211	0.55575698	0.50621189
10.4283769	10.5434703	11.1130782	10.5751249	13.4305205	13.9649777	11.2068914	10.4739613
0.00042341	0.00057062	0.00070424	0.00059913	0.00078955	0.00088999	0.00103384	0.00175201
0.73678498	0.79269494	0.67492555	0.64445062	0.64165819	0.68528517	0.64622117	0.79519938
75.8845885	68.979629	67.023284	70.1775512	69.7130137	70.045547	71.1747679	71.5180592
236.466388	213.039601	205.32272	185.830669	193.645307	191.353804	194.306918	179.529812
0.31886317	0.27974471	0.20354789	0.14201073	0.11965604	0.08383024	0.09184688	0.09516321
7.3637E-05	9.5103E-05	0.00016902	0.00013314	0.00016336	0.00017226	0.00019384	0.00025381
8.99271771	8.26015068	6.71885513	6.06842534	5.54499033	6.21730075	6.41027893	6.64758088
1.08368365	1.2081208	1.19309638	1.56511537	1.23674927	1.16138968	0.47014937	0.72877695
3.8214399	3.31707634	4.05156449	5.11980444	4.35844335	4.46790924	5.14203643	5.50789083
1.31938849	1.34810616	1.49837402	1.38008654	1.51224619	1.42033755	1.82577241	1.8153979
14.1369216	15.2473631	17.026381	18.1793505	19.0221755	20.7035431	20.901633	19.723819
0.01859248	0.02518149	0.04616135	0.0189697	0.01951875	0.022035	0.02587865	0.04180211
0.03134147	0.03647181	0.0274909	0.02122033	0.0209508	0.01684629	0.02288771	0.02724823
53.2455899	50.4189388	50.3885874	43.8475359	45.2426494	42.1291375	41.4550619	40.218443
5.28147317	5.47513492	5.3600353	5.22559667	5.07405129	4.9242068	4.62766515	4.65692676
0.19346728	0.2242159	0.32788919	0.18657609	0.18913833	0.18934538	0.20728232	0.28159151
14.1303737	14.0350403	14.3515184	14.5894337	13.7294126	14.0933206	12.6608791	12.8316936
0.06650431	0.0577566	0.10273709	0.07379509	0.05482186	0.05563401	0.07057556	0.07010167
2.9455E-05	3.8041E-05	4.5071E-05	3.5504E-05	4.3562E-05	4.5935E-05	6.4615E-05	7.9727E-05
115.835917	110.197428	91.4646075	81.9227989	80.0788944	80.3102514	80.3295295	75.2884795
0.91971283	0.83945173	0.99292077	0.86620475	0.89861443	0.82762147	0.79536143	0.49297417
125.691183	98.1568281	98.8101527	95.8159722	90.2910429	86.1209233	87.8312398	84.6606748
8.06173694	8.35008712	8.01005889	7.58140001	7.15792792	6.80199353	6.40870086	6.27212075
0.37299884	0.37338682	0.48101358	0.26875363	0.15242661	0.32381973	0.1847733	0.2471001
0.17856338	0.15665704	0.13993917	0.09940751	0.11367324	0.09556648	0.09735769	0.13883615
0.00128864	0.00166431	0.00276062	0.00275155	0.00353938	0.00407671	0.00419997	0.00681202
0.03507495	0.03077192	0.02798783	0.01952648	0.02193694	0.02011926	0.02204325	0.02293878
0.01913179	0.01678468	0.01526609	0.0106508	0.0119656	0.01341284	0.01653244	0.01637082
0.02566817	0.02566817	0.0288767	0.00641705	0.00962557	0.00320852	0.00641705	0.00962557
10.3937278	9.9875587	8.72650717	8.60010778	9.05199073	9.33328491	9.1287253	9.10181939
0.00011046	0.00014266	0.00022536	0.00017752	0.00021781	0.00022967	0.00025846	0.00047798
1.12989499	0.79847602	0.58481763	0.47382225	0.45471092	0.44797618	0.44793869	0.51700284
0.00092046	0.00118879	0.00123946	0.00119826	0.00152466	0.00126321	0.00142153	0.00265673
0.76798707	0.83456116	0.82831574	0.53938609	0.33317506	0.51733343	0.53327319	0.47921629
2.68001155	2.23243887	2.31960218	2.96425516	2.98733652	3.38662277	2.91477866	3.23054792
0.54839449	0.53940886	0.46331697	0.42671647	0.51568155	0.60708707	0.51334686	0.4886645
4.92988388	4.77029572	5.2832785	5.01794587	4.52079395	4.66137238	4.72665192	5.12096702
0.23180216	0.20992464	0.07898901	0.19505079	0.24738255	0.25791324	0.27503595	0.18244395
19.526563	19.1185871	18.0364447	17.9026694	17.4246663	17.86148	17.3276872	16.9031414
16.2658944	19.7378682	21.1546715	21.1033303	21.8899502	19.0040181	24.0509435	28.1822868
83.4442056	83.3371662	88.8760452	101.716201	102.671146	112.977746	114.09349	133.08151
5.71728016	5.79291598	5.82584414	5.38322712	5.20317267	5.74004923	5.80489655	5.09373244
18.5904279	18.5558927	19.3825507	22.2051104	25.2950522	27.2031408	28.532568	26.5556015
4.63870618	4.10051026	4.13388347	4.96197465	4.53991298	4.87894832	5.76920129	5.65294969
0.51893746	0.52251163	0.4260358	0.40673379	0.46588533	0.58388985	0.58028979	0.58524667

3.10012704	2.95311911	3.112484	3.27661615	3.12434766	3.26115567	3.40957784	3.57433026
87.8665746	85.2303372	80.3734801	75.2063135	71.3312248	72.0015152	70.7330837	66.2507957
4.44483153	4.30550022	4.23295988	3.03485144	2.93294886	2.76123575	0.95414475	1.09503512
0.37103655	0.58981047	0.77649949	0.95696531	1.12809661	1.02230648	1.20588358	1.34659591
253.733019	241.020189	224.170295	229.315973	220.600546	233.258486	231.374432	222.963913
112.685408	117.160163	109.082528	98.4322351	88.0568542	78.5891062	71.1057165	66.3121043
1.00410129	0.91043879	1.11390852	1.06919646	0.9413011	1.16171928	1.16951027	1.16719022
11.2330862	11.6892145	10.6827647	9.34305799	8.05527047	6.89419559	6.11873004	5.44402505
0.0121453	0.00922267	0.02188473	0.0150794	0.01502771	0.01504715	0.02012341	0.01736835
0.00127845	0.00097081	0.00218847	0.00137085	0.00120222	0.0005374	0.00071869	0.00064182
0.00014727	0.00019021	0.00022536	0.00017752	0.00021781	0.00022967	0.00025846	0.00035282
29.9278355	29.3161862	29.5922687	27.3354551	27.6411671	27.2167954	27.2700918	28.5684874
4.29156748	4.38065724	4.52673762	5.42834281	5.95847733	4.95656062	6.18034466	6.6139713
0.01917679	0.01456211	0.01313084	0.0075397	0.0072133	0.00591138	0.00862432	0.00930447
1.87508097	0.01752748	0.01752748	0.00847544	0.13690524	0.11201335	0.15868553	0.15557391
0.41452212	0.36366812	0.30532183	0.2130161	0.23931208	0.18442654	0.20206314	0.17250278
2.28877828	2.2791207	2.52984797	2.84909773	2.47178798	2.52135094	2.34833342	2.13976721
0.00029455	0.00038041	0.00033803	0.00035504	0.00038116	0.00040193	0.00058153	0.00093059
0.57232416	0.50698308	0.65030526	0.68141709	0.65341377	0.61919046	0.3171828	0.28927356
0.03188632	0.02797447	0.02544349	0.01775134	0.01994267	0.01676605	0.02020631	0.02439964
7.66803209	7.93877368	7.79613879	7.63691517	7.45658336	7.29534555	6.91802899	6.97227049
8.4191418	7.7543703	6.23821788	5.92769175	5.49098851	6.17883731	6.14039394	5.58450179
3.02531719	3.13094769	3.07127326	3.00407296	2.92994778	2.86706753	2.72501963	2.74129821
0.02045525	0.01553292	0.03392132	0.0226191	0.02765099	0.02686991	0.02946643	0.0365976
4.5939799	4.8706644	4.29619301	4.23163715	4.501614	4.4763509	4.95581966	4.53921416
1.80017023	1.8621517	1.76390155	1.63816251	1.51886844	1.42672166	1.35462132	1.29762398
0.00063923	0.0004854	0.00109424	0.00068543	0.00060111	0.00214959	0.00287477	0.00287527
50.6332054	50.9692765	56.6220655	58.2984088	63.0921695	60.6151882	63.8989922	56.1646551
1.46356863	1.41619059	1.56848333	1.4897122	1.34211928	1.38385377	1.40323376	1.5202968
0.09565895	0.08392341	0.10177394	0.05325402	0.05982802	0.05029815	0.06061894	0.05263372
1.8574596	1.94291736	2.03812146	1.94916872	1.87179737	1.92649116	1.97669773	1.91683423
6.7505073	7.41895151	6.94380332	7.29917391	7.53523775	8.26752728	2.92824773	2.50821466
0.54384121	0.60768391	0.61004797	0.50127972	0.34049189	0.22226554	0.15369473	0.09221608
0.13938446	0.12807526	0.11292794	0.08143749	0.08969324	0.11065301	0.11737856	0.0773389
0.00165683	0.00213983	0.00253526	0.00199709	0.00239589	0.00223932	0.00310151	0.00515296
0.08527161	0.08527161	0.08838309	0.08216013	0.09499425	0.13963737	0.10092606	0.14034825
0.16829879	0.22466309	0.19016948	0.16308077	0.13556707	0.11881035	0.11321473	0.10167777
7.09219246	7.86182702	8.91321019	8.61409823	9.20120986	9.04512684	9.51582736	9.02389413
0.31886317	0.27974471	0.25443486	0.17751341	0.19942674	0.16766049	0.20206314	0.24530961
0.23176735	0.23366055	0.25424885	0.14405953	0.18114157	0.21091865	0.52296814	0.51539253
0.01876593	0.01876593	0.01876593	0.01876593	0.01876593	0.02187741	0.02187741	0.01876593
3.04024008	3.18829982	3.80968864	4.67816637	4.62248262	3.86314448	4.3131862	3.48339027
0.17576588	0.24778537	0.25721686	0.24778537	0.30385926	0.31633498	0.27880312	0.34132387
31.9933472	27.2562465	28.7729679	27.2683263	26.4239221	27.5015911	26.2034951	24.9716503
10.5693383	10.0322358	9.24407335	8.35058854	7.96183361	8.61770023	8.77035152	8.86194088
0.17732693	0.21193335	0.16440442	0.19372122	0.36579937	0.38323346	0.09965913	0.24725766
4.41059371	4.77514093	4.54549801	4.59871071	4.3703048	4.61010449	4.6202307	4.54579975
0.04093986	0.03779064	0.0379926	0.05508384	0.05498889	0.53489634	0.77514057	0.38396289
7.55536526	7.31322519	8.27019589	9.43340945	9.29114284	10.187941	11.5911046	12.1991688

0.52681445	0.57986803	0.52182334	0.54097747	0.53106073	0.52519617	0.59948412	0.67561539
5.68633538	5.82931886	5.73714504	5.36993595	4.41096041	4.22654177	4.67623907	4.70613798
7.99350228	7.05094829	6.82871976	6.57310044	7.65476202	6.44701161	6.22044229	5.82043596
0.17169928	0.17169928	0.17428719	0.17303931	0.17963938	0.19867218	0.16076454	0.1752486
0.07670717	0.05824844	0.13130835	0.08225126	0.07213302	0.07523575	0.10061707	0.08932295
64.5532995	64.0209675	57.8598574	53.1435945	54.0411071	56.756737	55.7294101	57.9234057
2.53392737	2.18075491	2.1548173	2.23188415	2.75211125	3.09660279	2.74820596	3.01953105
65.5989019	69.4697774	70.505731	75.4765335	78.6762825	82.2899878	84.7305459	84.2516894
7.57213908	7.72426759	7.46324882	7.68840756	7.41709702	7.29768367	7.44382849	6.89221554
0.10162543	0.07621888	0.08892254	0.12703198	0.11115259	0.10162543	0.07621888	0.09210089
0.0095884	0.00728106	0.02516743	0.02056282	0.02404434	0.03224389	0.03737205	0.04107324
2.54398914	1.94421843	3.16430928	3.14658729	3.38171922	4.01425794	3.71247921	4.18395483
0.13711116	0.12029022	0.10940699	0.0834313	0.10769044	0.10059629	0.10837932	0.12066759
80.2333535	93.7220383	84.3723017	84.2029364	84.0860971	84.8444107	69.7100074	72.0092606
242.912695	251.044281	244.850132	237.614324	230.299455	225.099381	215.752548	215.131596
0.03479875	0.09956861	0.10251247	0.10575243	0.10899317	0.11248746	0.10924672	0.11248746
23.2385062	39.4877981	42.8578876	44.7862435	41.5246941	14.4722524	12.9327785	12.9632241
9.59029851	9.27984533	10.2777711	9.761609	8.79447966	9.06795245	9.19494332	9.96202011
0.5694249	1.02049542	0.93648546	0.70001298	0.73122186	0.60365118	0.61298562	0.7094415
0.43944816	0.53016633	0.5176302	0.5022669	0.36908976	0.42888723	0.4258728	0.39991341
0.87626766	0.81938227	0.8748202	0.75406161	0.78238417	0.84137101	0.89081537	0.79016344
0.00051189	0.00070952	0.00042474	0.00023168	0.00053663	0.00036294	0.00044045	0.00053095
0.00447458	0.00339783	0.01094236	0.00616884	0.00601108	0.00537398	0.00646824	0.0050937
0.15943159	0.13987235	0.12721743	0.09585724	0.09971337	0.08383024	0.10103157	0.12279628
0.58160624	0.48517987	0.43135184	0.3777393	0.36561956	0.38422089	0.34905394	0.37102869
0.25190191	0.22099832	0.23408007	0.16153721	0.1774898	0.15424765	0.16716132	0.20535587
0.00036818	0.00047552	0.00056339	0.00039942	0.00054452	0.00057418	0.00058153	0.0011418
0.00637726	0.00559489	0.0050887	0.00355027	0.00398853	0.00335321	0.00367388	0.00467717
0.00515457	0.00665724	0.00676069	0.00488178	0.00435616	0.00384703	0.00555688	0.00880802
22.7934642	17.840753	16.9623986	15.8888283	15.8722445	17.1798377	17.0887776	16.0266191
2.92536507	2.83066636	3.13506743	2.97762056	2.68261343	2.76603187	2.80476838	3.03875272
21.2982635	19.3379924	16.1117154	14.2202667	12.9143548	12.5752674	12.9370395	12.2663779
0.19731663	0.22773809	0.19206445	0.19468898	0.11070144	0.15794427	0.21306113	0.19993522
0.04782948	0.04196171	0.03053218	0.01952648	0.03789108	0.0335321	0.03857569	0.04218712
6.38148938	4.46662928	4.56500714	5.05590361	5.53552792	5.81662019	5.94163574	5.73546787
3.2746E-05	4.2292E-05	5.0108E-05	3.9471E-05	4.8429E-05	5.1068E-05	5.7468E-05	9.1661E-05
0.06377263	0.05594894	0.04834262	0.03372755	0.03789108	0.01508944	0.02020631	0.04018002
7.00887025	6.86564227	6.55017084	6.2782841	6.16431932	6.75021007	7.28456182	7.43033387
0.42276316	0.43335906	0.43246341	0.43424174	0.43690996	0.44847344	0.45016294	0.45469927
0.00127845	0.00097081	0.00328271	0.00205628	0.00180333	0.00161219	0.00215608	0.00115586
0.29259909	0.31219101	0.31258785	0.60767031	0.58398096	0.54030978	0.46449558	0.60712335
2.06727878	2.0580044	2.05793642	1.77196988	2.25222307	2.35441787	2.47926777	2.50267653
18.8726414	20.7750865	19.9544619	21.0548756	22.1241895	24.4539788	23.3099382	22.2327223
23.9121744	26.7244775	24.4464179	20.596954	22.471477	22.6176146	22.3623573	24.8881063
0.2981754	0.27013434	0.28249115	0.27324582	0.27855546	0.29197361	0.35075513	0.32080301
0.2593473	0.16911438	0.13781088	0.13162566	0.1534815	0.11910426	0.116106	0.11603052
175.856202	181.746843	175.336676	167.458931	159.825988	154.28213	147.732019	145.276021
1.33963237	1.23595369	1.05282929	0.84859725	0.78205316	0.68196381	0.54641639	0.60313024

898.226755	857.980122	837.271001	710.487106	645.353216	708.955986	703.082695	675.8952
0.66342619	0.68802067	0.6754722	0.66113855	0.64415858	0.62621838	0.58728941	0.59331409
0.00011046	0.00014266	0.00016902	0.00013314	0.00016336	0.00017226	0.00019384	0.00026069
17.16849	18.7354202	16.8649063	17.78461	16.5991719	18.2753371	19.2684219	18.7559949
7.3637E-05	9.5103E-05	0.00016902	0.00013314	0.00016336	0.00011484	0.00012923	0.00012488
0.0144574	5.2898595	5.19014846	5.73366636	6.57506402	7.25711583	7.20128895	7.89380455
0.00511381	0.00388323	0.00765965	0.00479799	0.00420776	0.00376179	0.00574955	0.00462463
0.00447458	0.00339783	0.00765965	0.00548342	0.00480887	0.00537398	0.00574955	0.00434209
66.3967241	70.4015589	72.8500718	64.1744105	55.0210309	55.0409753	56.9137191	55.633455
2.0793054	1.80074937	1.54749006	1.55981535	1.45366787	1.42645499	1.45611709	1.57983078
3.09741116	3.43295481	3.85913512	3.79558218	3.68495185	3.18493329	3.32057808	3.19279205
0.05090531	0.05405014	0.05459831	0.05364956	0.05259164	0.06246627	0.06563341	0.07102129
0.30300006	0.31225203	0.36479264	0.36285685	0.5089654	0.46129941	0.64494104	0.67720979
0.38698809	0.39982218	0.39982218	0.42199108	0.4595229	0.11735687	0.16091776	0.20447834
0.00066164	0.00045585	0.00045196	0.00044526	0.00041685	0.00040983	0.00040323	0.00044446
0.83995538	0.81962771	0.79040477	0.90009441	0.93010272	0.97559172	0.99726377	1.00978364
0.66585689	0.67519139	0.67519139	0.69697167	0.70319425	0.65652239	0.60985021	0.51339393
3.73146369	4.71467823	5.39645388	6.66565344	7.58229057	8.22470685	8.97151362	9.58141434
20.8289937	18.6994879	17.2337824	15.7056128	17.1968501	15.7688394	14.2160806	17.72154
4.90404382	5.11488784	5.37426772	5.4753271	5.5449616	5.48049199	5.48371605	5.39340505
0.09021194	0.09008357	0.07668302	0.0970258	0.05312287	0.06607009	0.06593311	0.06906697
78.7866484	89.1333931	92.931646	98.7124063	93.8848765	96.5508015	104.319854	104.233019
10.4226215	9.35851313	10.4547896	9.36326108	9.35108169	10.3100326	10.5174306	10.1367546
13.8819045	14.4550719	15.2475866	15.7717569	16.2435497	16.4498078	16.84026	17.0455956
0.00622573	0.00959707	0.01321246	0.0121271	0.01609697	0.02207416	0.0217118	0.02448306
34.6510718	34.8315524	33.1189827	30.9980057	26.7479581	25.6328227	21.944885	19.5594227
0.01273718	0.01594569	0.01263994	0.02236274	0.05755924	0.03782289	0.02858563	0.02858563
0.02668169	0.04113031	0.04954673	0.05197329	0.06036364	0.06622247	0.06296423	0.08299219
1.38929427	1.54899361	1.46388847	1.78850464	1.80399492	1.94522075	2.84244335	3.29494792
36.6959215	36.7698445	35.4265657	37.0492822	35.6545988	34.613187	37.2700009	40.3705039
1.76376709	2.01248097	2.17561417	2.32057098	2.78129225	5.29322	5.80463319	6.11035021
0.90211943	0.90083566	0.88952298	0.71342503	0.50466724	0.51054163	0.44954392	0.46627021
5.27338572	5.46190364	7.08009016	7.24303939	8.20276701	9.22102768	9.89781846	10.172411
45.711143	47.619723	49.7357901	50.7567861	51.495613	51.0465193	51.1868305	50.6799013
0.05154968	0.05147632	0.04600981	0.0399518	0.03718601	0.04504779	0.04495439	0.05780361
0.12243049	0.12225627	0.10122158	0.0998795	0.0982773	0.1081147	0.10489358	0.10175622
0.42006881	0.40294426	0.47460828	0.3932466	0.44173836	0.47007953	0.45687232	0.51719004
8.64434009	8.9313697	10.5740811	9.73682633	8.6824999	10.013055	10.0779911	16.8926881
0.21586429	0.21555711	0.21471244	0.20261271	0.19921075	0.2162294	0.23975676	0.2593821
0.23187779	0.31831672	0.43863421	0.5258809	0.6329197	0.6955778	0.71037145	0.72125442
0.00086571	0.00089215	0.00911982	0.00930402	0.00925392	0.00838726	0.00992217	0.0104379
0.64263833	0.62892523	0.63332644	0.68869458	0.63263596	0.5663238	0.60576887	0.75955555
0.0088939	0.0137101	0.02147025	0.0242542	0.03018182	0.03090382	0.03039653	0.04111182
68.9091172	74.7515963	72.9106141	79.2860137	85.3212391	91.9213007	87.8074976	80.30752
1.31171142	0.68079284	0.60355997	0.63703303	0.63937795	0.6282038	0.69124187	0.74287027
3.7007079	3.85037736	3.77089696	2.89070318	2.90806064	3.48296233	3.02091339	2.91983089
294.747956	310.084938	309.504263	319.33827	334.544016	364.6878	393.031439	424.444296
0.85856848	0.39709887	0.15070976	0.22869055	0.99518236	1.2702423	0.69346006	0.7371117
0.06417074	0.07379631	0.08342187	0.08663039	0.07379631	0.05775338	0.0449193	0.04171078
0.13378778	0.14341335	0.14020483	0.13378778	0.13378778	0.1369963	0.1369963	0.14020483

0.07715632	0.07700482	0.07715632	0.02897769	0.00336002	0.00330952	0.00330952	0.00320852
0.00865714	0.00892149	0.01823963	0.01860804	0.01850783	0.01677452	0.01984434	0.01494116
4.6612373	4.89078976	5.11523719	5.58417162	5.9838659	6.32761448	6.5679668	6.93851149
0.00266817	0.00411303	0.00495467	0.00519733	0.00603636	0.00662225	0.00651354	0.00395472
0.01867718	0.02879122	0.03468271	0.01559199	0.01810909	0.02428157	0.02388298	0.0081665
0.35615267	0.07651931	0.05454487	0.05775339	0.06096191	0.04171078	0.03840535	0.03529374
7.64854855	8.03571217	8.46157776	8.77215605	8.732708	8.7769384	9.17183414	10.2004161
0.03705133	0.03860724	0.03834151	0.03852495	0.03851408	0.04654938	0.04795135	0.052494
0.91022409	0.95975996	1.03715999	1.07431198	1.05573599	1.08360015	1.14861597	1.19815185
49.0705296	56.6396805	57.9149631	60.9672538	60.7716634	61.1352138	59.5327856	58.2037525
410.055395	408.770032	407.774581	399.067727	399.915618	406.219879	395.088442	396.791718
0.08893896	0.13710103	0.13212462	0.13859544	0.12072728	0.11037079	0.10855902	0.10882541
0.00644371	0.00643454	0.00920196	0.0085611	0.00796843	0.00900956	0.00899088	0.00760484
21.4397185	26.2612124	19.9979199	26.5859496	24.665019	25.1848851	30.7964093	31.061431
2.8427958	3.0316195	2.87984241	2.37277414	3.40286776	3.5864338	3.31707078	3.79867714
3.66304802	5.1249595	5.31296278	6.91894933	7.85705533	8.11446538	8.59571849	10.2493476
2.18562787	2.25840545	2.71284863	2.83335543	1.91688849	1.23276293	1.33770664	0.80857773
6.83461448	7.98109134	9.45979622	10.7291648	12.8311906	14.4155223	16.3218959	18.2999973
0.13213802	0.14527136	0.15771714	0.16305866	0.16044043	0.16931656	0.17479003	0.09526658
0.01068657	0.01484971	0.01795278	0.01955393	0.02142953	0.02293898	0.02441658	0.02646811
46.1606091	62.3072503	70.99028	69.7249044	71.042061	62.7754029	57.3016415	60.0024415
26.0990752	27.2464473	28.4463608	28.5982607	28.523259	27.5561525	26.9508653	25.7717884
0.05775326	0.04744015	0.04744015	0.04812771	0.05706573	0.05431558	0.05156544	0.05981618
17.294265	19.5924014	11.3146237	10.4999293	10.2493306	11.7868578	16.6821684	15.8218228
0.30732863	0.31671277	0.33287328	0.33494479	0.27299053	0.22645607	0.27285967	0.32870563
0.00257748	0.00257382	0.00245386	0.00228296	0.00212491	0.00240255	0.00299696	0.00238879
117.018055	111.829778	87.2700892	91.7582387	76.1536623	63.6874602	53.4345267	41.8430458
0.102673	0.12192413	0.12192413	0.12192413	0.23704876	0.12513265	0.24025728	0.24346581
249.584045	234.421202	223.94333	212.050345	208.128484	196.331626	208.973656	216.855986
14.081522	14.6716724	15.29054	15.552186	15.7186988	15.4954475	15.452971	15.2058006
0.0449193	0.03208522	0.02566817	0.0288767	0.01604261	0.03208522	0.02566817	0.02566817
0.04346542	0.05293524	0.04340476	0.04965752	0.05281423	0.05275357	0.05275357	0.05275357
0.04980582	0.07677658	0.09083568	0.09701681	0.11469092	0.1258227	0.11507256	0.1587683
0.11276493	0.11260446	0.15029871	0.17692941	0.17264932	0.21322621	0.19480236	0.20410345
0.00978329	0.01508111	0.01816714	0.01905687	0.02213334	0.02648899	0.02605417	0.026232
0.00533634	0.00822606	0.00990935	0.01039466	0.01207273	0.01765933	0.01954062	0.01872111
0.01604261	0.01604261	0.02245965	0.02566817	0.01283408	0.01604261	0.02245965	0.01604261
17.2939856	17.9935124	19.11544	19.468161	21.8731505	22.4350887	25.6108623	25.6095987
0.00966557	0.00965181	0.01226928	0.0114148	0.01062457	0.01201274	0.01198784	0.01432129
1.24235043	1.53891777	1.23059834	1.01718023	0.65866736	0.88134033	0.92956567	0.06378273
0.08054638	0.08043176	0.06748105	0.0770499	0.07437201	0.06607009	0.06593311	0.07960159
0.49160161	0.51704201	0.49165843	0.45363991	0.45689452	0.42213154	0.42849438	0.43797585
8.09927937	9.02650065	9.7359181	11.0259619	14.5222691	16.3788934	18.0683767	20.3865231
0.09859096	0.15595637	0.18998861	0.22839363	0.19377926	0.16490257	0.05697711	0.03208522
4.09741681	3.7286127	3.84122479	4.10356388	6.97340631	6.34940908	6.38111421	6.86119888
0.06047669	0.06669958	0.09859065	0.12649691	0.15187402	0.16140299	0.15819446	0.17326632
32.2950988	32.5124891	32.7363361	33.4480237	31.8935673	32.4236057	29.9184339	30.1341901
6.44939233	6.84882036	7.86233935	8.61541461	8.86843165	10.6714175	11.5621695	14.1615992
59.9601926	72.9311954	82.8057699	92.3892511	103.968641	113.973932	131.558144	150.452074
8.31703104	8.11743411	7.53460807	7.62738293	7.42591932	7.72319157	8.31561444	8.98227492

13.6315966	13.627586	14.9502354	16.7723457	20.2905927	23.3586857	26.2324312	26.1935045
7.7924566	6.82340202	4.84816528	3.81981744	7.04410168	7.96820395	9.52755744	12.8216101
0.03787991	0.03156649	0.03769825	0.01560159	0.00940948	0.00625277	0.00625277	0.00625277
9.28376142	9.25772822	9.67163256	10.5143189	11.3496031	12.3424293	12.5871823	13.3415338
91.7724947	97.9395099	96.5117281	97.1370496	95.4202199	92.8829947	93.7532691	95.7529451
1.17564261	1.28960235	1.25936725	1.37039784	1.43749773	1.33413984	2.54664631	2.16607525
0.66505656	1.03716694	1.52283707	1.43291294	1.68581664	2.38901058	2.38093789	2.80468737
330.69916	303.556499	298.588034	271.177694	279.906089	311.927706	295.123007	296.200741
95.9033091	98.2173291	91.4113007	93.3939816	94.7115809	94.3062897	93.7770698	98.755652
0.29062905	0.47128901	0.34362135	0.29996356	0.13806951	0.1722959	0.11385698	0.36024641
2.5603008	2.62820787	2.56333279	2.7015345	2.83549611	2.95707421	3.08437521	3.32800246
0.08224287	0.08475412	0.09119816	0.10234424	0.11567395	0.11742167	0.13891038	0.13945087
0.00865714	0.00892149	0.00911982	0.00930402	0.00925392	0.00419363	0.00496108	0.00515321
0.01288742	0.01286908	0.01226928	0.0114148	0.01062457	0.01201274	0.01198784	0.01057136
24.2890728	25.527929	27.4272922	28.2312611	30.4699573	39.0799058	38.3612323	38.0833335
8.29955725	8.66618136	8.86777044	10.6380471	11.3526018	12.6290409	14.0991493	15.3564031
0.12985717	0.1338223	0.0547189	0.05117212	0.0555235	0.04612994	0.05953302	0.07470582
1.61485811	2.91545678	2.6789843	2.60119734	2.36783614	2.2527115	2.87189589	3.23593912
0.11562065	0.17823134	0.19818693	0.20789317	0.24145457	0.24281573	0.23882985	0.19726831
4.81291851	5.50725792	6.92925423	7.85432848	8.09975301	8.06237107	6.81878493	6.75646983
0.02577484	0.02573816	0.01840392	0.0228296	0.018593	0.0210223	0.02697264	0.02788265
0.12980283	0.28751193	0.32076183	0.51366183	0.97433145	0.21127773	0.03753186	0.00622296
0.0088939	0.0137101	0.01651558	0.01732443	0.02012121	0.02207416	0.02388298	0.02790259
8.669824	9.02680386	9.49192756	9.79328342	10.0578299	10.1458486	10.3468559	10.4380379
1.96074239	1.91575161	1.50105155	1.09898793	0.96051177	1.21146693	1.25282697	1.35746757
7.35093537	7.62994457	7.84487196	8.07366219	8.26638785	8.30968594	8.42855078	8.55210694
0.13851431	0.14274379	0.14135715	0.15351636	0.21284007	0.20968155	0.20340448	0.29384291
3.29038227	3.70617189	4.55395205	4.92391317	5.4134796	5.76996185	5.77908332	6.4598407
10.1119311	10.4478818	10.4616073	10.8124237	11.1179135	11.2570874	11.4636563	11.8682735
0.30797961	0.32081225	0.32402078	0.26306612	0.2438179	0.24702569	0.23419305	0.21815262
0.00432857	0.00446074	0.00455991	0.00465201	0.00462696	0.01677452	0.01984434	0.02308559
33.6375245	38.1632751	36.7857836	41.4376945	44.013316	46.4035243	48.0424065	53.8869535
2.78679613	2.88585513	3.73959366	3.82623309	4.33256871	4.869131	5.22628397	5.37127039
0.02668169	0.04113031	0.06606231	0.05197329	0.06036364	0.06622247	0.07164895	0.06019013
0.60372	0.640872	0.774	0.90997632	0.60679536	0.93531192	0.96087456	1.34833038
0.5967561	0.69076746	0.77925141	0.89916996	0.92413236	1.14041115	1.43999667	1.57667757
0.51942867	0.5352892	0.54718896	0.65128153	0.64777414	0.62904464	5.67573183	5.96900732
0.40138092	0.47468173	0.46472353	0.44045545	0.45464167	0.44045545	0.46409977	0.45588918
0.03769573	0.05809449	0.06654727	0.06992365	0.08098098	0.13298855	0.13076478	0.08374337
0.14498348	0.14477716	0.13802943	0.12841651	0.11687031	0.11712426	0.14385405	0.15439411
0.1868829	0.1713255	0.18999438	0.15887958	0.21177474	0.20598006	0.20442789	0.2276469
0.03122168	0.04794029	0.06220093	0.05693696	0.05267615	0.05510832	0.06300928	0.06933298
7.07890274	7.64309576	7.72740149	8.75657734	9.24940855	8.80362107	9.3841576	9.56428868
0.08893896	0.13710103	0.16515578	0.1732443	0.20121214	0.22074157	0.23882985	0.28052773
0.43285723	0.44607433	0.4559908	0.32564077	0.27761749	0.29355417	0.31254835	0.33888056
0.10267296	0.15437544	0.14154132	0.13791484	0.12427599	0.12427599	0.13269968	0.13390158
2.22235068	3.22110114	4.6665294	5.7976965	6.10490568	5.64878532	5.69857878	6.1226103
0.43900983	0.42666096	0.4671102	0.50454501	0.48568203	0.36433431	0.40196322	0.55744017
38.3547636	39.1990839	39.9454886	37.5835632	36.7238691	38.7814131	38.4262894	40.9015475
0.15136484	0.14055135	0.13146531	0.23525115	0.35358443	0.38865243	0.4447792	0.53267153
0.0320853	0.01022876	0.00681942	0.00681942	0.00681942	0.00681942	0.02386687	0.00681942

1.90625697	1.42359403	1.72153065	3.2673376	3.66093469	3.60057083	4.23184447	2.97749842
0.68080146	0.9227715	1.196073	1.40252574	1.75740459	1.86069309	1.96847037	3.03367854
3.23459889	4.13361202	4.78221226	5.2902777	6.15608259	6.34654444	7.40115069	7.78090737
0.94646634	0.842817	0.59078712	0.97991622	1.40208348	0.78806613	0.53701263	0.50803881
2.32327686	2.82940866	2.54246442	2.6448045	2.32641573	2.70798027	2.32390182	2.41791486
10.0302628	9.11754651	8.56373317	8.84470408	9.99006944	8.74508088	9.04641204	6.58097027
0.4278022	0.4278022	0.43425016	0.43114097	0.44758556	0.49500727	0.40055743	0.4366456
0.51942867	0.5352892	0.54718896	0.55824131	0.55523498	0.58710834	0.69455189	0.71717592
226.521128	231.332299	213.460628	217.063434	227.067416	238.920127	245.556988	242.46808
34.6818771	28.0609715	23.3597647	16.636621	16.4167662	13.6707164	11.6521336	15.4571589
13.8275176	14.3562555	14.8598182	15.3581709	15.8572216	16.3455712	16.9675583	16.7256362
4.1419167	5.35157344	6.38947057	6.27014481	7.11756383	6.55322548	5.8516655	8.9692379
0.20327997	0.08258574	0.06670352	0.04129248	0.03811676	0.04129417	0.03811865	0.04764845
0.06492858	0.06691115	0.10487788	0.13956033	0.18507833	0.25161786	0.25797642	0.32977791
2.28886049	3.01482677	3.18579242	3.46352412	3.4714336	4.00623163	4.38483607	4.60086478
0.03824375	0.05895344	0.07101698	0.08142482	0.10865455	0.13244494	0.12809965	0.13799135
50.0641868	36.2526454	52.6760783	52.2180483	55.8836453	56.4689423	61.9204138	67.8469928
814.703489	840.044023	836.616964	872.464745	905.797829	929.846323	958.309695	1009.21109

15.5606604	24.7265585	28.8201069	34.1127007	37.8772794	41.8632075	45.117237	48.3277934
22.8314131	23.268687	29.3324507	30.5871314	35.3831831	38.0554554	39.1732071	40.2909086
0.35976114	0.23773409	0.24395705	0.26272298	0.27526594	0.29403187	0.48489966	0.45991078
0.60985008	0.61675239	0.63474192	0.5911812	0.65652228	0.67839969	0.7805874	0.75491916
4.83222549	5.06989987	5.39780717	5.82958624	6.4297451	6.800368	7.07605949	7.57506915
0.00085843	0.00054675	0.0003066	0.00029314	0.00055012	0.00051624	0.00052425	0.00057915
0.03030001	0.0312252	0.04559908	0.0418681	0.04626958	0.04193631	0.04464976	0.04089745
0.04446948	0.06855052	0.08257789	0.09355192	0.10060607	0.11037079	0.11941492	0.14042565
0.00943141	0.02508604	0.06602022	0.0845923	0.06572915	0.0659233	0.11648337	0.07593717
0.07026178	0.10830982	0.15194331	0.15765232	0.1790788	0.20308225	0.19757742	0.23483798
0.03221855	0.0321727	0.03067321	0.0256833	0.02656143	0.03003186	0.02697264	0.03421096
0.00177878	0.00274202	0.00330312	0.00346489	0.00402424	0.00441483	0.00434236	0.00534865
0.45105972	0.45041783	0.36807848	0.31390701	0.21249147	0.20121347	0.25773851	0.26390801
12.221308	15.5217948	15.6305244	14.983913	15.643605	14.8434371	15.2643152	14.9512611
0.33593915	0.34794862	0.45103461	0.46141524	0.63052538	0.73610603	0.77101856	0.80297723
10.3744753	9.22470557	6.58023138	6.73909767	6.69235624	8.84649047	12.3613886	12.1324093

0.01334084	0.02056516	0.01981869	0.01905687	0.03823031	0.04414831	0.04559479	0.04824376
0.96073197	1.63269075	2.19293613	3.05292741	3.96650127	4.71205785	3.71164869	3.78123369
0.00286551	0.00286143	0.00272807	0.00253807	0.00236237	0.00267103	0.00266549	0.00274635
0.01778779	0.02742021	0.0313796	0.03291642	0.03823031	0.01986674	0.02388298	0.04594851
0.07700472	0.01604265	0.01925118	0.02245971	0.03850236	0.11550708	0.03850236	0.03529383
8.88372197	11.5258187	10.2997659	9.3000572	10.5581223	11.3291019	13.0293614	12.7800882
0.71298374	0.73764848	0.79010724	0.86504691	0.94467297	1.03366647	1.13062253	1.23413468
4.68080351	4.84272976	5.18712629	5.67911212	6.2018645	6.78611496	7.42264036	8.10220709

0.00865714	0.00892149	0.01367972	0.01395603	0.01388087	0.01258089	0.01488325	0.00928046
1.41205542	1.44594345	1.53275286	2.27162049	2.2063383	2.33197686	2.46913785	2.35205802
2.16765057	2.56764414	2.60232339	2.64943056	3.06388272	3.1050219	2.96625012	3.15379011
13.365502	12.9055042	14.358567	14.9889886	17.1697201	19.4030052	24.8242883	30.6812368
21.3963287	23.231903	19.4431844	19.9911602	19.9162554	20.2700078	18.6322198	25.8885869
0.22138857	0.21497151	0.21818004	0.23101416	0.23101416	0.23422269	0.23743122	0.24063975

	0.00320853	0.00320853		0.00320853	0.00320853	0.00320853	0.00320853
246.950956	254.567688	251.265266	260.081431	267.812796	271.88068	277.136061	289.594779
1.42510291	0.94291972	0.84534965	0.89230281	0.17392851	0.12949518	0.15448882	0.09143276
1521.45171	1560.94736	1583.424	1505.74868	1545.49378	1607.07763	1649.32536	1630.89765
27.8304376	28.7639321	29.3514501	30.8643511	32.3383926	33.5855628	35.051804	36.9895507
0.00966557	0.00965181	0.00920196	0.0085611	0.00796843	0.00900956	0.00899088	0.0078108
14.784731	19.6799221	20.2169867	20.0283088	22.3899396	21.3176434	19.1237751	19.7135813
0.00644371	0.00643454	0.00920196	0.0085611	0.00796843	0.00600637	0.00599392	0.00374159
2.99155505	3.71456392	3.90665724	4.12456168	4.77001806	5.16251774	5.29764853	5.85814914
0.03462858	0.03568595	0.03191936	0.03256408	0.03238871	0.02935542	0.03968868	0.03713129
0.03030001	0.0312252	0.03191936	0.03721609	0.03701567	0.04193631	0.03968868	0.03486272
0.33087855	0.3941757	0.4575699	0.58659633	0.6631158	0.73992642	0.76870614	0.80069439
89.5481677	96.9418225	105.877057	112.17682	113.988313	122.50976	124.606129	124.579146
0.1743357	0.17072152	0.14734965	0.14802288	0.14184282	0.13716864	0.13950183	0.15118266
0.86829934	1.01386699	0.52608763	0.47501025	0.46990374	1.46078577	2.35207007	3.36849031
0.00064743	0.00066326	0.00067016	0.00070579	0.00077534	0.00075991	0.00085503	0.00080898
0.21987159	0.21938045	0.21651568	0.22246805	0.23931011	0.22667324	0.24093755	0.20864996
0.20488811	0.13603254	0.13154913	0.10051913	0.07746673	0.0782346	0.11355289	0.1794364
1.0081E-05	1.0064E-05	9.9862E-06	9.8929E-06	9.8193E-06	9.8388E-06	1.0004E-05	1.0324E-05
0.74153319	0.72660136	0.69620402	0.65154091	0.59536222	0.64795637	0.55741258	0.61077298
0.00149294	0.00150408	0.0015158	0.00152799	0.00154075	0.00155416	0.00156811	0.00158273
0.89645217	0.90029622	1.14595581	1.07320993	1.07791344	2.61363502	2.72298065	1.99280884
4.89550812	4.97561293	4.64485041	4.10686639	4.14504245	3.88369777	3.66288509	4.07907213
0.59976672	0.60367208	0.60477294	0.98830472	0.92371142	0.935962	0.95050745	0.94296649
0.00081808	0.00083009	0.0007988	0.0009049	0.00083662	0.00082246	0.0009027	0.00084401
9.06580801	9.08533593	9.6953302	9.40975079	8.82664776	8.92544792	9.98224578	10.1360388
5.96191112	5.7719564	5.68525881	5.41892293	5.62035545	5.79456177	5.54566422	5.38762102
0.82954072	0.84197781	0.86284263	0.85143033	1.01030198	0.98387092	0.98843022	0.98678779
0.01000035	0.01025922	0.01084902	0.01092834	0.01106164	0.0113972	0.01168334	0.01207322
13.2040112	9.47972483	8.87924053	7.65162773	6.87098931	7.43742287	6.17515685	6.59668372
0.1268838	0.14019356	0.14479345	0.15245904	0.14474801	0.14433527	0.14341341	0.14297067
0.01687388	0.01705371	0.01732839	0.01825825	0.0184448	0.01869804	0.01921663	0.0202889
0.72830766	0.6749414	0.70252447	0.76586009	0.73756032	1.10368378	1.08557023	1.20702893
8.1109989	8.18293267	8.19410447	8.28944661	8.60831776	8.8181825	8.1510907	8.16506414
0.26015395	0.26079934	0.26733297	0.33306922	0.33677613	0.34638609	0.51514634	1.15124413
0.23943665	0.22705064	0.01967226	0.03580309	0.01818672	0.00577242	0.00616601	0.00581177
0.68427406	0.64515675	0.60408354	0.58920138	0.63235395	0.67802123	0.6555915	0.65706787
3.76230777	3.7953774	3.83373625	4.08788748	4.32334338	4.35553541	4.47663099	4.91652016
0.00137659	0.00139101	0.00138932	0.00140992	0.00146266	0.00146549	0.00153711	0.00155122
0.00105913	0.00107664	0.00103087	0.0010899	0.00121127	0.00114682	0.00126988	0.00115896
0.13881406	0.16483133	0.19092317	0.16379841	0.15318245	0.11460994	0.12213441	0.16569339
24.8208989	26.3250075	24.4629181	23.406395	21.885902	21.9609584	22.9707236	25.5007531
0.00323722	0.00326715	0.00327495	0.0033695	0.00361278	0.03271836	0.07118841	0.09363276
0.03313785	0.03202856	0.03287385	0.0330575	0.03397615	0.0349461	0.0356427	0.03796601
0.04767149	0.04786059	0.04816693	0.04836866	0.04977685	0.05125084	0.05235596	0.05488066
0.0056066	0.00558725	0.00581286	0.0059702	0.00606031	0.00625772	0.00635339	0.00646768
0.005656	0.00576417	0.0060051	0.00648042	0.00656709	0.00663123	0.00678348	0.0070328
22.1378068	21.5704601	22.9132478	22.2497853	22.0889809	24.9321477	24.9767317	23.3763335
3.75412491	3.91432581	3.86672045	3.64441935	3.61896836	3.60145774	3.5680338	3.62390167
1.40237387	1.47379783	1.47867633	1.10132562	1.21537288	1.32810859	1.3930305	1.38537085
128.717161	128.547414	126.206304	137.532095	147.039398	159.317082	174.534256	189.557711



0.49775051	0.55580176	0.62537819	0.47075927	0.30871269	0.2698615	0.26126494	0.37749262
0.32928073	0.32799401	0.36455465	0.37523096	0.39533116	0.56703974	0.52828192	0.47461662
0.35524064	0.35356452	0.37969062	0.38889266	0.37825173	0.39176918	0.35651869	0.37323486
0.03377804	0.02400387	0.03225029	0.02567367	0.02067377	0.0283522	0.03586751	0.00867775
0.0001158	0.0001214	0.0001879	0.00022494	0.00018336	0.00016921	0.0001069	8.2105E-05
3.43643861	3.48672802	3.56840193	3.60156157	3.64141077	3.94313083	3.86646036	4.06532364
0.00082717	0.00084439	0.00086357	0.00092586	0.00092251	0.00092523	0.00094028	0.00091823
0.00159299	0.00155473	0.00154065	0.00116987	0.00110724	0.00114334	0.00112849	0.00086458
0.26431676	0.27374462	0.22861671	0.21466426	0.19474021	0.17752092	0.17724068	0.15656015
1.86412924	1.8811931	2.15308048	1.91164565	1.92674717	2.17345632	2.16220949	2.15529343
0.00023115	0.00024568	0.00025134	0.00027922	0.00033181	0.00032385	0.00039391	0.00036959
0.66011552	0.68717409	0.59509004	0.58511365	0.51589777	0.4492823	0.36762281	0.45060302
8.42649284	8.28040564	8.6654966	8.67865525	8.66163639	8.6597685	8.50692262	8.35277048
64.8894473	60.6496178	57.957995	52.7833572	54.523634	53.7461929	51.215731	48.8158589
0.00524665	0.00507694	0.00412804	0.00521166	0.0036207	0.00285578	0.00276403	0.00279205
0.00031054	0.00031243	0.00031959	0.0003225	0.00032953	0.00032342	0.00033302	0.00031757
1.87461601	1.62374934	1.45347342	1.48728917	1.28815028	1.2932648	1.41354484	1.3921102
0.45638874	0.4798357	0.4653443	0.48846075	0.53428307	0.55430873	0.49773205	0.47340316
2.10622047	2.25977277	2.49581774	2.55149903	2.82929475	3.20787751	3.62378734	3.84713858
0.53000255	0.65623175	0.6473555	0.8258106	0.68178935	0.79211265	0.8901499	0.9297436
2.60832313	3.22356695	3.41153603	3.76829345	3.88610574	4.3597273	4.65009763	5.70806877
0.02179844	0.02191064	0.02199441	0.02205869	0.02245594	0.02292149	0.02320311	0.02400695
0.00073771	0.0007183	0.00073906	0.00091972	0.00083169	0.00077708	0.00078789	0.00083412
23.6954047	23.0300087	23.5788992	23.4539823	23.6529761	21.3645699	19.8394626	19.131166
0.73556335	0.75214347	0.77521536	0.93927402	0.98244889	1.02145143	0.99571912	1.04813234
0.13407551	0.15087836	0.15989615	0.16425719	0.1495598	0.17201678	0.20494351	0.2285072
2.73973317	2.51021305	2.42103726	2.14114762	2.04568785	2.04054195	2.09059058	2.0166491
0.04917291	0.04814962	0.05294139	0.05242288	0.06144734	0.05517711	0.05268968	0.05179838
3.1417E-05	3.1551E-05	3.1219E-05	3.2075E-05	3.4225E-05	3.3E-05	3.8702E-05	3.3728E-05
38.9498346	36.0567974	34.7986823	31.7342337	30.8185754	31.4469107	30.6103408	29.8216139
9.4527E-05	9.5006E-05	9.566E-05	9.613E-05	9.6008E-05	9.6798E-05	9.7368E-05	9.8063E-05
0.0498577	0.0698626	0.07721189	0.09084626	0.09868537	0.10341226	0.12038601	0.10534865
23.2989533	20.8353307	20.5934483	19.7324488	19.9924692	20.8155808	20.3249799	19.786906
1.82724945	1.37778285	1.3928265	1.10006818	0.8677514	1.072782	1.04600387	1.01069074
0.42126199	0.47278561	0.4969857	0.45718779	0.23567952	0.21511588	0.27387493	0.33600505
0.00067945	6.1959E-05	6.1823E-05	0.00067908	0.00067882	0.00067844	0.00067794	0.00129465
0.08398267	0.08358359	0.08353199	0.08410935	0.08561474	0.08731824	0.08755548	0.09203718
0.08063155	0.07980161	0.07974275	0.07923267	0.10236225	0.09134126	0.09381889	0.09437689
0.00179617	0.0018148	0.00185146	0.00204466	0.00199606	0.00203058	0.00206332	0.00212302
0.00202955	0.00206369	0.00209909	0.00222464	0.00220953	0.00230818	0.00237224	0.00240084
0.00052371	0.00054147	0.00057331	0.0006178	0.00066917	0.00071952	0.00076305	0.0007977
7.37399944	7.31421126	7.69880778	7.48948286	7.74231327	7.48452261	7.14797861	6.96195696
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0.00049282	0.00049472	0.00049832	0.00050343	0.00050951	0.00051582	0.00052171	0.00052714
0.34179946	0.33095589	0.29605596	0.34061824	0.28689002	0.28671971	0.34934427	0.69728769
0.00040347	0.00042228	0.00040143	0.00048048	0.00057745	0.00048687	0.00058349	0.00058307
0.00174139	0.00175432	0.00175644	0.00175731	0.00175225	0.00173917	0.00172978	0.00171719
0.64204694	0.7253563	0.72960967	0.6895116	0.81020991	0.85827668	0.84043541	1.00936142
0.10523024	0.15443234	0.15184603	0.1379327	0.23246098	0.17783483	0.16827037	0.17284697
5.4659609	4.64770084	4.66874821	3.95441205	3.19211227	3.50519666	3.66311928	4.1188837
0.21643132	0.23857786	0.23164682	0.22409205	0.23342375	0.2334923	0.25062129	0.2383432

6.52214413	6.34025113	6.33984655	6.11150807	6.06321019	6.03492287	5.68984688	5.69736907
3.96803649	5.14866928	5.34886316	5.73653438	7.32560532	9.00596209	10.5943015	11.7779619
19.9339053	18.7513681	22.0155237	22.9277977	23.7725557	27.0898939	28.96884	30.8590698
1.57867194	1.58558797	1.61480096	1.7299256	1.46544705	1.60499016	1.55581885	1.50547355
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1.3588567	1.38236191	1.4442211	1.34010803	1.2814593	1.22986128	1.26486944	1.27399116
32.3506786	32.7973535	31.3370532	29.5362532	29.38517	28.9085712	28.2425222	29.1568311
0.27118925	0.20421416	0.18870579	0.21285889	0.23792329	0.22301985	0.18946328	0.1937814
0.32147651	0.46499978	0.50514092	0.44732385	0.6615685	1.03416168	1.02982924	0.942472
90.3300215	86.5177353	80.9991191	75.9960764	75.6306177	77.4857796	72.3886364	70.1296412
14.3118058	13.308319	12.8466911	10.3945164	10.5404724	11.6219016	11.6844148	11.4443551
0.70843051	0.76947766	0.83694436	0.73422883	0.73838008	0.73066066	0.73135144	0.74725807
0.6190425	0.62635205	0.63382908	0.61226166	0.61921157	0.59660671	0.64053195	0.65567187
0.01443859	0.01440431	0.01451063	0.01521643	0.01568899	0.01634914	0.01658019	0.01707807
0.0002151	0.00022355	0.00021239	0.00023319	0.00021472	0.00017485	0.00016231	0.00016477
0.00018671	0.00018721	0.00018513	0.00018874	0.00019874	0.00019142	0.00020506	0.00018706
14.1642918	13.319369	13.0514266	13.3500318	15.0721952	14.7500047	14.7869038	16.3492581
1.47646213	1.68241466	1.65494475	1.1428645	1.25902618	1.19899978	1.90155446	2.19380329
0.00837651	0.00862652	0.00785196	0.00808583	0.00819758	0.00833657	0.00837756	0.00864573
1.09900963	0.8273134	1.23273448	0.88374898	0.76260571	0.63163126	0.5081348	0.45870122
0.09661687	0.06025703	0.05573414	0.04171367	0.05055883	0.04834523	0.05580005	0.05163393
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0.93871651	0.97412121	0.99557728	1.20773307	1.28344765	1.29855741	1.29118829	1.37095328
0.00518732	0.00529487	0.00504156	0.00543721	0.0056131	0.00560473	0.0046675	0.0049373
1.61316017	1.71796707	1.72800721	1.78617542	1.82175067	1.68134553	1.73205927	1.72341753
0.71790808	0.73108596	0.74238878	0.84561251	0.8373995	0.8264276	0.82339598	1.16217512
0.05053108	0.04889993	0.03823842	0.03869367	0.03912986	0.04012307	0.03661512	0.03835079
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20.7610294	20.7217251	22.0000268	22.5873037	21.0672654	21.2709693	22.1800477	21.3817251
4.48863593	3.73038399	3.51921659	2.08246567	1.08047877	1.90137596	2.00449589	1.89982951
0.03083715	0.02754315	0.03506188	0.03178324	0.02864709	0.03099642	0.02870281	0.02937075
0.0264036	0.02836704	0.02978266	0.02982612	0.01007289	0.01073526	0.01077788	0.00834884
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0.13114464	0.13027224	0.09743833	0.13738587	0.1549329	0.14549951	0.1577312	0.27032278
0.16206671	0.14444293	0.15565571	0.15950096	0.1217628	0.08436295	0.07170483	0.06983658
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0.0692961	0.08573131	0.08923027	0.10189515	0.10093324	0.0919798	0.09278789	0.1002555
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0.06808933	0.05829273	0.05211166	0.04091641	0.04891109	0.04910365	0.04608182	0.05056037
1.57819049	1.59216972	1.82023483	1.94577048	2.20482385	2.51775733	2.79477411	3.0074134
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0.03048372	0.03423333	0.03454356	0.03256679	0.03018842	0.03399016	0.03417259	0.02930156
0.94527732	0.96908903	1.3625353	1.56164864	1.44259981	1.17933452	1.69795801	1.81221142

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9.23282065	8.53099422	9.05751658	7.98663781	7.96436864	9.12882934	10.2744945	9.46014165
10.8281737	9.92600745	9.16215077	6.6337936	6.35453128	7.89550335	7.28169635	6.57818294
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0.96511949	0.95775378	0.99293139	1.02316503	1.09862842	1.19527244	1.22081148	1.26977459
0.0427256	0.04054582	0.03966736	0.03693897	0.03722837	0.07588309	0.06297349	0.03821553
2.50052711	2.68373441	3.15127278	4.17200951	4.58971648	4.97806596	5.0968408	5.73529829
0.24887525	0.27327821	0.25085733	0.17131769	0.15981046	0.14854128	0.14855723	0.16186108
1.44651477	1.52880255	1.53604602	1.4677629	1.26904733	1.24059933	1.16023341	1.37244665
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0.00292101	0.00292112	0.00296516	0.0029445	0.0030566	0.00337885	0.00273866	0.00298392
0.01212716	0.01268655	0.01207546	0.01338588	0.0123365	0.01281774	0.01083845	0.01087085
23.0173996	22.5870686	17.9731118	18.2185936	19.4486986	20.2102157	18.2063933	19.9710328
0.6664517	0.63846243	0.61168567	0.51965525	0.43246319	0.44372215	0.43351154	0.4428135
6.35431763	6.12098288	6.0415981	5.89683482	5.84049542	6.01554971	6.01027203	5.95788817
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0.11568837	0.14866219	0.13588891	0.11921353	0.14447376	0.13504337	0.1053608	0.16454447
0.00205561	0.002144	0.00240755	0.00301032	0.00313127	0.00373965	0.00268647	0.00289485
0.9289797	1.12840771	1.08020107	1.22377501	1.36049852	1.59891908	1.60612225	1.78521102
0.07827154	0.07077283	0.07796977	0.08424223	0.09481404	0.10537176	0.11543828	0.12590237
20.8989453	20.0712285	19.3963513	20.3007231	19.5853601	20.665084	19.6297496	20.9743915
111.658646	112.220108	112.772275	110.756237	115.279771	118.762257	118.442714	124.799761
0.01135506	0.01175348	0.01214731	0.01252786	0.01290565	0.01676735	0.02805422	0.03529185
2.46688293	2.62562782	3.54070506	4.80192306	5.55986936	8.73536075	10.2450917	10.9756087
2.74529746	2.86761366	2.98806288	2.97432746	2.94882897	2.97415927	2.91893818	3.2853039
0.13227375	0.13338439	0.11789544	0.13501154	0.16391099	0.15046882	0.13425828	0.14307409
0.19847068	0.19091531	0.20144028	0.19048159	0.19331699	0.20676666	0.20034475	0.18247988
0.99190546	1.05551843	1.32108344	1.49634841	1.71779431	2.34486489	2.24264842	2.37734835
7.9444E-06	8.003E-06	8.0795E-06	8.1653E-06	8.2627E-06	8.335E-06	8.3876E-06	8.4117E-06
0.00082434	0.00086483	0.0009551	0.00102188	0.0009816	0.00096507	0.00080838	0.00079822
0.00952534	0.00957559	0.00967763	0.01073085	0.02924626	0.01012581	0.01795731	0.02597889
0.28135001	0.25538613	0.22565618	0.21093796	0.2124852	0.1947211	0.21727784	0.22040739
0.01911626	0.01996319	0.02100298	0.02237604	0.02142674	0.02093269	0.02079203	0.06060702
8.8441E-05	9.1842E-05	8.8553E-05	9.1106E-05	0.00012661	0.00011053	0.00013367	0.00013169
0.00029858	0.00029923	0.00030128	0.00033204	0.00031901	0.00030995	0.00030888	0.0003293
0.12518249	0.11496653	0.10252903	0.10694767	0.08975495	0.06256718	0.08499036	0.0767234
5.98354558	6.03858719	5.51458971	5.34287961	5.19593232	5.3108466	5.23148634	5.0889038
2.02707672	1.89595274	1.87455761	1.43042592	1.32036536	1.51623386	1.46723931	1.35149037
4.08494377	3.69894191	3.36244743	3.08395376	3.02092159	3.28114209	2.97292654	3.11794968
0.0014694	0.00154168	0.00157262	0.00156039	0.00158166	0.00164505	0.00170282	0.00178284
0.00091247	0.0008825	0.00074073	0.00084867	0.00113501	0.00105521	0.00104287	0.00107571
1.14187856	1.14545935	1.32591484	1.60801639	2.13839563	2.42693023	2.46794498	2.49972521
1.7634E-05	1.8318E-05	1.853E-05	2.0105E-05	2.3126E-05	2.2332E-05	2.6192E-05	2.4346E-05
0.0186658	0.0169893	0.01499333	0.01566445	0.0127492	0.01220145	0.01260076	0.01328347
0.14464736	0.14812294	0.1342635	0.1304504	0.11153913	0.11602296	0.1336892	0.15699258
2.97461389	3.055983	3.51674441	3.67107617	3.98546958	5.85370622	5.79068012	6.09917523
0.82791904	0.81547215	0.82977468	0.83989767	0.90105359	0.61808863	0.91004801	1.18970978
0.75685693	0.76306416	0.77313028	0.75202539	0.78289909	0.63086459	0.66159088	0.65808254
0.00131672	0.00129678	0.00130252	0.00133106	0.00137461	0.00142238	0.00146653	0.00150386
0.00030559	0.00031355	0.00034099	0.00036851	0.00033643	0.00032494	0.00027767	0.0002524
1.12868932	1.29850685	0.99742124	1.91421053	2.91090253	3.22265628	3.28294825	3.12431296

1.01228684	1.26992498	1.32555115	1.23040022	1.62441805	1.74224898	1.83869452	1.84249564
8.81175481	8.44184225	9.19023752	9.49981926	8.63721088	9.83385758	10.7623489	13.0045443
7.75259904	7.82999244	7.79938169	7.42815237	7.56616219	9.24277205	9.18547466	9.82714294
0.17811364	0.19326639	0.23178271	0.20535286	0.16187248	0.21752788	0.22052298	0.24761494
0.05305349	0.04796551	0.04629441	0.05330738	0.0480395	0.04580766	0.04111689	0.04364715
52.128927	50.7829381	50.2519792	47.4966872	48.8641267	51.2232951	51.0388228	52.7546098
0.38559666	0.3386136	0.32295527	0.26872032	0.19992921	0.18448109	0.15930161	0.1634499
145.017501	132.582878	129.718517	106.676651	119.042564	124.286586	123.547959	122.976393
6.55133553	5.21714932	5.41446374	5.71967542	6.11402517	6.20497993	6.48425674	7.1417613
0.0003766	0.00038086	0.00038278	0.00038902	0.00039981	0.00039763	0.00041134	0.00040117
3.74683477	4.54315884	4.56499191	4.54749491	4.01548386	4.60673538	5.05507215	5.44778614
9.3259E-05	9.5481E-05	0.00010465	0.0001109	0.0001224	0.0001117	0.00012319	0.00011391
1.01954747	1.01918056	0.99609789	1.11229834	1.23105994	1.46158273	1.59098565	1.70681224
0.00063289	0.00066402	0.00057689	0.00064759	0.00058359	0.00056553	0.00048291	0.00046411
0.00067788	0.00070163	0.00065592	0.00077231	0.0006903	0.00073416	0.00053992	0.00050848
0.62062393	0.62523744	0.61830804	0.59546657	0.62369309	0.63959933	0.65536343	0.67777349
14.9675044	14.2931674	14.3799169	11.3519147	9.50999108	11.174906	10.6408388	9.94928843
0.45375302	0.39666307	0.40700945	0.43121063	0.46855536	0.40460522	0.43253897	0.43872261
1.34866954	1.20463747	1.21126236	0.92202988	0.60784117	0.82999898	0.88420049	0.83162494
0.00571503	0.00870001	0.00957154	0.01059922	0.01182048	0.01361021	0.01444403	0.01629964
0.32694344	0.3326215	0.39409325	0.39563625	0.54789266	0.53918584	0.69378599	0.57888346
1.05515457	0.99605078	0.87185296	0.85591432	0.77705139	0.70241207	1.03941172	1.02605807
0.00235757	0.00373518	0.00595776	0.00639317	0.00547563	0.00518603	0.00300813	0.00235578
204.56754	203.458273	202.666508	210.056396	211.936887	219.877749	225.908136	248.130141
1.26179105	1.48060802	0.82147046	0.85464879	0.93356532	1.32008856	1.07920185	1.0121194
1.54934807	1.54934807	1.43788038	1.3532364	1.36204297	1.27302305	1.11259666	0.91045918
3.29879922	6.96562491	8.18888184	9.0814524	9.28356567	9.82269054	9.4159827	9.38514408
28.6912839	29.7013736	29.4983554	29.8857131	30.0022893	29.4352506	27.2199613	28.2550209
1.62135572	1.75353489	1.75924484	1.75778527	1.72877031	1.71056581	1.71319626	1.83764448
0.0101279	0.01450001	0.01344317	0.01916881	0.01193988	0.01439542	0.01450999	0.01585112
48.3324527	49.5731501	50.4278966	51.5765638	51.0272644	53.2294518	54.7739962	56.236203
12.3722488	11.5424416	10.8632232	10.7833096	11.1486292	10.8959052	11.1172843	11.5080338
3.87935757	4.08277953	4.14834815	4.1855205	4.18591998	4.22768863	4.32230523	4.64784609
0.01817105	0.01930988	0.02350094	0.01896989	0.02298306	0.02919673	0.02713119	0.03094642
16.2809428	15.8538311	15.4442378	15.6411611	15.9917126	16.0210685	16.4206194	17.9117453
0.26588016	0.25956708	0.18370534	0.24104315	0.23183316	0.28450806	0.35953894	0.32445285
0.07787594	0.08275664	0.08812851	0.08129951	0.08618647	0.08759018	0.07868045	0.10490156
0.85482322	0.99260931	0.83048525	0.98169428	1.10214187	1.07512296	1.34861806	1.32179334
3.96395992	4.11641992	3.96395992	3.96395992	3.96395992	3.83284444	3.69867954	3.68953213
0.61548223	0.62727721	0.70614014	0.77206471	0.85392791	0.85278543	0.87399834	0.83808107
0.10127895	0.14500011	0.15594078	0.14094714	0.11342883	0.1112373	0.09893174	0.10701071
2.44922221	2.23886774	2.18594018	2.02258169	2.09491809	1.94803973	2.26249044	2.79812002
10.5657433	10.7662543	10.8238909	10.852957	10.6961708	10.6861311	10.7179062	11.1461483
0.00578737	0.00828572	0.0080659	0.00789304	0.00835791	0.00981506	0.00989317	0.01326614
0.013745	0.01967859	0.01774499	0.0197326	0.02208877	0.02355613	0.02308407	0.02335342
2.20454768	2.14812102	2.05691841	1.68890844	1.79074408	1.74704382	1.7656288	1.77026035
77.6722609	73.3282404	73.1212919	73.2459424	68.6882802	67.6060893	70.085687	77.5242278
0.02423461	0.03469645	0.03764088	0.04002899	0.04477454	0.04711227	0.0527636	0.05952914
0.20180152	0.33324754	0.3133729	0.36367044	0.41075946	0.40972065	0.45028866	0.459291
0.00093412	0.00095035	0.00985233	0.01014452	0.00996168	0.00980338	0.01067363	0.00892238
0.18973817	0.22740926	0.24934966	0.27128976	0.29954322	0.31817113	0.33038171	0.38391942

0.02595865	0.02758555	0.03818902	0.03793977	0.04309324	0.04087542	0.03798367	0.05196506
127.072456	129.228709	128.309284	111.197192	108.615016	111.957893	114.05103	114.018832
9.72117186	10.3351723	10.6185958	10.8671959	11.344086	11.6016267	11.7090005	12.365464
5.80476485	6.24614565	6.62185244	6.25646676	6.27421651	6.25580801	6.18130921	6.35093306
74.8971127	70.8589516	70.636414	74.0071064	78.599389	83.888588	86.3286824	94.0560293
1.49398366	1.55701132	1.50650613	1.40849575	1.27281486	1.18485299	1.18795784	1.14955218
1.10894823	1.1784969	1.19318909	1.30776133	1.50844412	1.58357867	1.74016145	1.65001093
0.61161398	0.59919547	0.58988152	0.49674229	0.58988152	0.59609092	0.54331205	0.54641661
0.45474627	0.5123762	0.54418906	0.65584462	0.66463903	0.58765398	0.60390484	0.56221323
0.00934124	0.00950347	0.01970466	0.02028904	0.01992337	0.01960676	0.02134726	0.01277181
11.5013453	11.7808421	11.942499	12.4870845	13.0918876	13.4981109	13.9541235	14.2176297
0.00778759	0.00827566	0.00881285	0.00812995	0.00861865	0.00875902	0.00813936	0.00499873
0.05451315	0.05792965	0.06168996	0.02438985	0.02585594	0.0321164	0.02984431	0.0103224
1.34214428	1.3339731	1.17852123	1.05059564	1.08868232	1.16444041	1.19631798	1.31057802
5.2941611	5.3034333	5.54698104	5.3012604	5.33790569	5.66322836	5.46520081	5.62664529
0.00415967	0.00621429	0.00672159	0.00761115	0.00865641	0.01014222	0.01055272	0.01204756
0.59816707	0.62058616	0.61753702	0.65172296	0.71094712	0.76385814	0.7979365	0.84464198
7.31494531	6.40898437	7.20719685	6.10178798	6.20480193	6.56712327	6.44322504	6.36351593
126.261295	128.476011	124.376307	124.679389	126.756519	130.428944	130.613158	136.519582
0.25958645	0.27585546	0.23500936	0.21679869	0.17237294	0.14598363	0.13565595	0.13755457
0.00072342	0.00103572	0.00161318	0.00169137	0.00179098	0.00196301	0.00197863	0.00174534
9.29878587	8.98004467	8.71981313	8.80363939	8.74326665	9.30022543	10.7808918	11.2278856
1.92936358	1.78832307	1.50885404	1.48194498	1.74480376	1.96699919	1.965475	2.1004474
5.66811621	6.21581485	6.78513102	7.0963342	7.60436469	8.15876885	12.409815	12.5378081
3.45741828	3.99067212	4.57721824	4.72895545	4.83765097	5.42176213	5.75758377	5.94146752
6.76438043	8.21169734	9.10069679	9.06569187	10.251186	11.4297449	12.2443859	12.2690461
0.08098713	0.077374	0.08262229	0.0766781	0.07731314	0.07129355	0.07404538	0.09084869
0.03564471	0.03832596	0.03831334	0.03988404	0.04041877	0.04214038	0.04516603	0.05007811
46.8499407	45.1239726	42.5612465	42.427198	42.8428021	44.4760598	43.9428359	45.3629691
2.56855854	2.60115805	2.58308515	2.56887489	2.48801248	2.44966571	2.41498483	2.46586253
0.62331478	0.55893767	0.58567059	0.55942563	0.56810453	0.53582984	0.57343804	0.668102
8.38457785	8.33152523	8.43755892	8.63624591	8.83312977	9.09111211	9.50065061	10.0863035
0.33161406	0.33737323	0.35961009	0.36520269	0.2938697	0.26469123	0.29352484	0.28097977
0.00028937	0.00041429	0.00043018	0.00045103	0.0004776	0.00052347	0.00065954	0.00054823
86.7951796	88.3947121	89.9354058	90.5699345	91.3871427	92.9874986	92.7774248	97.1176641
0.25916367	0.24073153	0.44711633	0.47112247	0.42796918	0.24041992	0.32332225	0.4707069
88.528474	89.1993271	86.4583714	88.4747462	90.9632675	95.3530475	96.5229127	102.621422
4.85688489	4.85961406	4.78708946	4.73730138	4.53322589	4.43212276	4.33688771	4.37215208
1.15188172	1.26499927	1.48389438	1.34810922	1.00046953	0.98960909	1.26686894	1.35783846
0.0342935	0.04060692	0.04376332	0.04692004	0.0342935	0.03113679	0.03734264	0.06270328
0.14536841	0.15447906	0.16156893	0.15175908	0.16375429	0.16642134	0.14379531	0.20068203
0.01265987	0.01812501	0.02634861	0.03495489	0.0388046	0.04645793	0.04287042	0.04684248
0.02855451	0.0303441	0.03231379	0.02980982	0.03160171	0.03503607	0.03255743	0.03315707
0.01557519	0.01655133	0.0176257	0.0162599	0.01723729	0.02335738	0.02441807	0.02366336
0.0124185	0.00931395	0.0124185	0.0124185	0.0062094	0.00931395	0.00310456	0.0062094
8.91280427	9.55144658	9.6558086	9.85004669	10.7742904	11.3083216	11.6730682	11.9155713
0.00108513	0.00155357	0.00215091	0.00225515	0.00238798	0.00261735	0.00263818	0.00328679
1.34094096	1.35265661	1.25589328	1.17071727	1.12517474	1.22328849	1.26810383	1.21832583
0.00904276	0.01294644	0.01182999	0.01522229	0.01671583	0.01439542	0.01450999	0.01826885
0.23471827	0.23776479	0.24714026	0.25018678	0.25042235	0.23800068	0.23483621	0.23167174

2.78865979	2.49895679	2.94978933	3.17666015	3.21465503	3.07783107	2.84433557	3.62732067
0.65315333	0.61558619	0.63183645	0.64498215	0.72757315	0.76255528	0.77207687	0.87060591
3.52047351	3.18981903	3.15223207	2.94216307	2.89408879	2.71488032	3.01137618	3.73631953
0.31244992	0.303032	0.30644846	0.30023906	0.29713451	0.30344758	0.30355155	0.31938653
8.64447969	8.4733009	8.16401025	7.97557707	7.50666942	7.65428945	7.74392348	8.13805455
15.8402085	17.8541577	19.6403281	20.8120798	20.1321337	20.4874382	21.1206875	22.369014
52.9688166	55.2969144	56.0095265	47.9113255	49.6755188	49.8647894	52.7323357	53.7210824
4.72926493	4.54781271	4.56051541	4.33878142	4.15237074	4.03384289	4.46069093	4.41258216
23.1049942	21.3405562	21.4833866	23.496553	29.0849986	31.3815019	34.9817194	33.0576571
8.55991204	9.82286961	11.1727017	13.4527391	13.8402274	14.9025818	16.0135767	16.2531052
0.49596564	0.46816241	0.56720101	0.486802	0.48087755	0.52422219	0.49655195	0.52425654
4.11696936	4.14440383	4.08591138	4.45486794	4.70634379	4.5298748	4.94850568	5.29053545
70.3140779	71.2134648	71.2950243	73.7607825	74.0276291	76.9220215	79.7130287	82.72229
0.80770904	0.7266767	0.75754653	0.83278506	0.91275909	0.82489441	0.81899663	0.84383364
1.6288842	1.66336824	1.65965996	2.20599188	2.35829794	2.28628743	2.39202373	2.88250329
155.562078	157.468664	153.996942	148.533301	152.653836	157.42848	159.311194	164.870075
10.0314623	10.4817682	10.6659586	10.764891	10.7896924	10.8353038	10.8878317	11.4391618
1.63673809	1.91767104	1.82142977	1.78593997	1.8255853	2.17475513	2.33516996	2.60527776
3.29577843	3.564463	3.57606978	3.57310288	3.5141233	3.47711848	3.48246546	3.73543508
0.08874179	0.09028298	0.09852331	0.11158971	0.12452106	0.1372473	0.14943083	0.11920354
0.00934124	0.00950347	0.00985233	0.01014452	0.00996168	0.00490169	0.00533682	0.004405
0.00144684	0.00207143	0.00215091	0.00225515	0.00238798	0.00261735	0.00263818	0.00242617
17.070034	14.5227583	11.1286583	12.6077423	16.1417725	17.7572515	19.233128	22.3912981
3.2279869	5.34971198	6.94526263	8.8775925	9.04639801	7.38467896	9.23061043	9.46006654
0.14011862	0.14255207	0.05911399	0.05579486	0.05977011	0.05391858	0.06404178	0.06385904
1.52127357	1.85347014	2.00559734	1.55231997	1.91245812	1.98696973	2.29432899	2.06769017
0.33746239	0.35861209	0.35251404	0.32519804	0.34474588	0.32116398	0.29844309	0.24934578
3.97141401	4.69081598	5.47967453	5.84107157	5.79408653	6.01361703	5.88319794	5.71292588
0.00289368	0.00414286	0.00322636	0.00451031	0.00417896	0.00458036	0.0059359	0.00639917
2.05101909	2.08159437	2.07810528	2.19647811	2.08475124	2.33400397	2.43630637	2.44832326
0.02595865	0.02758555	0.02937617	0.02709984	0.02872882	0.02919673	0.02984431	0.03526869
3.35458167	3.5697232	3.60516765	3.61928592	3.59168788	3.57914263	3.59033986	3.81311564
1.20979614	1.27198372	1.42680408	1.43612746	1.41210304	1.43773936	1.55346118	1.60999782
2.23604098	2.31572676	2.36603102	2.39521264	2.4132349	2.4374503	2.46199963	2.58586295
0.14945986	0.15205554	0.15271113	0.16738457	0.22911875	0.24508447	0.21880943	0.25117888
2.88405636	2.5926237	2.55868044	2.76785823	2.67501864	2.57348847	2.60650878	2.75906376
1.35167032	1.45578861	1.46384627	1.46542843	1.4455737	1.43797116	1.45118089	1.56412374
0.5050019	0.54758352	0.35191324	0.35476915	0.30643373	0.44001768	0.4341299	0.37063366
0.00467062	0.00475174	0.00492617	0.00507226	0.00498084	0.01960676	0.02134726	0.01973372
60.3016222	67.5718385	75.4701765	75.2391753	67.084489	70.3784981	70.9388842	70.1384334
0.74374354	0.68920024	0.69472126	0.6325049	0.64645206	0.60644158	0.68184335	0.85226829
0.07787594	0.08275664	0.11750468	0.08129951	0.08618647	0.08759018	0.08953293	0.0760799
0.20371878	0.26728182	0.27348768	0.3113676	0.295047	0.29547684	0.14305716	0.45169794
1.81854573	1.90925121	1.88119974	1.94850293	1.84006137	2.02423519	1.89579884	2.09869607
0.56047446	0.57020828	0.59113987	0.71011635	0.69731793	0.73525342	1.25389518	1.30698573
0.18006912	0.28873152	0.2638944	0.23905728	0.232848	0.20490624	0.1241856	0.10245312
0.10902631	0.11585929	0.11750468	0.10839935	0.11491529	0.17518036	0.16278714	0.10472824
0.01627697	0.02330359	0.02419771	0.02537049	0.02626773	0.02551915	0.03165816	0.03543401
0.24369307	0.24358918	0.23748379	0.23406748	0.23706823	0.24027676	0.24046491	0.31330646
0.07787594	0.08275664	0.10281659	0.07858953	0.06894918	0.06715247	0.07325421	0.0764192
5.74957533	6.38750511	6.85829172	7.29088764	8.43770289	8.70715911	9.16923102	9.79745594

0.25958645	0.27585546	0.2937617	0.27099836	0.28728824	0.29196726	0.29844309	0.35458511
0.46706205	0.47517357	0.49261656	0.35505817	0.29885054	0.34311826	0.33621937	0.28967737
0.21504371	0.25936516	0.34066988	0.36281792	0.34810621	0.32262612	0.32274964	0.40010529
11.616868	13.4882207	13.9990877	15.1289585	15.7262796	14.4557423	13.642063	13.0651103
0.74641801	0.87740712	0.88807161	0.8472232	0.87985931	0.8447419	0.82266639	0.91756191
21.7545997	22.1223224	22.5259234	21.5572978	22.0793283	22.5002063	22.455937	23.3526112
9.32139784	8.48952076	8.15914502	8.27842868	8.5058248	8.86740692	9.25103904	10.0502827
0.11467596	0.15913256	0.14862421	0.16894197	0.182441	0.20957744	0.20943763	0.23671458
6.71082234	6.74844457	6.66258528	6.73904189	6.78399577	7.15511462	7.2539054	7.51357803
0.5898816	0.6364512	0.68612544	0.79789248	0.91897344	1.09283328	1.23254208	1.30705344
6.08695679	6.75082144	7.46044618	8.42426264	8.46993809	9.33563661	9.86586284	10.3895571
1.05065118	1.04206449	1.02105924	1.03430892	1.05687252	1.08875004	1.11441828	1.17434145
5.66619244	6.13410651	6.91387549	6.74549189	6.1511074	6.26680012	5.87628561	6.23288118
10.5151704	10.0105409	9.62030061	9.76379815	9.90749484	9.84756792	9.90485627	10.318514
0.71414014	0.71414014	0.72490387	0.71971363	0.74716497	0.82632712	0.66865982	0.72890263
0.56047446	0.57020828	0.59113987	0.60867116	0.59770108	0.68623652	0.74715415	0.61304677
29.1940217	28.1217599	26.0766414	23.9278195	25.2247145	24.9564826	24.2083368	24.896434
0.742314	0.85820415	0.8687201	0.89727892	0.94898206	1.11888624	1.10910185	1.13798869
5.61344707	5.95739488	5.69244956	5.55645707	5.45202993	5.35401986	5.28851087	4.7405915
6.24749332	6.76911961	7.00065557	7.45478756	7.27742639	7.06768918	6.6521382	7.10091599
0.9269972	1.08540876	1.05768308	1.0425215	1.00245003	1.14093282	1.19067834	1.21291271
0.07005931	0.07127604	0.11330181	0.15216779	0.19923369	0.29410137	0.2775144	0.28189636
0.93455694	1.04757066	1.18656429	1.37243919	1.38102588	1.27514439	1.25258079	1.23529146
0.11162217	0.11861785	0.12631753	0.12736923	0.15513565	0.17518036	0.16007402	0.17442011
7.6351968	6.8850936	4.4792748	6.1563348	5.2720668	5.0494752	4.284126	3.9883536
183.450065	187.64971	192.773929	195.922624	198.755796	202.108597	205.123914	214.845993
0.06873569	0.19883981	0.267674	0.27457751	0.32229402	0.28620067	0.2952872	0.29158189
22.3088758	19.58266	25.4909401	29.613604	41.1526774	46.8328172	44.0922198	40.3452566
5.12946494	4.67467801	4.53089596	4.20800354	4.37172999	4.05711626	4.74631355	5.85624005
2.13225945	2.27435758	2.25448308	2.57181556	2.58485745	2.2855415	2.7496351	2.58785819
364.356811	356.809992	331.695638	298.950893	279.961175	283.748877	306.28182	325.708999
0.68688885	0.7159734	0.67840605	0.67250844	0.73936812	0.76907601	0.7476552	0.71267304
2.95710516	2.85783645	3.04765917	3.27049014	3.40348227	3.6447333	3.40752192	3.47395398
0.00159669	0.00194537	0.00131676	0.00128584	0.00183784	0.00173019	0.00193806	0.00211898
0.03269434	0.03326215	0.04926166	0.04565034	0.04980842	0.04901689	0.04803134	0.03495942
0.12979323	0.13792773	0.14688085	0.14633912	0.14364412	0.14598363	0.14922154	0.17749705
1.08392383	0.85559054	0.80560461	0.83727424	0.84627659	0.87805019	0.95753604	0.94490959
0.2050733	0.21792581	0.27026076	0.24660851	0.25568653	0.26860988	0.24689383	0.29683359
0.00361711	0.00517858	0.00537727	0.0050741	0.00596994	0.00654337	0.0059359	0.00785154
0.00519173	0.00551711	0.00587523	0.00541997	0.00574576	0.00583935	0.00542624	0.00676065
0.05063948	0.07250005	0.06452722	0.06201674	0.04775951	0.04384058	0.05672086	0.06056785
4.92038712	4.12243236	4.24992141	3.93887475	3.25256724	3.34418967	3.33698211	3.45365901
2.58385513	2.3953272	2.41673361	2.19928666	2.24691422	2.10838622	2.36827078	2.96114884
17.3399711	16.6886411	16.3820676	16.481122	16.8030161	17.6155636	18.1726835	19.377476
0.23149292	0.25412099	0.25362407	0.25683258	0.23846044	0.25002286	0.26945902	0.33260727
0.03893797	0.04137832	0.0352514	0.02980982	0.05458477	0.05839345	0.0569755	0.06097977
3.59963763	3.62532999	3.76990956	4.02233247	4.43298813	4.78766844	5.00365473	5.00912472
0.0003217	0.00046058	0.00047825	0.00050143	0.00053096	0.00058197	0.0005866	0.0006303
0.05191729	0.05517109	0.05581472	0.05148969	0.05458476	0.02627705	0.02984431	0.0580786
0.30136992	0.31576239	0.31359276	0.36337089	0.226443	0.18079635	0.22985931	0.40580901
10.3762597	9.83598589	10.3442085	10.0070957	11.9514644	13.9644964	14.7238189	15.5578421

0.40059801	0.4332563	0.43466709	0.43430647	0.42713757	0.42263968	0.4232896	0.45403776
2.26152552	2.44589381	2.45385825	2.45182239	2.41135128	2.38595899	2.38962804	2.5632129
0.00934124	0.00950347	0.0147785	0.01521678	0.01494253	0.01470507	0.01601045	0.007933
1.31120405	1.40852796	1.496289	1.59932429	1.62933179	1.70819447	1.67821608	1.72240827
1.64314547	1.77077312	1.88865691	1.90415206	2.04286683	2.14739706	2.25423431	2.20289783
17.4671563	16.7433328	16.8674394	18.0669319	18.907037	19.0820541	19.7596659	22.0808984
7.9010701	8.49964866	8.55651884	10.1304037	11.192066	12.4068625	13.0003265	14.1163522
0.71442711	0.69227907	0.6799644	0.62097624	0.63329091	0.63297924	0.64239705	0.63929241
0.43104963	0.47503404	0.37743963	0.34360026	0.29671899	0.35695383	0.38241429	0.43985616
54.6596398	55.5304165	55.5483003	55.5004851	54.3209655	53.8399892	53.3548464	54.7402066
1.93268446	1.65250587	1.6659718	1.58933277	1.51877861	1.37605021	1.33480256	1.34759869
1303.32977	1241.23308	1235.89193	1227.51833	1243.79066	1281.70351	1292.56437	1315.02246
4.42016504	4.74391895	4.77430906	4.78108078	4.72232565	4.68845404	4.69923524	5.01673583
0.00108513	0.00155357	0.00161318	0.00169137	0.00179098	0.00196301	0.00197863	0.00179261
25.9620449	27.0041765	28.0647794	28.4002282	27.9137785	26.9671285	27.4754221	27.7406718
0.00072342	0.00103572	0.00161318	0.00169137	0.00179098	0.00130867	0.00131909	0.00085871
0.67022941	1.98752565	1.62808225	1.70735759	1.90566508	1.85613489	2.87185981	3.19678915
0.03736496	0.03801389	0.03448316	0.03550582	0.0348659	0.03431183	0.04269452	0.03174007
0.03269434	0.03326215	0.03448316	0.04057808	0.03984674	0.04901689	0.04269452	0.02980088
1.75756668	2.31926721	2.34627396	2.44728468	2.77195749	2.75435649	2.89624698	3.30090114
25.3209534	25.5836927	26.5521665	26.4536885	26.2123438	27.6994787	26.4274457	26.0683545
0.57427324	0.87379496	0.84285764	0.7377496	0.75638643	0.78117385	0.74408811	0.71670025
1.61356978	1.87263265	1.99127904	1.74507398	1.97749508	1.82003061	1.90356314	2.12295162
0.00076914	0.00080486	0.00084135	0.0008786	0.00091857	0.00095937	0.00100503	0.0010537
0.00619131	0.00631344	0.006446	0.00658153	0.00672004	0.00686153	0.00700451	0.00714451
0.00917813	0.0093071	0.00942816	0.0095576	0.00969662	0.00984336	0.00999812	0.01015859
0.01089295	0.01093507	0.01094304	0.01095504	0.01097143	0.01099229	0.01101631	0.01103675
0.00127274	0.00129734	0.00132193	0.00134652	0.001372	0.00139835	0.00142558	0.00145105
0.13697853	0.13768593	0.13824879	0.13878074	0.13929632	0.13981961	0.14036678	0.14091095
0.00031159	0.00033348	0.00035151	0.00037018	0.00039014	0.00041074	0.00043263	0.0004558
0.01042981	0.010617	0.01073666	0.01085604	0.0109721	0.01108062	0.01117801	0.01123945
0.00039833	0.00041026	0.00042338	0.00043769	0.000452	0.00046512	0.00047943	0.00049255
0.0009701	0.00102234	0.00106256	0.00110353	0.00114528	0.00118779	0.00123308	0.0012751
0.00866089	0.00890485	0.00913521	0.0093685	0.00960428	0.00984187	0.01008024	0.01028076
0.00072234	0.00075213	0.00078639	0.00082064	0.00085639	0.00089213	0.00092937	0.0009666
0.1155022	0.11996584	0.12445779	0.12907186	0.13378125	0.13855468	0.1433579	0.14804049
0.00058824	0.00060915	0.00063006	0.00065096	0.00067187	0.00069278	0.00071369	0.00073599
0.0994333	0.10058495	0.1018837	0.10317425	0.10449424	0.10590025	0.10742397	0.10895531
0.01795494	0.01850842	0.01914636	0.01981359	0.02050513	0.02120649	0.02190988	0.02252097
0.00288342	0.00294746	0.00300257	0.00305917	0.00311874	0.00317832	0.00324087	0.00330045
0.20154078	0.20864036	0.2192919	0.23018699	0.24144416	0.25322293	0.26563104	0.27890559
1.2876E-06	1.2876E-06	1.2876E-06	1.2876E-06	1.2876E-06	1.2876E-06	1.2876E-06	1.9314E-06
0.00735153	0.00760324	0.00785792	0.00812154	0.00838963	0.00866367	0.00894069	0.00919687
0.00025284	0.00025761	0.00026118	0.00026476	0.00026715	0.00027072	0.00027549	0.00027907
0.01278021	0.01300538	0.01303284	0.01303943	0.01303219	0.01302203	0.01301702	0.01300708
0.17799902	0.18059061	0.18346868	0.18650876	0.18964036	0.19275341	0.19576922	0.19837664
4.8897E-05	5.009E-05	5.1283E-05	5.3668E-05	5.486E-05	5.6053E-05	5.7246E-05	5.8438E-05
0.00061855	0.00063203	0.00064424	0.00065649	0.00066737	0.00067825	0.0006906	0.00070299
0.00013834	0.00014431	0.00014908	0.00015385	0.00015862	0.00016458	0.00016935	0.00017412
0.00053949	0.00056473	0.00059403	0.00062513	0.00065758	0.00069138	0.00072564	0.00076034



0.00137916	0.0014432	0.00150873	0.00157427	0.00164278	0.00171278	0.00178576	0.00185873
8.969E-05	9.2395E-05	9.4648E-05	9.7352E-05	9.9606E-05	0.00010231	0.00010547	0.00010817
2.06410086	2.13796638	2.17807034	2.2194142	2.26105395	2.30173338	2.34044915	2.3701823
0.00054749	0.00055958	0.00057089	0.00058029	0.00059172	0.00060149	0.00061361	0.00062584
0.00021367	0.00022137	0.00023196	0.00024255	0.00025506	0.00026853	0.00028201	0.00029741
1.37226204	1.38324229	1.39401504	1.40518879	1.41684002	1.42903032	1.4417363	1.45485111
0.00114703	0.00118456	0.00121172	0.0012405	0.00126815	0.00129746	0.00132852	0.00136287
5.4722E-05	5.8585E-05	6.1804E-05	6.5023E-05	6.8885E-05	7.2748E-05	7.6611E-05	7.983E-05
0.48115283	0.48977172	0.49755336	0.50536394	0.51323472	0.52120359	0.52929495	0.53682717
0.00034305	0.00035038	0.00035639	0.00036379	0.00036982	0.00037441	0.00037895	0.00038196
0.00012908	0.00013009	0.000131	0.0001319	0.00013281	0.00013372	0.00013464	0.00013556
0.00043047	0.00044202	0.00045508	0.00046972	0.00048601	0.00050401	0.00052087	0.00053653
2.6809E-05	2.8298E-05	2.9787E-05	3.1277E-05	3.2766E-05	3.5745E-05	3.7234E-05	4.0213E-05
8.3405E-05	8.3405E-05	8.3405E-05	8.3405E-05	8.1915E-05	8.1915E-05	8.1915E-05	8.0426E-05
0.00484513	0.0049917	0.00511455	0.00522016	0.00531284	0.00540767	0.00550466	0.00567493
0.01368768	0.01434243	0.01503296	0.01574972	0.01649391	0.01726554	0.01806579	0.01887796
0.00031389	0.0003185	0.00032185	0.00032543	0.00032915	0.00033294	0.00033667	0.00034009
0.07985414	0.08048544	0.08065362	0.08064912	0.08052334	0.08035094	0.08019226	0.08001791
0.03127116	0.03284526	0.0348346	0.03688847	0.03900218	0.04116585	0.04337115	0.04578771
0.0280839	0.02862906	0.02905282	0.02943554	0.02977063	0.03005487	0.03028456	0.03042745
0.00305882	0.00313105	0.00319359	0.00325631	0.00331714	0.00337718	0.00343881	0.00349773
0.44224	0.44669138	0.44877174	0.45001616	0.45066637	0.45107234	0.45151955	0.45180677
0.00051044	0.00052475	0.00053668	0.0005498	0.00056292	0.00057603	0.00058677	0.00059512
2.7229E-05	2.8107E-05	2.9864E-05	3.1621E-05	3.4256E-05	3.6013E-05	3.8648E-05	4.0405E-05
2.94192617	2.97985208	3.01747923	3.05416875	3.0896874	3.12377965	3.15622219	3.18762343
0.00026757	0.00028778	0.00030126	0.00031473	0.00032917	0.00034361	0.00035901	0.00037537
0.00111932	0.00124199	0.0013549	0.00149429	0.00165599	0.00183301	0.00201562	0.00212853
0.20162699	0.21095947	0.22019928	0.22971282	0.2394074	0.24913431	0.25878362	0.26893944
0.00011067	0.00011858	0.00012561	0.00013263	0.00013878	0.00014669	0.00015547	0.00016425
0.00203932	0.00211598	0.00220798	0.00230974	0.00242265	0.00254392	0.00267076	0.00281295
0.0001827	0.00018621	0.00018973	0.00019412	0.00019851	0.0002029	0.00020641	0.00020817
2.9815E-05	2.9815E-05	3.1008E-05	3.2201E-05	3.2201E-05	3.3393E-05	3.4586E-05	3.4586E-05
0.00231567	0.00237547	0.00242333	0.00247135	0.00252012</			

0.00031274	0.00032731	0.00034136	0.00035645	0.00037154	0.00038715	0.00040328	0.00041993
0.21541956	0.21952355	0.22301032	0.2265492	0.23005961	0.23343548	0.23659784	0.23909552
0.00618574	0.0062741	0.00638402	0.00650257	0.00662326	0.00674612	0.00686897	0.00698751
0.17281163	0.17545467	0.1779086	0.18033342	0.18272908	0.18509684	0.18743288	0.18922399
8.6384E-05	8.9362E-05	9.383E-05	9.8298E-05	0.00010277	0.00010723	0.0001117	0.00011617
1.7567E-06	2.6351E-06	2.6351E-06	2.6351E-06	3.5134E-06	3.5134E-06	3.5134E-06	4.3918E-06
0.0011868	0.00119295	0.00120056	0.00121027	0.0012213	0.0012324	0.0012427	0.00125428
0.00336522	0.00351871	0.00365466	0.00378162	0.00387948	0.0040202	0.00413111	0.00430909
0.01592423	0.01618628	0.01651246	0.01689719	0.01731815	0.0177447	0.01815869	0.0185476
2.007E-05	2.042E-05	2.077E-05	2.112E-05	2.147E-05	2.3639E-05	2.4018E-05	2.4397E-05
9.532E-05	9.9788E-05	9.9788E-05	9.9788E-05	0.00010128	0.00010128	0.00010277	0.00010426
0.00610562	0.00640172	0.00662868	0.00685575	0.00708274	0.00731143	0.00754175	0.00776743
0.00073613	0.00076255	0.00077663	0.00079119	0.00080587	0.0008202	0.00083382	0.00084416
0.03113906	0.0312272	0.03126256	0.03127832	0.03129067	0.03132172	0.03138736	0.03149003
3.6696E-05	3.8627E-05	4.0559E-05	4.249E-05	4.5065E-05	4.764E-05	4.9572E-05	5.2147E-05
0.00579037	0.00604964	0.00623086	0.00641207	0.00659328	0.00677867	0.00696685	0.007162
4.7394E-05	4.7394E-05	4.8787E-05	5.1575E-05	5.4363E-05	5.7151E-05	5.9939E-05	6.4121E-05
0.01451319	0.01525705	0.01650553	0.0178238	0.01921173	0.0206631	0.02217318	0.02357083
0.00274155	0.00289242	0.00304976	0.00320925	0.0033709	0.00353686	0.00370282	0.00386231
0.03668991	0.03731829	0.03791231	0.03850256	0.03909071	0.03967463	0.04025513	0.04071616
0.00098745	0.00099937	0.00100979	0.00102171	0.00103213	0.00104256	0.00105447	0.0010649
0.00201743	0.00204559	0.00207218	0.00210062	0.00213097	0.00216322	0.00219722	0.00223229
3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06	3.5779E-06
0.0066411	0.00688238	0.00711919	0.00736047	0.0076092	0.00786388	0.00812601	0.00838665
0.00365348	0.00375385	0.00385282	0.00395597	0.0040633	0.00417202	0.00428354	0.00441457

10.1118335	9.98705896	9.91126956	9.8162711	9.19181946	8.00745702	7.11404122	5.89981073
3.56974795	3.68613922	3.73235521	3.78808441	3.83383265	3.88924253	3.93114613	3.989118
1.62311582	1.67600818	1.70631212	1.72103781	1.75396249	1.75134671	1.68264946	1.77600544
0.00766584	0.00777518	0.0078442	0.00793803	0.00742902	0.00707924	0.00485296	0.00444136
0.16873946	0.18628288	0.19414233	0.20684167	0.22324799	0.23916846	0.25576741	0.27837995
105.607834	103.604575	101.14855	98.5055659	100.194497	101.270183	100.15275	98.6866178
1.59264484	1.60306686	1.60232016	1.62146513	1.64672946	1.67999996	1.69198434	1.69941408
0.0256769	0.02941728	0.02932963	0.03114269	0.0312814	0.0314533	0.03499782	0.03506674
82.8065178	81.5080038	79.5639749	79.5804826	75.1796663	76.7923978	80.3658932	81.223461
6.7891116	6.74860152	6.64761203	6.75539766	6.79310457	6.93687114	7.02195164	6.96107968
5.26909181	5.29244391	5.27244578	5.30976556	5.35781601	5.47215721	5.52186944	5.59778546
0.9638281	0.76975056	0.60803796	0.60419237	0.60304078	0.62396084	0.56527165	0.67613474
7.91519549	7.93243659	7.94865427	7.95185541	8.06226511	8.19029865	8.2523831	8.26903347
1.03310358	1.11232762	1.14637195	1.1803644	1.24890771	1.28468305	1.32547883	1.15057481
3.56939564	3.69234857	3.88097817	3.99514704	4.10262457	4.25806869	4.90718577	5.02429476
106.048341	98.9728707	99.4295298	99.6054928	92.5016037	95.1641097	95.8466842	96.6410323
7.96493944	8.11938764	8.14987921	8.28099575	8.27771981	8.35402697	8.12498256	7.88957452
0.01143446	0.01131862	0.0111747	0.01200061	0.01236653	0.01298103	0.01509757	0.01664737
0.00643629	0.00629079	0.00631198	0.00622136	0.0061292	0.00621259	0.0061957	0.00615135
2.11674933	2.10223187	2.1175409	2.12575554	2.1006747	2.1010179	2.05523219	2.01571823
17.1369507	17.2245004	17.2372126	17.4531201	17.8322162	18.2621852	18.5369117	18.7408316
0.10193338	0.10527874	0.10851816	0.10657822	0.10253093	0.10273391	0.09977086	0.0962112
0.00201805	0.00224866	0.00227759	0.00223472	0.00216195	0.00202387	0.00185884	0.00158276
9.42487536	9.83105128	9.45560397	9.42948735	10.7694961	10.2450829	10.8577488	9.78461419
204.097328	221.672111	226.078832	229.243048	228.036341	235.249883	235.768283	244.078879

0.04767414	0.05102919	0.05050739	0.04741777	0.04738284	0.04856138	0.04780287	0.05212607
0.04929369	0.04752602	0.04469596	0.04016987	0.04026928	0.04381266	0.032354	0.01973878
0.56293865	0.57269506	0.57613762	0.59584313	0.61629465	0.63464457	0.66004743	0.6805958
3.76114762	3.84700688	3.8817391	3.86233451	3.65352535	3.47588856	3.21730256	3.13705764
1.76152976	1.8941026	1.94240292	2.07514163	2.32293999	2.23913479	2.31088484	2.4102693
24.9148502	25.8312418	25.9676242	25.959443	25.3427719	25.1322622	24.6937453	24.02404
5.22635655	5.23888935	5.08505756	5.06724187	5.09320103	5.10284875	5.05692917	5.0091517
8.59436882	8.78693956	8.97465523	8.95409301	8.80748265	8.53006273	7.6188659	7.66882247
702.779078	701.065812	685.745837	678.068837	678.665186	674.100404	656.585792	665.205387
1.63707288	1.53335945	1.52080215	1.59917426	1.64598377	1.72590693	1.78858628	1.89516751
4.06512437	4.64511413	4.68232886	4.37154331	4.19340639	4.33819959	4.9845206	5.17876159
3.30095449	3.33705772	3.38872084	3.44112478	3.48868538	3.53822899	3.86488136	3.93986035
0.11664465	0.11173121	0.11792959	0.12291799	0.12787054	0.12145986	0.12499982	0.13079703
0.00682883	0.00632757	0.00582465	0.00525806	0.00464965	0.00394312	0.00339472	0.00317054
45.0720175	44.8724178	45.5529248	46.2861819	45.0274972	43.4718587	43.3283695	43.6308595
0.14363966	0.14126576	0.13873565	0.13550601	0.13101932	0.13271793	0.12681046	0.12385075
0.02659701	0.02839404	0.03000275	0.03368701	0.02670505	0.02595028	0.02927785	0.03349387
4.12573118	4.15967017	4.40798607	4.3835523	4.51118556	4.61299445	4.4136068	4.36198332
11.4415561	11.2952673	11.015574	11.1299978	11.0276369	11.1312589	10.967582	10.9132659
0.00794545	0.00829805	0.00863257	0.00877229	0.01334511	0.00349442	0.0034872	0.00367544
0.19702244	0.20507316	0.21534668	0.22780619	0.24234178	0.26017727	0.27240592	0.27128279
10.5937575	10.7200655	10.8669711	10.9898211	11.1441749	11.3035789	11.1977469	11.1473918
56.3368234	56.7763971	57.2083477	57.140871	57.6094705	58.6374905	58.9555057	59.1892835
0.2385152	0.25633664	0.25072917	0.25071265	0.27527313	0.29047605	0.30815834	0.31768401
0.0135752	0.01433109	0.01489402	0.01548476	0.01594608	0.01677667	0.01834436	0.02004508
8.70879224	8.67939374	8.52001669	8.35712485	8.38431953	8.03050391	7.84622064	7.67187792
4.93162648	4.98568183	4.70663721	4.89466146	5.26490221	5.23660188	5.16572723	5.11628068
4.17776774	4.37514599	4.45701856	4.67478474	4.88687017	4.69969667	4.6952232	4.60614686
6.58495067	6.99696975	7.1992796	7.28103903	6.92894032	7.91411406	8.10283687	8.73783232
12.7717123	12.2568131	12.1615893	12.6432297	12.4310618	12.4601319	12.0880757	12.513824
2.39171263	2.41463089	2.42136192	2.42810586	2.49027549	2.41666038	2.46984495	2.54495834
0.13960101	0.14365108	0.14385534	0.14668895	0.14460899	0.1477078	0.1508036	0.15242798
19.1041303	19.5501489	19.3906208	21.2448675	20.71044	21.1255212	20.9006035	22.0277355
1.96390532	1.9699015	1.96817472	1.99376615	2.04035742	2.08549892	2.1122801	2.13619399
30.2825119	30.229287	30.3457222	30.4838899	31.4373754	30.2991059	31.8584159	33.7792599
4.15573075	4.20489543	4.16429697	4.09645733	4.03844341	3.89245588	3.81323742	3.76177342
0.5554383	0.56415481	0.57099584	0.58767871	0.58646778	0.6168841	0.64567019	0.66259803
0.11139645	0.11177282	0.10984892	0.11126352	0.11167629	0.11245528	0.11466876	0.11515315
56.7677841	57.3341827	57.2646466	57.2355281	57.534189	57.7282201	56.7640918	57.0294295
0.01772683	0.01766902	0.017426	0.01723342	0.01739682	0.01737724	0.01717168	0.01709393
0.04236814	0.04312174	0.04377565	0.04428826	0.04440337	0.04602625	0.05298659	0.06279263
36.243893	36.0642873	35.5632104	36.3873932	36.8767405	36.5534265	36.1053074	38.5592447
2.75064919	2.76959293	2.76900009	2.79658931	2.83171846	2.88213509	2.89713319	2.90535131
1.87463508	1.87314493	1.98768981	1.7694047	1.70422948	1.90093333	1.94965871	1.9673478
2.82336697	2.86291075	2.90170265	2.94117516	2.98214474	3.01951555	2.86955431	2.53908491
0.1516982	0.1521846	0.156819	0.15654921	0.15981943	0.16815764	0.17217355	0.1537306
0.41803895	0.44367103	0.47683079	0.47579231	0.41293819	0.38448296	0.40408898	0.42393358
0.63657431	0.64014601	0.79571878	1.06079769	0.94469287	0.84650662	0.65626617	0.63767396
0.0100582	0.01016021	0.01029326	0.01039825	0.01053714	0.01067068	0.01072369	0.01081361
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0.00413186	0.00455628	0.00524223	0.00534475	0.00510896	0.00481348	0.00478409	0.00478409
2.78408734	3.35219979	3.52277631	3.35907733	3.70009502	3.5611871	3.58316063	3.51353734
0.01002674	0.01193083	0.01621782	0.01798769	0.02430368	0.0299592	0.03353662	0.03936037
1.27003691	1.34302187	1.24528369	1.33565168	1.08519443	1.24154015	1.01452751	1.06522186
0.06940081	0.06038885	0.05362378	0.04943227	0.05187236	0.05075113	0.04958053	0.03847521
3.07908114	3.16318982	3.21735575	3.22797064	3.86543728	4.07994994	4.02726519	3.93103231
2.64116074	2.62702253	2.65684524	2.67481995	2.6381375	2.65876691	2.59769947	2.53653496
2.33233389	2.44358829	2.53880557	2.61928158	2.63910362	2.67418831	2.61370018	2.54184665
8.31727353	8.23179866	8.26170902	8.37901845	8.43970386	8.44055938	8.2591682	7.69151679
98.3293442	99.3118066	101.1893	96.4057428	101.455536	105.63478	105.820077	106.207119
432.486357	439.389918	445.72728	444.258471	458.603303	461.942488	465.060716	470.376024
13.1021242	13.1781115	12.6189097	12.7275247	13.0158738	13.2438284	13.4380314	13.3976166
17.6766672	18.2138824	18.706906	18.5496473	18.7485073	19.6075422	20.6827941	21.6682238
4.49995567	4.62686606	4.70601662	4.61485611	4.48144992	4.22194035	4.07349696	4.02446819
0.37907314	0.34871199	0.3566049	0.34125659	0.34241577	0.35115652	0.35594496	0.3467646
0.75078822	0.74520545	0.72421065	0.76555312	0.80618645	0.82896945	0.83810646	0.87364692
27.2127776	27.3799491	27.286903	27.4590381	25.7978132	28.3781803	28.4344372	28.1381668
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66.6216741	63.8612765	61.6323325	60.9139154	60.9358288	61.3544094	61.2863224	60.1702483
32.739203	33.0510811	32.8606503	33.2157008	33.6242534	34.428631	34.6837389	34.764521
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0.00161241	0.00160672	0.0016119	0.00163573	0.00165237	0.00166919	0.00168617	0.00170332
0.01437821	0.0141534	0.01388966	0.01399575	0.01346299	0.01348879	0.01324101	0.01315556
21.7975493	21.1532494	20.6024116	20.4458384	21.8861837	22.5508487	23.0966616	22.6470867
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5.519819	5.99208824	6.07791597	6.05426609	5.86152511	5.74632106	5.82078118	5.78499221
0.17742268	0.19363774	0.19226179	0.19053248	0.18028624	0.17880191	0.18192645	0.19066953
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0.48288647	0.48462208	0.48521807	0.48127074	0.48909751	0.49662036	0.49823989	0.49741795
3.86867736	3.88627344	3.8869367	3.93794877	4.02636792	4.11981374	4.1798211	4.22552629
0.00110514	0.00110514	0.00110514	0.00110514	0.00098235	0.00098235	0.00098235	0.00110514
7.2706677	7.64866855	7.30912826	5.52838685	5.86011745	5.49903483	5.98395203	6.72301026
2.85620873	2.8713155	2.86895291	2.90849317	2.9706065	3.02951603	3.05117236	3.07304044
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9.5199E-05	9.4606E-05	9.4003E-05	9.5026E-05	9.6119E-05	9.9172E-05	0.00010068	0.00010102
55.4956401	58.0591154	60.6925465	62.2374158	63.1521144	64.090883	66.8514808	67.8912234
1.64670054	1.63162686	1.6371892	1.62457932	1.61133277	1.61026404	1.59794133	1.572187
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50.1310834	53.0431544	53.364256	51.6341134	52.2588413	51.7226683	52.1831959	51.836902
8.19191553	8.19201949	7.98357213	8.04695034	8.18000319	7.96697338	7.83779126	7.83949485
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3.30654525	3.39168401	3.62229369	3.7230632	3.33452541	3.17298852	3.36193925	3.45481347

0.09104713	0.09087471	0.09885931	0.09305823	0.08416615	0.08731736	0.090091	0.08394567
0.05770443	0.06128031	0.05896014	0.06198958	0.05768731	0.06011705	0.06681794	0.0709098
1.23068713	1.21742808	1.24897368	1.30806773	1.3402341	1.4427194	1.57391771	1.57174523
9.26079522	9.00570244	8.8606109	8.44312744	8.19075523	7.70229128	7.89628315	7.71840836
4.07731806	4.26495514	3.51388781	3.16412962	3.035904	3.1212257	3.11883256	3.31933013
0.19668352	0.18155044	0.18632014	0.17802588	0.22111028	0.22624774	0.23363699	0.23530138
8.2556276	8.55907222	8.96365458	9.37662516	9.85586184	6.98586558	5.91176192	5.98376061
21.2474821	22.5682593	23.0386188	23.4098174	23.9091213	24.297907	24.7892521	24.8748357
4.58374215	4.02865804	4.12477723	4.18989082	3.74860836	4.09080412	4.101821	3.6216213
14.3582652	15.0802423	15.2064823	15.4491354	15.9071984	16.0074404	15.8459313	15.9590905
2.86813113	2.92430479	3.00565031	3.02474455	2.99086469	2.99617353	2.9624628	2.95247315
21.9906555	22.578248	22.6377701	22.0106118	22.6981447	22.9786295	22.9472279	22.3910003
31.1266303	33.0439124	33.1726741	33.1948327	32.9168939	33.4079658	33.4274656	34.1528428
0.2878614	0.31322452	0.33530746	0.34306915	0.35633007	0.3535927	0.37716957	0.38142574
73.1605958	71.2474213	73.1424601	73.8572484	74.7901235	75.4610898	74.5997472	82.5973577
3.01429016	2.94327286	3.01649012	3.0277873	3.03488679	2.99669608	2.96744742	2.94254147
10.4320232	9.91243374	10.7757271	11.0656804	10.6842796	11.2872314	10.9296497	10.6656703
45.4781102	43.6607368	43.0789066	40.8846609	39.5811809	39.8602977	40.915906	40.5638683

0.32895274	0.32422379	0.3241647	0.31932481	0.31966272	0.31800742	0.31674296	0.31654919
36.0626806	35.182611	32.9058007	33.3776038	32.0408785	32.4802652	32.4802154	32.1984932
0.94660102	0.87325365	0.90025659	0.97046038	1.0390629	1.06646838	1.07835227	1.10182264
8.67850476	8.52901241	8.65369354	8.28635977	8.29182366	8.23964912	8.26201868	8.25601655
5.23845809	5.59132396	5.65698055	5.71316949	5.53646888	4.94252921	4.98758323	5.07252663
9.87474561	9.99966961	10.9435313	11.4972506	11.8439971	12.2760344	12.7561356	12.8232261
0.02253969	0.02425295	0.02996595	0.02842658	0.02612819	0.02786346	0.0316017	0.03106761
0.04045999	0.04065703	0.03949547	0.02352447	0.02677585	0.03132055	0.04480028	0.06400192
0.03893118	0.03835965	0.0412535	0.04219983	0.04061625	0.04023848	0.04006045	0.04097501
20.1866106	20.1605442	20.6927939	20.6974912	20.7905685	22.6024712	23.4354401	22.2294072
160.954602	162.195628	161.872642	163.852701	166.920839	170.703338	172.640769	173.857251
0.74647631	0.77206663	0.76847599	0.78842304	0.80578696	0.78357633	0.82376948	0.79942577
1.7252142	1.77581013	1.71021339	2.00675599	2.29337848	2.3880374	2.37063749	2.5173429
9.18338462	9.10594935	9.2016949	9.2147294	9.06600647	9.13859395	8.92093257	8.66696844
27.6156875	29.1136734	30.6907559	32.2625991	32.1252948	32.8017965	32.8567617	30.627323
3.44292055	3.13375035	3.21275285	3.26511666	3.01290137	3.07411285	3.34163789	3.58223511
0.13660428	0.12103799	0.11006324	0.09894373	0.0990144	0.09756819	0.08351003	0.06515782
0.00223114	0.0022405	0.00218586	0.00229481	0.00227772	0.00191633	0.00191278	0.00190924
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85.5490584	87.6617374	88.0477201	86.7718457	91.3536372	90.5842018	91.2291117	85.8573727
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1.69475577	1.85168501	1.82094589	1.89126401	1.98262898	2.09200771	2.18986729	2.13075287
35.4238165	36.2670251	38.1147127	38.3734438	36.6968888	36.5426666	32.3049591	32.9063726
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13.4688336	13.6076074	14.1360643	14.5004178	14.4323577	13.7889919	13.9341828	14.2338995
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21.637836	23.9471716	24.3111282	23.9699939	21.2519757	20.2120884	20.8536768	20.9584964
245.359967	253.11155	259.541473	256.601786	249.448797	249.838808	243.126286	236.574705
16.7910466	17.0171628	16.886756	17.0694608	17.2990851	17.7068325	17.7765092	17.7188482
0.01533356	0.01561104	0.01606152	0.01638659	0.01712083	0.01797089	0.01710095	0.0163013
19.123641	19.6913427	20.3960284	20.8201708	20.9501869	21.429013	22.1418885	22.8328421
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61.1379546	61.6741923	61.8126199	62.1121901	60.9969138	61.4465971	61.479173	60.9824974
0.19415951	0.19153524	0.19020347	0.19458956	0.19936216	0.19991847	0.20743627	0.21499427
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2.10553449	2.12618147	2.16387816	2.1928378	2.22101197	2.24734101	2.27331816	2.2974105
25.0831719	24.1367935	23.7024886	24.1381986	24.2803374	24.0091276	22.9098909	22.8475921
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8.9104E-08	1.2801E-07	5.7939E-08	5.1021E-08	3.2728E-08	2.2539E-08	3.7326E-08	5.4074E-08
0.19812112	0.19547677	0.20046068	0.20716795	0.21473686	0.22268043	0.23099597	0.24047419
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0.16687569	0.16366298	0.17239131	0.16620446	0.19357473	0.20431641	0.19902814	0.16175516
0.12435609	0.12727967	0.12240238	0.11856574	0.11575319	0.11575178	0.11857173	0.11666481
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0.60616727	0.61341239	0.62519929	0.61928955	0.613518	0.61131706	0.61029914	0.61186998
0.63290693	0.65411331	0.72263388	0.78471891	0.75551789	0.8290881	0.86121456	0.86284394
0.05979428	0.06255534	0.0617287	0.06099599	0.06016259	0.0612948	0.06299614	0.06218078
0.50107852	0.51620941	0.52502345	0.55084608	0.56763114	0.58896065	0.60334425	0.62355415
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0.88559199	0.90910537	0.92703172	0.93199242	0.95470809	0.98578357	0.99789695	1.01076856
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0.00249886	0.00239689	0.00262559	0.00237788	0.00204313	0.00193493	0.00193105	0.00196473
0.11073589	0.10396593	0.11029301	0.16550154	0.19137713	0.16969005	0.17160107	0.14995198
0.62471263	0.63416069	0.61390656	0.59949349	0.58244207	0.58708921	0.59954782	0.58236494
0.00355116	0.00395818	0.00424109	0.00421517	0.00518829	0.00581681	0.00608171	0.00619386
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6.89488456	6.71395682	6.51459788	5.86039297	5.51556445	5.4729021	5.0372751	4.59803165
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0.89668527	0.88045383	0.88123649	0.90418019	0.89262349	0.89055457	0.89236332	0.94630368
0.12249369	0.12680445	0.11547061	0.11581579	0.13524242	0.13123457	0.14519496	0.14389049
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89.6426364	88.5934834	91.1547031	93.0175045	95.0898716	97.8725397	99.0966781	101.643282
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0.95599367	0.9799942	1.00400483	1.02932991	1.05609566	1.08374283	1.11235464	1.14216245
1.84670246	1.92105902	1.98066851	2.04167432	2.11138408	2.17995722	2.25163931	2.32501117
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0.34814504	0.35446652	0.36082819	0.36722483	0.37393885	0.38057734	0.38759371	0.39480836
0.15927489	0.14953745	0.15863788	0.23804604	0.2752637	0.2440705	0.24681918	0.21568062
0.47020669	0.48039871	0.42704416	0.43168748	0.43753713	0.43899027	0.44194979	0.38994064
0.82258034	0.81785476	0.8574025	0.88716711	0.8927572	0.93978496	1.0543814	0.96878649
10.1419042	10.315683	10.5030652	10.688115	10.8708869	11.0530929	11.230618	11.404947
26.0470528	26.4131528	26.8715699	27.2707176	28.0739055	29.249873	29.3856003	29.5628921
0.44005656	0.39298307	0.44762524	0.46815836	0.50140303	0.44224106	0.47260682	0.49896423
0.12739615	0.11685974	0.12879181	0.14230716	0.17432507	0.18667371	0.20877162	0.1855383
0.01651264	0.01669897	0.01538082	0.01391428	0.014551	0.01308247	0.0145208	0.01826052
0.00110757	0.00133098	0.00139655	0.00144751	0.00143178	0.00121326	0.00092673	0.00102347
0.00721228	0.00730732	0.00818828	0.00734188	0.00764901	0.00758645	0.00636263	0.01020171
0.44486247	0.47167032	0.44182644	0.42291712	0.40805772	0.42499337	0.40442263	0.44320729
0.02021626	0.02025453	0.02036079	0.02059919	0.02060373	0.02040767	0.02072534	0.02070811
0.00232087	0.00259044	0.00282924	0.00324612	0.0033023	0.00316631	0.00298846	0.00303612
0.69163939	0.6127801	0.63163621	0.51931661	0.5225101	0.55754965	0.52676165	0.53110057
0.1136613	0.1208151	0.12550542	0.12938563	0.12844836	0.13565463	0.13890866	0.13494333
1.13198137	1.17384644	1.21841721	1.26484478	1.31281976	1.36259731	1.41312844	1.46470446
0.01639911	0.01736954	0.01779445	0.01811251	0.01825239	0.01886084	0.01901728	0.01894221
0.3809166	0.37895058	0.37166253	0.37276244	0.38234195	0.38322712	0.40305512	0.41108238
8.71E-05	0.00010784	0.00010338	0.00010298	0.00010813	9.0146E-05	9.8114E-05	9.725E-05
1.7206E-05	1.36E-05	1.4365E-05	1.2825E-05	1.3808E-05	1.4013E-05	1.4114E-05	1.2218E-05
2.77474704	2.96134636	3.05415367	2.94557456	3.11711914	3.50195681	3.79156143	3.9816558
0.01510144	0.01348607	0.01144876	0.00868379	0.0086366	0.01397129	0.01214193	0.01506692
0.1730586	0.17640231	0.17500051	0.17668671	0.18219956	0.18013657	0.18873126	0.19217573
0.03840495	0.03801533	0.0380628	0.0373488	0.03805272	0.03817495	0.03865993	0.03892638
0.26875457	0.28018223	0.24689864	0.26140782	0.22198283	0.23265704	0.2468844	0.32389465
0.04637895	0.04636744	0.04623425	0.04559751	0.04539516	0.04553987	0.04586363	0.04568704
0.00041058	0.00045953	0.00049247	0.00049615	0.00044663	0.00045191	0.00048339	0.0004848
0.92265272	0.93911041	0.95636461	0.99082759	0.99732752	1.07091621	1.08592861	1.10327588
0.24346645	0.2492569	0.25489768	0.25581684	0.26401957	0.26664252	0.27179902	0.27648351
0.3495602	0.35434939	0.34905072	0.3465851	0.3358235	0.34422608	0.35129416	0.3363739
0.00989902	0.00974465	0.01293325	0.01552571	0.01180613	0.00664053	0.00931063	0.00732156
0.4600302	0.46530297	0.47085734	0.47921201	0.46277762	0.48568063	0.49490386	0.46459954
0.00076733	0.00094261	0.00080163	0.00082386	0.00101402	0.00098442	0.00092053	0.00086118
0.27206703	0.27785537	0.28441704	0.29170194	0.29887543	0.30591672	0.31307151	0.31957535
0.36681475	0.37297	0.35881417	0.34811363	0.33937718	0.33938929	0.34613141	0.33920792
0.40896953	0.42172386	0.44321491	0.45861403	0.4718925	0.48559733	0.49958425	0.51395639
0.00035843	0.00036371	0.00036932	0.00037672	0.00038986	0.0004056	0.00043692	0.00043662
1.91633159	1.9394428	1.94993644	1.96305196	1.9666513	1.97504256	1.98618199	1.99320522
0.01400666	0.01315035	0.01395064	0.02093381	0.02420674	0.02146361	0.02170533	0.01896699
0.34747208	0.35646704	0.36764049	0.37775877	0.39631872	0.41950464	0.43669875	0.42998933
0.00028112	0.00026432	0.00024584	0.00021056	0.00020412	0.00030688	0.00017192	0.0002282
2.34959249	2.38543889	2.42505515	2.46810024	2.51472579	2.56056044	2.74605892	2.77720013



0.06607021	0.06744091	0.07134489	0.06442955	0.04628658	0.04376902	0.08750727	0.16818722
1.39714537	1.40492314	1.40037813	1.39951246	1.39936882	1.39577029	1.38898578	1.37385276
0.10737899	0.10879161	0.11113278	0.1157919	0.1176936	0.12258375	0.12607834	0.12751395
0.00069381	0.00070585	0.00075267	0.00073215	0.00067951	0.00068694	0.00075054	0.00076993
0.00724698	0.007039	0.00689865	0.00678172	0.0067166	0.00666056	0.00688283	0.00736359
0.42856589	0.43894536	0.45859913	0.46897699	0.47443691	0.48082091	0.49943372	0.52948861
0.19858941	0.19261564	0.19012683	0.18670239	0.18182375	0.17719905	0.17216486	0.16753502
0.06105485	0.06276174	0.06469597	0.06750535	0.06980373	0.07171615	0.0744081	0.07545902
0.00186087	0.00224051	0.00188218	0.00138043	0.00134013	0.00124546	0.00651322	0.00634357
0.28635852	0.29417506	0.30279026	0.31164218	0.32885194	0.33062921	0.34073239	0.38916427
12.8270406	13.1936632	13.5743118	13.9727722	14.38253	14.7979056	15.2153115	15.6389696
0.21914916	0.22700919	0.23262695	0.23864124	0.24663565	0.25252896	0.2598573	0.26420772
0.14492864	0.13987538	0.12900819	0.11336229	0.11580943	0.11777778	0.14393304	0.14542825
0.15249322	0.16595167	0.16415502	0.16331134	0.16245095	0.16691585	0.17263507	0.17252157
1.65478017	1.68706589	1.7199081	1.75352907	1.78814168	1.82327193	1.85894441	1.89560463
0.08495397	0.09067442	0.09198048	0.08706661	0.08964214	0.08153318	0.07404803	0.06822051
0.00250479	0.00278364	0.00254116	0.00263797	0.0031981	0.00397231	0.00451329	0.00397035
4.30972538	4.43680884	4.55460195	4.68705012	4.82201774	4.96472353	5.10547844	5.25698897
0.10213466	0.10285524	0.10329966	0.10344068	0.10356944	0.10371544	0.10429583	0.10510529
1.01344831	1.00157401	1.01193793	1.04820698	1.05612521	1.0683299	1.07091673	1.01124748
2.40672841	2.45816012	2.48948543	2.52163291	2.5540156	2.58528192	2.61747279	2.65158397
0.00235019	0.00235019	0.00238562	0.00236854	0.00245888	0.00271939	0.00220052	0.00239878
0.16974409	0.17720843	0.18373399	0.18561407	0.18954486	0.18872031	0.196596	0.19808202
4.40116408	4.84517135	4.72373696	5.20677155	4.50537136	4.50415927	4.98368254	5.47263243
0.00595403	0.00466422	0.00477238	0.0043333	0.00588522	0.0057633	0.00538675	0.00554632
1.62802208	1.7299519	1.90200205	1.92027469	1.99875294	2.03758116	2.15559649	2.12299971
0.11372169	0.12311969	0.1255727	0.12585076	0.12525845	0.12708734	0.13447956	0.13689077
0.3081956	0.31318756	0.31868819	0.32390519	0.32994309	0.33556972	0.34185315	0.38984409
0.00029493	0.00034517	0.00040436	0.00049804	0.00064869	0.00071879	0.0006329	0.00057135
0.00041633	0.00165054	0.00124354	0.00153539	0.00136837	0.00141792	0.00183732	0.00157164
0.0124294	0.0122639	0.01284681	0.01341902	0.0141056	0.01478994	0.01493024	0.01368435
1.27130528	1.2145219	1.22680998	1.06828406	1.47983816	1.1037374	1.22873876	1.04626061
14.1772962	14.3949065	14.0688557	13.863626	13.449351	13.6864358	13.9832518	13.4788136
0.74798767	0.7750472	0.80230862	0.83158452	0.86235496	0.92036228	0.9537767	0.95910341
0.00372341	0.0063041	0.00523512	0.00664126	0.00658437	0.00638841	0.00536649	0.00692047
0.28711116	0.26955831	0.28596287	0.42910513	0.49619421	0.43996492	0.44491973	0.38878892
0.88491433	0.90909798	0.93377074	0.95833125	1.0020531	1.00658302	1.02913444	1.04962246
0.16605269	0.16725837	0.16862847	0.16984188	0.17105232	0.17231276	0.17362342	0.17508337
0.00385372	0.00268019	0.00275419	0.00275835	0.00266003	0.0027449	0.00317395	0.00279454
2.2798E-07	1.4045E-07	8.7584E-08	1.9704E-07	3.3838E-07	1.4785E-07	1.9253E-07	3.5072E-07
0.00329501	0.0034787	0.00367676	0.00383142	0.00402676	0.00411537	0.00445403	0.00456741
0.58083653	0.57536146	0.56278511	0.55998803	0.56809471	0.56006833	0.57544442	0.58099875
0.48208523	0.44493983	0.45082473	0.45662802	0.4687402	0.47485312	0.47998065	0.36451362
0.53742049	0.56974581	0.58886258	0.61582939	0.65643158	0.67476395	0.68942529	0.70255364
6.9277E-05	6.347E-05	6.7534E-05	6.035E-05	6.2427E-05	6.2311E-05	6.0273E-05	6.8518E-05
0.00693994	0.00695849	0.00780653	0.00763929	0.00796174	0.00843253	0.00850114	0.00863926
0.00380454	0.00402929	0.00321925	0.00316732	0.00291788	0.00300876	0.00266627	0.0025945
0.41310843	0.19155089	0.19491713	0.21170596	0.21300078	0.21541552	0.21109211	0.18821057
0.06530588	0.06131334	0.06504469	0.09760362	0.1128636	0.10007377	0.10120079	0.08843335
0.30010105	0.33766844	0.39189608	0.37583225	0.34618147	0.38294608	0.440751	0.44137222
0.21642447	0.22374079	0.2297972	0.22402249	0.21562248	0.21282977	0.20991496	0.20851536

0.0008049	0.00079553	0.00075736	0.00076956	0.0008639	0.0008599	0.00088362	0.00083575
0.00617648	0.00521539	0.00595343	0.00946868	0.01350882	0.01597557	0.01000129	0.0157268
1.549E-05	1.5928E-05	1.6918E-05	1.8567E-05	1.819E-05	1.8727E-05	2.1613E-05	2.2691E-05
0.46603423	0.48316058	0.49762161	0.51021185	0.50670309	0.51653628	0.51161685	0.52932481
0.1456173	0.14939842	0.15363768	0.1583582	0.16300194	0.16818514	0.17325342	0.17910855
1.66471182	1.64454735	1.66905802	1.69303602	0.99215709	1.11341642	1.31134514	1.43216263
0.2935546	0.29851369	0.28424326	0.27303016	0.26610146	0.26364755	0.26939789	0.26569379
0.17992985	0.18621108	0.18105291	0.17672712	0.1745307	0.1750796	0.17856436	0.17762775
0.00710266	0.00721525	0.00730909	0.0073856	0.00754228	0.00751761	0.00783371	0.00791001
0.00011614	0.00012392	0.00012948	0.00012905	0.00013103	0.00011941	0.00012241	0.00010636
0.00562286	0.00556571	0.00552191	0.00554691	0.00560932	0.00564564	0.0057303	0.00579615
0.13808199	0.14179324	0.14554942	0.14945948	0.15330226	0.15657237	0.16145327	0.1666287
3.17356023	3.35520181	3.35178764	3.6120175	3.73009613	3.66936892	3.75479519	3.82551144
0.04991383	0.04744068	0.05115175	0.04509887	0.05093868	0.05005593	0.04453738	0.0438853
1.34446696	1.38761689	1.43012983	1.47358838	1.5217574	1.57101143	1.62227545	1.67695133
1.33277553	1.40986513	1.4337083	1.4459191	1.45769305	1.48630518	1.52026409	1.54844334
3.58296804	3.63912469	3.47074733	3.34043412	3.24829809	3.22802487	3.30200895	3.24236288
0.12305171	0.12403428	0.12450441	0.12487023	0.12363178	0.12048456	0.12818294	0.12800384
14.1274843	12.8729233	13.0791351	13.2483546	14.0479235	14.1141213	13.7238307	13.3418629
0.64506447	0.66792499	0.64523718	0.62615744	0.61562049	0.61624837	0.63245366	0.62816133
0.00051174	0.00055602	0.00058986	0.00057396	0.00049995	0.00049284	0.00050781	0.00050494
0.08248779	0.08425364	0.08843933	0.09000725	0.09244683	0.09417254	0.09883363	0.09817982
3.4738E-05	3.6604E-05	4.32E-05	4.7601E-05	4.1856E-05	4.2526E-05	4.4708E-05	4.3198E-05
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0.00090211	0.000944	0.0009106	0.00091658	0.00093557	0.00090783	0.00095393	0.00093435
0.00237105	0.0024318	0.00243435	0.00246983	0.00252107	0.00250504	0.00258601	0.00257765
0.00782135	0.00840736	0.00837994	0.00917052	0.00938003	0.00968471	0.01061638	0.01010134
2.27054366	2.16985935	2.03866631	2.05889116	2.07776979	2.22890843	2.32628896	2.26868235
0.61959907	0.64367907	0.66199398	0.68415635	0.70507481	0.72829659	0.74879344	0.77503045
1.29338152	1.32957203	1.33969263	1.38785561	1.42843363	1.46285469	1.52246517	1.56282131
0.0001837	0.0001358	0.00013139	0.00013247	0.00012329	0.00014126	0.00014695	0.0001483
0.28866744	0.32503714	0.32107164	0.31611855	0.32758969	0.34351075	0.42229611	0.43008419
4.99251778	5.113834	4.6754832	4.51128785	5.76317312	6.47558749	7.00892634	8.17214642
1.27059411	1.26959821	1.22229013	1.64079998	1.89090135	1.51872481	1.5204924	1.52545276
0.212609	0.22813183	0.20844401	0.18861147	0.19179787	0.15988952	0.06884819	0.06689712
17.0244708	15.939325	14.0996094	12.0264967	11.1392767	10.960356	11.1304817	12.5979531
9.1585257	9.2874109	9.16295281	9.10399412	9.3550961	9.3039145	9.03419497	8.69691836
0.15375914	0.16172709	0.17052349	0.18037195	0.19115542	0.20223284	0.21345998	0.22484841
2.7792E-05	3.3059E-05	2.306E-05	3.5197E-05	1.7553E-05	1.5745E-05	4.0663E-06	1.6079E-06
22.8478708	21.4063254	25.1498822	25.2911832	28.2908949	30.8757313	27.5095866	29.8500191
1.26963242	1.26583616	1.26103798	1.31189438	1.25742912	1.23817719	1.26737387	1.24147815
1.45159765	1.48602031	1.50758923	1.54611247	1.58260425	1.6218932	1.63631142	1.71612684
0.037496	0.04024602	0.04035115	0.04170107	0.0423804	0.04373842	0.04469512	0.04646942
4.89425676	5.0819216	5.04834362	5.08849328	4.7703649	5.02570634	5.05470651	4.54298811
0.35179437	0.35500069	0.56852554	0.58806787	0.39530742	0.41752597	0.42962594	0.43810578
0.06719504	0.07253129	0.07478421	0.07466465	0.07682495	0.08012188	0.08295319	0.08545035
0.1048436	0.12462976	0.13464353	0.35802492	0.39278373	0.40795281	0.45242201	0.47880961
2.42489915	2.52436572	2.39092267	2.53719474	2.47293199	2.48984939	2.23552406	2.44297156
15.1601558	14.9087358	14.4914536	13.6518025	12.9979527	12.8554206	13.1228891	13.9703127
0.00069975	0.00063562	0.00061489	0.00060019	0.00083059	0.00088372	0.00088513	0.00088933
2.13778878	2.11086133	2.49595782	2.73199441	3.04851444	3.25444366	3.39826088	3.44527744

2.01143254	2.05482106	2.07727935	2.1217578	2.16120289	2.20222763	2.20931475	2.30672372
0.00081664	0.00056972	0.00056397	0.00055718	0.00053746	0.00063377	0.00070618	0.00071657
3.7718E-05	4.4866E-05	3.044E-05	3.6233E-05	3.2473E-05	2.5764E-05	6.4691E-06	2.3689E-06
13.4108936	12.1477764	10.0129531	10.9004123	10.0015703	9.55286226	9.11295805	8.24343283
19.8182105	21.8156174	20.9451007	21.5109599	23.9400776	29.2011755	30.5021666	31.1732878
0.0495171	0.05415667	0.0472242	0.05086998	0.04857613	0.07643767	0.05142817	0.0352716
1.84587239	1.92476545	1.50761497	1.47530618	1.5282283	1.47389073	1.39185712	1.41810995
0.00611755	0.00609772	0.00606093	0.00590253	0.00583709	0.00586592	0.00642572	0.00654131
0.1533324	0.16095489	0.16612635	0.18148114	0.17416957	0.17451452	0.19430821	0.21796808
0.00563629	0.00606645	0.00632116	0.00651726	0.00670814	0.00691615	0.00728795	0.00756805
39.041256	37.6127989	36.7021801	35.5287147	35.1159087	37.7910381	39.0510131	39.5309294
0.11916595	0.12481758	0.12923369	0.13257594	0.13656041	0.1406155	0.14857492	0.15282878
5.20843774	7.5812824	9.23523928	9.58300415	8.7613123	8.64590061	8.27345092	7.39953559
185.264971	181.74668	179.393206	188.607476	198.765273	215.73545	222.029634	226.099514
1.16564549	1.25279192	1.6019169	1.741368	2.51956949	2.7656441	2.85240106	2.46298571
2.62918586	4.54418457	6.72386381	8.37881693	8.75748623	10.3401956	14.0852578	13.4904244
4.44544438	3.97271711	3.99992239	4.51422318	4.86768412	6.08051208	6.26935941	6.11433546
2.60498277	3.09649593	3.89661495	4.16907739	4.10649793	5.59807008	5.55685123	5.51670601
3.7557E-09							
2.65996247	2.57333708	2.62942668	2.78414175	2.91814989	3.2032208	3.43768085	4.83170787
0.00377725	0.00404313	0.00421204	0.00429576	0.00438468	0.00449545	0.00474166	0.0049748
0.0029566	0.00281191	0.00285774	0.00289442	0.00288015	0.00296904	0.00309253	0.00323835
0.01607394	0.01676519	0.01664649	0.01593008	0.01493025	0.01545939	0.01541486	0.01699187
0.50232154	0.47959606	0.55529585	0.62519616	0.68966172	0.78578747	0.84986951	0.88375843
1.1415E-05	1.4168E-05	1.153E-05	1.3975E-05	1.2726E-05	1.1093E-05	2.9573E-06	1.2221E-06
0.0074695	0.00786198	0.00722206	0.00713564	0.00754417	0.00753903	0.0065927	0.00755472
7.30566357	6.99882426	7.01370669	7.09505242	7.1181566	7.11810483	7.02921979	6.99494334
52.7274776	53.5315219	52.6261229	51.0493576	46.1913993	42.8985785	44.531486	41.793909
0.00297894	0.00337234	0.00365242	0.00390512	0.00417548	0.00455926	0.00511067	0.00577717
0.00057395	0.00039059	0.00036499	0.00034803	0.00032145	0.00036232	0.00039319	0.000382
0.03083354	0.0269138	0.02849226	0.03548242	0.04829507	0.06255091	0.08726682	0.11629625
0.59045899	0.59706453	0.61093613	0.62168538	0.59201015	0.56304702	0.53348372	0.50564575
47.5757656	42.8683434	39.3795284	38.9571973	38.8160843	40.8494614	42.0247888	43.5266487
3.99207863	3.92599969	4.05334213	4.02654515	4.54956175	4.95022397	5.37320863	5.5859157
13.8119116	15.3643025	15.7203769	16.9970358	18.2271877	20.3494669	21.804301	20.3316545
0.20516592	0.20462959	0.20834067	0.21465234	0.21874425	0.22204433	0.22616683	0.23074598
3.91983974	4.19666459	4.62360381	5.13360798	4.99824052	4.8235376	4.9417106	4.82831367
0.00710567	0.00766314	0.00827633	0.00897259	0.00949797	0.00999982	0.01054988	0.01106548
1.30076252	1.29887111	1.32136008	1.36181909	1.38819193	1.41110237	1.43871204	1.4683334
0.02829728	0.02877032	0.02873095	0.02698446	0.03038481	0.02868827	0.03070656	0.03244733
0.00216594	0.00216639	0.00217269	0.00220096	0.00226125	0.00224415	0.00242584	0.00237343
0.00012591	8.9178E-05	8.7276E-05	8.3233E-05	7.713E-05	8.9036E-05	9.7302E-05	9.6895E-05
14.8263346	14.4027801	14.1987513	13.1041632	12.2823865	12.0002176	11.0723363	10.6890005
9.63977288	8.79549035	7.59126838	7.83658899	7.88782839	7.95218305	8.64279894	8.34224335
47.2030905	48.7887561	48.7135978	46.8017797	45.1684469	17.727696	34.0626606	40.3120912
0.12589765	0.12707278	0.12787297	0.13059008	0.13398537	0.13748409	0.13932985	0.14514968
0.9240302	0.78832467	0.80023752	0.814078	0.82364515	0.9032743	0.94789755	0.98912636
0.03636231	0.03816854	0.03991488	0.04081916	0.0427266	0.04442133	0.04881134	0.05049972
0.00182572	0.00125642	0.00128763	0.00131791	0.00131484	0.0016103	0.001817	0.00186269
0.005495	0.00617467	0.00626383	0.00624618	0.00657741	0.00678077	0.00718501	0.00762187
0.00881312	0.01030265	0.01015299	0.01022813	0.01048496	0.01036196	0.01065431	0.01105632

0.00950781	0.01884972	0.00934149	0.01234472	0.01223384	0.01212296	0.01501489	0.01487629
2.15107681	2.16602998	2.31911654	2.37459298	2.4787071	2.57300626	2.70314199	2.8063769
2.9777E-06	3.542E-06	3.6897E-06	4.1409E-06	3.5106E-06	2.8627E-06	7.3932E-07	3.3341E-07
0.27747613	0.11054752	0.10970595	0.12303662	0.13277901	0.11555227	0.10195633	0.11979941
0.00196593	0.00132906	0.00140614	0.00149122	0.00155096	0.0019354	0.00228493	0.00244913
0.00633868	0.00942465	0.0124556	0.01543069	0.00611692	0.00303053	0.00600604	0.0059506
0.00626527	0.00742695	0.00884327	0.01044357	0.01224697	0.01425802	0.01652061	0.01900814
0.02286911	0.02601553	0.02389044	0.02343033	0.02396385	0.02455259	0.02389345	0.02246947
0.53213785	0.54202122	0.54496826	0.55255543	0.56042898	0.55869558	0.58286962	0.59017022
1.69558997	1.68704301	1.74377279	1.76528332	1.79224592	1.77903253	1.76876692	1.87442649
3.04264235	3.02963328	3.0053986	3.03164968	2.94059789	2.8390395	2.77904192	2.637733
43.8098577	44.3738076	45.3345928	38.2197232	38.5835278	41.4466382	39.2078688	41.2634338
37.1283105	39.7222872	44.819286	47.0226216	49.7070133	52.3272362	54.781635	65.0612318
0.19857897	0.22245385	0.24168237	0.27045985	0.28018793	0.30206769	0.32211065	0.31188655
79.1699811	37.2484968	32.3939096	51.8336501	56.0061831	50.1796743	51.7805911	45.8591593
143.104469	109.711185	42.7240582	43.7391302	43.3502066	52.2888677	62.0493078	73.3299029
0.25697195	0.24415067	0.25109277	0.07215508	0.0687554	0.06415917	0.06265479	0.06481286
2.76513874	2.79392731	2.86476218	2.96186766	2.96789835	3.16398175	3.32666138	3.52774314
0.09723225	0.09807974	0.09616448	0.10115339	0.09942026	0.09591822	0.09984077	0.09841643
0.01318162	0.01430849	0.01752054	0.02032205	0.02043361	0.02103224	0.02008719	0.02546086
14.289957	14.6113494	14.7099804	14.6036867	14.1928161	14.1377984	13.9194029	13.6012786
38.6567359	37.1118028	35.5919094	35.2453162	34.3005387	37.8105051	33.0005635	33.6095302
2.69022137	2.77299199	2.85197333	2.93441204	3.01913463	3.10733194	3.19589893	3.28599038
0.54826966	0.55958338	0.56610774	0.57983398	0.59244255	0.60665136	0.60950451	0.64090598
0.02193077	0.0215761	0.02178503	0.02197367	0.02298521	0.02422537	0.02708691	0.02860424
0.00020345	0.00024241	0.00025341	0.00024204	0.0002498	0.00024762	0.00027391	0.00027694
3.9703E-06	4.7227E-06	3.6897E-06	4.1409E-06	3.5106E-06	2.8627E-06	7.3932E-07	2.4611E-07
8.62378431	8.83694287	9.45783699	9.57436037	9.48499628	10.2070718	10.7570281	11.5656107
33.2736599	22.3538096	15.2145462	11.181723	14.3752903	15.8077666	14.2224544	17.4941827
0.01410014	0.01400977	0.01378528	0.01351428	0.0137872	0.01372546	0.01474078	0.01498712
0.0150253	0.01882469	0.01503717	0.00479374	0.00492498	0.00701825	0.00605825	0.01015959
0.01620501	0.01800669	0.01905997	0.0199688	0.02090394	0.02209211	0.02392838	0.02585235
73.9930878	64.810373	41.6767955	41.5290125	39.86504	39.3392859	38.3210701	37.5184744
0.00053522	0.00038759	0.00038506	0.00036615	0.00034024	0.00039172	0.00042759	0.00041429
0.01136896	0.01520895	0.01395794	0.12034088	0.11940946	0.10226655	0.0851858	0.09702438
0.01295334	0.01418668	0.01481319	0.01515992	0.01614595	0.01626754	0.01707489	0.01793909
0.08708995	0.09090472	0.09325664	0.09552931	0.09686487	0.09722604	0.09798302	0.0992292
0.01272568	0.01292689	0.01289054	0.01287946	0.01308676	0.01347027	0.0142184	0.01482557
0.01934025	0.02050258	0.02195511	0.02380693	0.02538696	0.02678834	0.0282022	0.02963029
0.00288587	0.00348294	0.0034619	0.00332471	0.00326959	0.00298182	0.00311874	0.00227443
0.45669379	0.43593443	0.41655534	0.43482397	0.44492271	0.48643798	0.45871636	0.45326474
0.00430234	0.00343976	0.00281527	0.00253391	0.00258987	0.00265926	0.00265634	0.0025891
0.0313578	0.07626165	0.11809013	0.16328697	0.20356758	0.24928491	0.29362952	0.33784728
0.00061757	0.00058653	0.00059822	0.00058648	0.00059637	0.00057044	0.00063053	0.00063149
7.80381858	9.66655265	10.9498681	12.2877383	12.4445248	12.6498608	12.5181635	11.6043878
0.13347254	0.12779449	0.14724425	0.15979164	0.17817329	0.18941064	0.19664716	0.19980072
0.00118368	0.00134983	0.00147385	0.00175668	0.00149928	0.00178368	0.00181327	0.0018269
1.6658586	1.69616346	1.69007542	1.72859788	1.74825007	1.78711704	1.87204486	1.72685997
0.40389647	0.41324003	0.39102443	0.44955484	0.45490564	0.49628301	0.5363516	0.56631923

1.12075331	1.1191791	1.16182783	1.09368926	1.01705376	0.9953748	0.98010139	0.94500816
0.01480745	0.01600786	0.01670118	0.0175915	0.01811247	0.01935752	0.02063547	0.02153084
0.00210375	0.00149133	0.00152131	0.00148748	0.00142415	0.00170872	0.00185271	0.00208477
0.00950796	0.0094248	0.00934164	0.00925848	0.00917532	0.00909216	0.009009	0.00595056
0.07680873	0.08301499	0.08844726	0.09134453	0.0940691	0.09728199	0.10351212	0.11175477
4.77402464	4.67746421	4.45165609	5.03017103	5.89090002	6.96636771	7.01834186	7.93629089
0.006258	0.0067904	0.00711276	0.00740568	0.0077261	0.00804793	0.00855315	0.00889987
0.00035514	0.00033715	0.00038358	0.00038035	0.00038843	0.00040579	0.00042849	0.0004308
5.0315E-05	0.00071673	0.00106251	0.00157364	0.0043845	0.00505092	0.00507895	0.00418609
171.809171	154.081343	108.055669	97.8372863	93.8974232	104.857123	112.859779	110.786722
0.06715003	0.08620496	0.08607748	0.08495818	0.09299513	0.08825767	0.0910182	0.09341619
4.301335	4.2044292	4.0382901	3.83286183	4.20757236	4.69539024	4.99515068	5.30747121
0.84397962	0.95715035	0.99806937	0.98221157	1.0289137	1.02016502	1.05997095	1.08350181
0.01771606	0.01890802	0.02013729	0.02140386	0.02270772	0.02404888	0.02542734	0.02684311
0.43923866	0.4631022	0.4757984	0.54692599	0.58162215	0.63422835	0.68761215	0.74675002
7.34117759	7.07801081	8.04933191	8.20393017	9.50100651	10.4327233	12.5262963	14.0991964
2.77154784	2.89546062	3.02778901	3.39269216	3.54730473	4.05199288	6.27476361	7.18668301
0.02160633	0.01920508	0.01549188	0.01700567	0.01690088	0.01553834	0.01648849	0.01399852
4.79163947	4.91466828	4.90307251	4.94892193	4.41449808	4.74113123	4.51704748	4.28134182
3.90669304	3.70881153	3.56938219	3.83138178	4.18813742	4.31155913	4.33437973	4.36831304
0.12813655	0.12813655	0.13006786	0.12913659	0.13406212	0.148266	0.11997612	0.13078535
0.00436642	0.00479942	0.00484792	0.00480524	0.00482717	0.00493294	0.00528429	0.00522884
118.574608	109.467304	91.0587815	104.037559	102.657978	99.6814542	96.914717	94.9048005
0.00931159	0.00922337	0.00885441	0.00874981	0.00867998	0.00890577	0.00895667	0.00884496
14.1423838	15.051807	15.7208511	16.4391709	17.0673578	17.7282149	18.4300677	18.0618828
0.1172572	0.11608352	0.11960781	0.12023072	0.12530861	0.1273205	0.14526704	0.14837638
0.24918111	0.2586308	0.26525549	0.27154998	0.28050845	0.28627793	0.29498041	0.34293009
2.8168E-08							
10.3097772	9.71240436	8.43150098	6.90721736	6.20831137	8.29205382	6.37538462	6.56187431
0.0039258	0.00405944	0.00429806	0.00441121	0.00459486	0.0048198	0.00491966	0.00455921
12.3074586	11.9993027	12.1702723	12.0435799	12.4143177	12.4220812	12.2660272	11.9337556
151.372321	156.365413	159.670328	164.845527	169.300608	175.080416	177.80001	186.147584
2.00952998	2.03026104	2.06199819	2.11311479	2.14003317	2.23718698	2.28714233	2.35812192
59.7601441	64.0037443	63.5503045	42.911459	33.7961363	31.3504735	23.6337539	33.7254593
1.68757367	1.6669633	1.91044681	2.05584606	2.22684055	2.35794267	2.4581189	2.48654573
4.85005042	4.93597284	5.02621983	5.1100058	5.29522637	5.27026558	5.34013168	5.39745136
10.861528	9.68569154	8.60802351	7.61571195	7.33963428	7.44661929	7.00306117	7.60164497
0.91612036	0.91398622	0.91459336	0.91124765	0.90763849	0.90602168	0.90269841	0.90594896
0.25633347	0.28783479	0.33551595	0.33868322	0.33704792	0.31087967	0.27391915	0.296658
3.2288E-10	3.389E-10	1.7713E-05	1.8409E-05	2.1194E-05	2.4137E-05	2.542E-05	2.8231E-05
0.00068972	0.00071888	0.00072146	0.00072213	0.000718	0.00074675	0.00081765	0.00079739
0.04060794	0.04308092	0.04357007	0.04409637	0.04601264	0.04660968	0.05012695	0.05280287
0.01244416	0.01160806	0.01123432	0.01086135	0.01108466	0.01128877	0.01156309	0.04122074
0.08822724	0.09848715	0.09967342	0.09950268	0.10691839	0.10799273	0.1113006	0.11444058
9.9257E-06	1.1807E-05	9.2242E-06	9.3169E-06	8.7765E-06	7.1568E-06	1.6635E-06	7.9645E-07
0.00095468	0.00100526	0.00118646	0.00112336	0.00119725	0.00127108	0.00131199	0.00137099
0.05221189	0.05416374	0.04586972	0.04960319	0.04809984	0.035912	0.02293038	0.03211205
2.02688424	1.86564508	1.8532515	1.87036129	1.88597131	1.8977411	1.90065574	1.85602268
0.93578419	0.92552685	1.09982567	1.20703643	1.34734547	1.43937823	1.50688228	1.52675915
0.10167659	0.10685315	0.09826177	0.10008399	0.10128254	0.10562003	0.10855674	0.11252976
0.1220549	0.128524	0.12227118	0.1248706	0.09468843	0.10823735	0.12729685	0.13264678

4.7987E-06	5.9499E-06	3.0412E-06	1.3597E-06	2.9086E-06	2.538E-06	2.5201E-06	5.2616E-06
8.50920184	9.0024941	9.17771278	8.83241061	9.21848249	9.38033989	9.74944898	10.5500704
4.9143E-05	3.5083E-05	3.4199E-05	3.6237E-05	3.8995E-05	4.4868E-05	5.2885E-05	5.2634E-05
0.05583854	0.06141686	0.06344133	0.06394779	0.06225515	0.06324927	0.06235081	0.06568659
0.46101183	0.46982858	0.47642364	0.48761328	0.49852572	0.50916096	0.519519	0.53257512
9.51288014	9.62480689	9.47877356	9.216052	7.27374622	7.9014573	9.12088449	10.1912214
0.22312138	0.22937902	0.23424441	0.24174853	0.24911235	0.25708596	0.26203422	0.27646552
6.58676053	6.73512108	6.82707226	7.0031579	7.16735053	7.32289512	7.35550565	7.7204028

0.00026694	0.00025774	0.0002548	0.00024736	0.00024457	0.00024373	0.00025357	0.0002542
1.49841953	1.49974391	1.51950648	1.2934403	1.15427203	1.24012797	1.28679022	1.24272855
2.77795936	2.83410408	2.95821652	2.97259725	3.02298143	3.02581234	2.92503525	2.86633449
3.40842	3.29171749	3.61770895	3.7659349	3.86610557	4.22460005	4.77907574	5.08212573
1.63868008	1.59617664	1.49935516	1.50924048	1.47596558	1.37268822	1.29301727	1.2242815
1.00858634	1.03249219	1.05571037	1.07873834	1.10838409	1.13334421	1.16316323	1.18775724
1.5529668	1.6210656	1.64724252	1.64800944	1.6515576	1.6972032	1.753752	1.79409384
46.9137458	47.9316072	48.2701362	49.1944745	49.9539758	50.8482159	50.8947262	53.1172311
0.01466661	0.0147898	0.01401329	0.0133128	0.01041607	0.01324239	0.01507353	0.01477603
390.686522	397.029224	387.079432	384.193545	358.29161	371.657331	371.45163	367.171588
4.45831963	4.56438903	4.63272393	4.75742908	4.87281239	5.00049419	5.04216235	5.30400556
0.00045877	0.00032874	0.00032296	0.00031153	0.00028651	0.00033325	0.0003696	0.00037232
18.5992806	17.3787233	16.965899	15.5917057	14.9484293	15.1285973	14.1607169	15.0039492
3.2371E-05	2.505E-05	2.502E-05	2.5473E-05	2.5561E-05	2.797E-05	2.9505E-05	2.9139E-05
3.2255954	3.11108442	3.48663664	3.63089678	3.65696327	3.09804393	3.38502818	3.64281151
0.00030591	0.00032043	0.0003268	0.00031119	0.00031257	0.00031115	0.00033493	0.00034785
0.00050124	0.00048726	0.00048718	0.00047089	0.00046609	0.00046477	0.00048852	0.0004837
0.1450974	0.16240155	0.16157522	0.16689665	0.17606357	0.18108608	0.18210995	0.37140922
22.6964742	24.8248535	27.2942896	29.2570696	30.4868053	33.7863163	35.6769022	36.1317338
1.4269629	1.45782226	1.48824235	1.52522692	1.56107824	1.59552712	1.62998415	1.75653454
0.69545493	0.72250179	0.62313803	0.6316301	0.61803177	0.61807971	0.67322296	0.75036225
3.4755E-05	3.486E-05	3.1923E-05	3.3992E-05	2.839E-05	2.6547E-05	2.7878E-05	3.2947E-05
0.00016937	0.0001627	0.00024722	0.00017312	0.00021119	0.00025368	0.00110067	0.00114091
0.00262378	0.00267022	0.00272057	0.00273136	0.00276566	0.00312209	0.00333537	0.00325708
1.6464E-07	2.007E-07	2.2896E-07	1.7807E-07	1.9607E-07	2.0351E-07	2.4854E-07	3.6434E-07
0.00215726	0.00267263	0.00199796	0.00208299	0.00244134	0.00245812	0.00231381	0.00245819
0.00210712	0.00119539	0.00129331	0.00126968	0.00130682	0.00121227	0.00116162	0.00110421
0.00497796	0.00485975	0.0060693	0.00643192	0.0053412	0.00954822	0.01132439	0.01327671
0.04951868	0.05191072	0.05112117	0.04827923	0.04915126	0.05326551	0.04772429	0.04883544
0.00332306	0.00343837	0.00338654	0.0033317	0.0032676	0.00321346	0.00305963	0.00309089
1.1148E-06	1.4579E-06	1.5423E-06	1.6416E-06	1.1917E-06	1.381E-06	1.5736E-06	2.4906E-06
0.12372999	0.12819713	0.12856711	0.13347936	0.12784966	0.12620002	0.13622951	0.09762613
0.02172753	0.019339	0.0195019	0.01940954	0.02091147	0.02311586	0.02453661	0.02660284
0.00744725	0.00767246	0.00760275	0.0075512	0.00749575	0.00752479	0.00735331	0.00742792
0.0013749	0.00142569	0.00156168	0.00164659	0.00162904	0.00161221	0.00156615	0.00180925
0.0364964	0.03851902	0.03373531	0.03551067	0.02963622	0.0340268	0.03474159	0.03193732
3.2536E-05	4.2666E-05	4.6043E-05	4.942E-05	4.942E-05	2.9159E-05	4.2666E-05	4.2666E-05
0.00253091	0.00260425	0.00283994	0.00286123	0.002816	0.00276235	0.00265516	0.00301416
0.00484969	0.00546509	0.00531357	0.0055347	0.00456492	0.00400412	0.00395069	0.00416985
0.01936436	0.02173956	0.02361826	0.02420668	0.02352048	0.02437489	0.03329673	0.02462795
0.00112246	0.00102183	0.00115842	0.00132192	0.00128996		1.3104E-06	8.6184E-06
0.00083462	0.00084465	0.00079825	0.00083576	0.0006831	0.00060628	0.00061801	0.00070386

0.00404204	0.00392537	0.00622344	0.00584534	0.00542393	0.00568401	0.00567748	0.00647183
0.01215082	0.01259606	0.0123162	0.01198635	0.01161975	0.01126221	0.01058352	0.0106347
0.00236994	0.00239503	0.00221189	0.00232893	0.00265199	0.00275263	0.00280878	0.00316198
1.513E-06	1.9785E-06	2.0358E-06	1.6898E-06	2.2047E-06	2.2599E-06	2.5034E-06	3.6695E-06
0.00625451	0.00636116	0.007026	0.00772671	0.00703197	0.00588257	0.00571213	0.00546408
1.02714849	1.18799487	1.14776793	1.19436274	1.3641242	1.66035793	1.73980271	1.85435957
0.00034669	0.00034902	0.00033606	0.00034506	0.00031819	0.00030699	0.00031566	0.00032406
6.9107E-05	0.00014193	0.00010193	0.00012743	0.00014561	0.00011288	0.00012015	0.00010556
6.5058E-06	9.7477E-07	2.6318E-05	4.051E-05	0.00010241	0.0001049	0.00010276	4.5454E-05
0.00088807	0.00099724	0.00124674	0.00120364	0.00120019	0.00131731	0.00141672	0.00142679
0.00078486	0.00080611	0.00089904	0.00093266	0.00092321	0.00093178	0.00091361	0.00105317
0.28398137	0.29751039	0.269522	0.25561158	0.27570152	0.27785884	0.30057405	0.3051869
0.01350754	0.01481049	0.01774285	0.01628592	0.01610149	0.01662684	0.01680062	0.01553997
0.02461775	0.0270664	0.02660225	0.02509374	0.02982139	0.03340325	0.03267826	0.0332871
1.65120042	1.59768901	1.55381944	1.64538572	1.74043561	1.93073575	1.77423659	1.84398293
0.00060399	0.00069142	0.00057518	0.00062028	0.00087282	0.00022598	0.0004437	0.00044458
0.00127404	0.00155386	0.00181868	0.00188333	0.00178829	0.0016363	0.00147515	0.00126095
0.05152934	0.05277322	0.05440068	0.05597465	0.05770817	0.05964297	0.06157684	0.06377702
7.0913E-05	5.4029E-05	5.4029E-05	5.7405E-05	6.7536E-05	6.0782E-05	7.4289E-05	4.0522E-05
1.4178E-06	1.0844E-06	4.931E-06	3.0772E-06	2.692E-06	2.4061E-06	3.2144E-06	2.0864E-06
0.04412612	0.04582048	0.04416937	0.04379237	0.05058156	0.04967134	0.0553199	0.0536334
3.9438E-05	3.9315E-05	4.2137E-05	4.1369E-05	4.1626E-05	3.99E-05	4.0081E-05	4.3364E-05
0.00010162	9.0781E-05	8.6731E-05	4.7104E-05	4.8007E-05	4.7619E-05	4.8839E-05	3.8271E-05
0.00755322	0.00728297	0.00747846	0.00708594	0.00747002	0.00859816	0.00825796	0.00810731
0.12356497	0.11301337	0.12491215	0.12296319	0.12245647	0.12765793	0.11708478	0.11750293
4.5787E-07	6.248E-07	7.7114E-07	6.5179E-07	8.6401E-07	9.73E-07	1.1444E-06	1.893E-06
0.00080724	0.00086838	0.00074026	0.00070841	0.00070614	0.00099216	0.00105072	0.00112624
0.09691763	0.09360888	0.09123037	0.09959577	0.09745637	0.0955088	0.09814164	0.09800949
0.28437794	0.26393382	0.25656373	0.24113222	0.25221761	0.25117086	0.2455398	0.22831101
0.00037679	0.00033572	0.00025488	0.00019349	0.00017005	0.00013092	0.00014251	0.0001564
0.00030212	0.00029157	0.00026111	0.0002644	0.0002183	0.00019159	0.00019556	0.00021865
0.01652712	0.01457899	0.01241272	0.01133912	0.01037597	0.01210409	0.01297576	0.01321444
0.02250136	0.02048248	0.02529275	0.03230596	0.02852019	0.03265004	0.01335453	0.01361148
0.00322361	0.00295158	0.00341233	0.00463878	0.00390152	0.0039614	0.00434641	0.0045173
0.00860037	0.00939161	0.00862018	0.00690312	0.00732851	0.00911071	0.01094438	0.01008486
0.01571584	0.01692067	0.01853963	0.0197272	0.020743	0.02234404	0.02243269	0.02102911
2.028E-05	2.7431E-05	5.0206E-05	2.0681E-05	2.1277E-05	2.3997E-05	2.8168E-05	4.545E-05
3.444E-05	4.0808E-05	3.0172E-05	2.3469E-05	2.3217E-05	1.8422E-05	2.5362E-05	3.0176E-05
0.05314319	0.06152163	0.06636868	0.06713698	0.06951116	0.06732988	0.07055103	0.06863669
0.0057737	0.00598887	0.0058281	0.00563245	0.00542111	0.00521399	0.00487542	0.0048755
0.0002156	0.00024897	0.00036179	0.00020766	0.00021044	0.00021006	0.00022953	0.00031017
0.02445036	0.0250847	0.02557883	0.02664723	0.02586925	0.11292021	0.0990877	0.09954255
0.00102021	0.00100931	0.00105985	0.00102176	0.00100483	0.00100711	0.00108836	0.00108389
1.832E-05	1.8532E-05	1.7051E-05	1.7993E-05	1.4827E-05	1.3465E-05	1.3772E-05	1.5581E-05
0.15526926	0.15574643	0.14084321	0.1345353	0.13047518	0.13626752	0.14137547	0.13128732
0.00671394	0.00670793	0.00693282	0.00688908	0.00700282	0.00701935	0.00707366	0.0068247
0.14902327	0.11485009	0.11991183	0.11844938	0.10970751	0.10408061	0.11243771	0.110531
0.0134886	0.01401016	0.01312632	0.01196856	0.01084082	0.00982944	0.00899936	0.00849368
0.00852842	0.00880162	0.00890633	0.00877737	0.00891807	0.00900534	0.00902399	0.00934379
0.00284413	0.00283675	0.00308221	0.00312954	0.00309253	0.00298704	0.00296393	0.0033691
0.00049313	0.00049828	0.00046469	0.00048693	0.00041362	0.00038233	0.00038919	0.00043383

0.00013516	0.00013717	0.00014351	0.00013738	0.0001402	0.00013555	0.00013617	0.00015571
0.00045215	0.0004953	0.00053815	0.00055871	0.0005555	0.00053607	0.00052582	0.00060383
2.9098E-05	2.9098E-05	3.2735E-05	7.2744E-06	1.0912E-05	3.6372E-06	7.2744E-06	1.0912E-05
0.01237118	0.01171417	0.01022351	0.01156416	0.01487958	0.01654023	0.01712655	0.01657789
1.2702E-06	1.307E-06	1.3976E-06	1.3439E-06	1.3891E-06	1.4019E-06	1.4369E-06	1.6672E-06
0.00918968	0.00952971	0.01007967	0.01111255	0.0079382	0.00800264	0.00792273	0.00815448
0.00071445	0.00071045	0.00070132	0.00080449	0.00072591	0.00070457	0.00076769	0.00092293
0.00746514	0.007964	0.00930622	0.0085321	0.00756581	0.00751745	0.0074168	0.00787466
0.00291955	0.00259758	0.00270249	0.00339026	0.00340982	0.00383485	0.00332006	0.00366134
0.00755416	0.00920636	0.00899733	0.00944333	0.00965539	0.00949597	0.00959698	0.00883065
0.00395418	0.00384005	0.00608816	0.00571828	0.00530603	0.00556046	0.00555407	0.00633115
0.00539883	0.00560845	0.00506211	0.00530184	0.00545354	0.00551917	0.00562884	0.00471199
0.015651	0.01550005	0.0140301	0.01385161	0.01320303	0.01302079	0.01271097	0.01173565
0.02348792	0.02686023	0.02809508	0.02805496	0.0284128	0.02491301	0.03755901	0.0422117
0.69589145	0.71697153	0.78107575	0.81638545	0.80166064	0.8065397	0.78183759	0.82847067
0.00627065	0.00654879	0.00688317	0.00643263	0.00692045	0.00758312	0.00752475	0.00748131
0.01988417	0.02066456	0.02169154	0.02443914	0.02774723	0.02945282	0.03126053	0.02936068
0.0039011	0.00386864	0.00430399	0.00520695	0.00485256	0.0051628	0.00601238	0.00584926
0.00066689	0.00069665	0.0006916	0.00070795	0.00086787	0.00112141	0.00114816	0.00120064
0.00339241	0.00320803	0.00338207	0.00355896	0.00339402	0.00354234	0.00369798	0.00387984
0.0976192	0.09526197	0.09312592	0.0911815	0.08381709	0.08553926	0.08704763	0.07606252
0.01014006	0.01003369	0.00989537	0.00899387	0.008924	0.00856955	0.00587277	0.00610015
0.00040888	0.00064786	0.00085047	0.00104632	0.00123204	0.00111723	0.00131646	0.00146726
0.28675542	0.2731529	0.29272996	0.33904607	0.3269273	0.35263672	0.3585888	0.35042
0.26677058	0.27746978	0.2562326	0.22809799	0.20087178	0.17617501	0.15814914	0.1447325
0.00449242	0.00451009	0.00515782	0.00502314	0.00485791	0.00537245	0.00550882	0.00564335
0.02194742	0.02283861	0.02087219	0.01825465	0.01573854	0.01347001	0.01195489	0.01063664
3.2036E-05	1.0302E-05	9.584E-05	0.00013427	0.00032443	0.00033174	0.00031123	0.00012884
1.4199E-06	1.0844E-06	2.4762E-06	1.5564E-06	1.3946E-06	6.5115E-07	8.5062E-07	7.3748E-07
6.307E-05	6.3119E-05	6.3157E-05	6.3104E-05	6.3149E-05	6.3161E-05	6.3197E-05	6.3292E-05
0.03841367	0.03863482	0.04194376	0.03909392	0.04219777	0.04385471	0.04424258	0.04572996
0.00245547	0.00324504	0.00392461	0.00508103	0.0054006	0.00416154	0.00552355	0.00581937
2.9672E-05	1.6267E-05	4.825E-05	6.3999E-05	0.00015447	0.0001545	0.00014472	6.152E-05
0.00206265	4.6703E-05	4.6703E-05	2.3016E-05	0.00014858	0.00012156	0.00017222	0.00016884
0.00116926	0.00115114	0.00104685	0.00100047	0.00088566	0.00082256	0.00084683	0.00110895
0.00148205	0.0016197	0.00187581	0.00220519	0.00177795	0.00181859	0.00160385	0.00137735
0.0002347	0.00024442	0.00022875	0.00024274	0.00020205	0.00018674	0.00019244	0.00021518
0.0166694	0.01537124	0.0167157	0.01595789	0.01646397	0.01725425	0.01624746	0.01851583
0.00053855	0.00055472	0.00060952	0.00061073	0.00061089	0.00058663	0.00057306	0.00065676
0.00818974	0.00848858	0.00829524	0.00806676	0.00781518	0.00757394	0.00712382	0.00715175
0.00840086	0.00899005	0.00718344	0.00687699	0.00582736	0.0066046	0.00706727	0.00607073
0.00337214	0.00349532	0.0034018	0.00328864	0.00316807	0.00305555	0.0028712	0.00286835
2.269E-05	1.7351E-05	3.8234E-05	2.542E-05	3.1048E-05	3.0267E-05	3.3124E-05	4.1101E-05
0.00521056	0.00555579	0.00493814	0.00491524	0.00606888	0.00617226	0.00778156	0.00718053
0.00354999	0.00368859	0.00340195	0.00302291	0.00265935	0.00233926	0.00212022	0.00193248
0.00280953	0.00278937	0.00270285	0.00216693	0.00217365	0.00198129	0.00242481	0.00239877
7.2348E-07	5.4222E-07	1.292E-06	8.6912E-07	9.3762E-07	2.6696E-06	3.4624E-06	3.3177E-06
0.10985173	0.10599569	0.10643831	0.10886774	0.11741823	0.12303654	0.12592674	0.12371792
0.0011739	0.00114002	0.00180744	0.00169763	0.00157524	0.00165077	0.00164887	0.00187957
0.00103457	0.00105523	0.00118265	0.00117304	0.00118543	0.00118422	0.00117939	0.001285



0.00290258	0.00303208	0.00315841	0.0030027	0.00286762	0.00290565	0.00290883	0.00282077
0.00594088	0.00622091	0.00563053	0.00449949	0.00513672	0.00696743	0.00486274	0.00489722
0.02351939	0.02347735	0.02343731	0.02221153	0.02074107	0.01971494	0.01916926	0.01878737
0.00044527	0.00044885	0.00046193	0.00044446	0.00044363	0.00046322	0.00045772	0.00045136
0.00030276	0.00030646	0.0002837	0.00029795	0.00024894	0.00022751	0.00023294	0.00026303
0.00871834	0.00856294	0.00838404	0.0081068	0.00817091	0.00828794	0.00820544	0.0087067
0.0019421	0.00216918	0.00220486	0.00224011	0.00212243	0.00204577	0.00198708	0.0021796
0.01482034	0.01599903	0.01770225	0.01755145	0.01949424	0.01952902	0.02068161	0.01942878
0.00050939	0.00047261	0.0004615	0.00039088	0.00041351	0.00037255	0.00040899	0.00048286
0.00021811	0.00020904	0.00023964	0.0001123	0.00013826	0.00018737	0.00146473	0.00144795
2.0521E-05	2.0521E-05	2.0521E-05	2.0521E-05	2.0521E-05	2.3898E-05	2.3898E-05	2.0521E-05
0.02474102	0.02567229	0.02330636	0.02274747	0.02069942	0.01953554	0.02094277	0.0200692
0.00694011	0.00671542	0.00697753	0.00787266	0.00649942	0.00744573	0.0084824	0.00602876
0.01949276	0.01664972	0.01761907	0.01776468	0.01728301	0.01971073	0.01870369	0.01812819
0.02532019	0.0235307	0.0246908	0.02314863	0.02328948	0.0259362	0.02779726	0.02796852
0.00127991	0.00159765	0.00147714	0.00156559	0.00209159	0.00214488	0.00129043	0.00176285
0.01735686	0.02002886	0.01956289	0.0188423	0.0179149	0.01938425	0.0191298	0.01915394
4.783E-05	4.415E-05	4.4251E-05	4.4352E-05	5.0627E-05	0.00029015	0.00040585	0.00021271
0.06366854	0.0657439	0.06783211	0.07074558	0.0718974	0.07539057	0.07916101	0.0815025
0.00474949	0.00468794	0.00441673	0.00424677	0.00462568	0.00471898	0.00435392	0.00383323
0.02047367	0.0206785	0.02114462	0.02083952	0.0201724	0.02027336	0.02097722	0.01835492
0.01539656	0.01475791	0.01463775	0.01453313	0.01770014	0.01710421	0.01756622	0.01645367
0.00019095	0.00019095	0.00019383	0.00019244	0.00019978	0.00022094	0.00017879	0.00019489
0.00016387	0.00013565	0.00025351	0.00022103	0.0003031	0.00030928	0.0003235	0.00022338
0.11944355	0.11742144	0.11299156	0.1012887	0.10268452	0.10846287	0.10621599	0.11152969
0.00282226	0.00243894	0.00238206	0.00247953	0.00309245	0.00343827	0.00300539	0.00330766
0.17292598	0.18301769	0.18609166	0.19877393	0.20754822	0.21824535	0.22475454	0.22330848
0.02461843	0.02150289	0.02143433	0.02279667	0.02388458	0.02388211	0.02809548	0.03110566
0.02450182	0.02810977	0.02808155	0.02898307	0.03083568	0.02904034	0.02932525	0.02688747
1.0638E-05	8.1333E-06	2.837E-05	2.3108E-05	2.6999E-05	3.6175E-05	4.1863E-05	4.6079E-05
0.00126973	0.00097038	0.00157933	0.00157049	0.00168785	0.00200355	0.00185293	0.00208825
0.00066421	0.00064563	0.00063692	0.00061192	0.00063905	0.00063002	0.00063816	0.00065313
0.04342651	0.06077353	0.04411559	0.0439969	0.04359193	0.04480674	0.04507552	0.04785021
0.27433924	0.28458741	0.27181449	0.25547918	0.23919305	0.22456366	0.20897898	0.20365258
9.9193E-05	0.0001772	0.00018077	0.00017672	0.00018024	0.00018381	0.0001803	0.00018381
0.02529594	0.04349164	0.04702335	0.04918233	0.0453524	0.0159883	0.01429383	0.01426071
0.00769222	0.0074702	0.01184355	0.011124	0.01032202	0.01081698	0.01080455	0.01231625
0.02907748	0.03035446	0.03105535	0.03159246	0.03293536	0.03288091	0.03364866	0.03429682
0.00051337	0.00061539	0.00060124	0.00058627	0.00044488	0.00051644	0.00051332	0.00048344
0.00092951	0.00087233	0.00093599	0.00078689	0.00083453	0.00091345	0.00101636	0.00085451
7.067E-07	9.0759E-07	5.3866E-07	3.1782E-07	6.9348E-07	4.6753E-07	5.6686E-07	6.6745E-07
5.1164E-06	3.7956E-06	1.2998E-05	8.0793E-06	9.8293E-06	9.2821E-06	1.0328E-05	6.9005E-06
0.00172943	0.00170826	0.00177868	0.00175629	0.00171335	0.00159853	0.00157653	0.00178978
0.00759183	0.00605849	0.0056653	0.00601961	0.00657276	0.00700029	0.00719949	0.00712509
0.00177688	0.0018428	0.00202978	0.00205151	0.00210626	0.00204221	0.00199917	0.00228497
1.749E-05	1.7801E-05	1.6506E-05	1.7214E-05	1.4408E-05	1.3165E-05	1.3448E-05	1.5715E-05
2.5252E-05	2.4623E-05	2.7909E-05	2.6074E-05	2.6511E-05	2.5984E-05	2.5345E-05	2.9389E-05
0.00186256	0.00188451	0.00123999	0.00132539	0.00114892	0.00104485	0.0008699	0.00094117
0.02975693	0.02415681	0.02311292	0.0211557	0.02035269	0.02260359	0.02305918	0.02199163
0.00234639	0.00227866	0.00361268	0.0033932	0.00314857	0.00329954	0.00329575	0.00375687

0.14267146	0.1369153	0.13173067	0.1237401	0.13920708	0.14554526	0.14849386	0.14776409
0.00209374	0.00235585	0.00235328	0.002454	0.00221729	0.00184366	0.00195361	0.00208489
5.4319E-05	4.7877E-05	3.5199E-05	2.3606E-05	4.3966E-05	3.865E-05	4.4562E-05	4.8852E-05
0.00713984	0.00500991	0.00511815	0.00564927	0.00616917	0.00648998	0.00661545	0.00638783
6.6726E-06	6.757E-06	6.2251E-06	7.5939E-06	6.6829E-06	6.0736E-06	6.999E-06	8.329E-06
0.00136365	0.00141267	0.00154757	0.00158567	0.00151772	0.00145257	0.00137244	0.00159788
1.2275E-05	1.2275E-05	1.2275E-05	1.2275E-05	1.2275E-05	1.2275E-05	1.2275E-05	1.2275E-05
0.0723672	0.05705516	0.07194344	0.08822046	0.08587714	0.09115009	0.09511656	0.09492888

0.000211	0.00021629	0.00021585	0.00021673	0.00021807	0.00022384	0.00022468	0.00022694
3.4796E-07		1.4076E-06	2.338E-06	6.1037E-06	6.2133E-06	5.6471E-06	2.1178E-06
1.4211E-06	1.0844E-06	3.7113E-06	2.3295E-06	2.0753E-06	1.8616E-06	2.4619E-06	1.3152E-06
0.00020898	0.00022733	0.0002401	0.00041356	0.00038573	0.00030939	0.00024278	0.00030484
0.00211972	0.00211368	0.00212702	0.00176147	0.00233831	0.00238138	0.00247229	0.00240916
0.01886362	0.02172947	0.02131924	0.02316022	0.0221954	0.02422442	0.02341405	0.02295064
0.03714217	0.04110426	0.03930245	0.03291484	0.03769184	0.03861359	0.03940334	0.04330126
0.01979116	0.0203745	0.02099442	0.02161016	0.02233133	0.02306163	0.02388372	0.02457329
0.00885788	0.01496867	0.01516943	0.01612562	0.01681263	0.01662587	0.01640948	0.01651892
0.23596484	0.24503821	0.22944222	0.2090162	0.1891735	0.1715214	0.15728918	0.14823569
0.00526511	0.00556394	0.00665944	0.00515072	0.00588825	0.00694354	0.00748355	0.00895928
2.12295213	2.06855906	2.07684574	1.98250892	2.05929508	2.35184776	2.27534334	2.34800781
0.00080415	0.00083396	0.00081875	0.00080138	0.0007808	0.00075905	0.00071187	0.00071917
0.00031574	0.00031204	0.0002842	0.00029365	0.00023616	0.00021319	0.00021395	0.00023731
0.0205603	0.02143193	0.01952095	0.02178836	0.02078424	0.02158765	0.0242417	0.02653266
1.6487E-05	1.701E-05	1.5995E-05	1.9861E-05	1.5257E-05	1.5755E-05	1.6297E-05	1.8719E-05
0.08014396	0.09434625	0.09559114	0.09855957	0.10182953	0.10486563	0.10787511	0.11181491
5.7088E-06	4.3378E-06	8.7811E-06	5.6372E-06	5.3692E-06	4.8808E-06	7.0378E-06	5.4134E-06
1.0442E-05	9.166E-06	1.4442E-05	1.226E-05	1.2674E-05	1.334E-05	1.3576E-05	1.0905E-05

0.18893022	0.19519617	0.21359757	0.1894605	0.16192316	0.17364312	0.16920106	0.16576593
0.02238747	0.02286636	0.02247902	0.02320974	0.02346297	0.02374349	0.02444152	0.02544906
0.00960544	0.01225099	0.01410821	0.01416302	0.01369741	0.01225755	0.01230066	0.01204026
3.513E-05	3.8047E-05	3.7773E-05	3.6446E-05	3.7227E-05	4.6282E-05	4.6208E-05	4.9856E-05
0.00032586	0.00033614	0.00039069	0.00038929	0.00055312	0.00050267	0.00070061	0.00073473
0.00041549	0.00042846	0.00042846	0.00045115	0.0004912	0.00011952	0.0001668	0.00021605
7.2654E-07	5.0004E-07	4.9539E-07	4.8861E-07	4.5832E-07	4.5034E-07	4.4268E-07	4.8822E-07
0.00023923	0.00023329	0.00022448	0.00025575	0.00026418	0.0002771	0.00028337	0.00028703
0.0006412	0.00065018	0.00057985	0.0005454	0.00055027	0.00051375	0.00047723	0.00040175
0.00663433	0.00836651	0.00830657	0.01036434	0.01204386	0.01281225	0.01397643	0.01366339
0.01875851	0.01749321	0.01601397	0.01595979	0.01842212	0.01650135	0.01519922	0.01789793
0.00166379	0.00173385	0.00182548	0.0018746	0.00191532	0.00191766	0.0019425	0.00194056
7.3498E-05	7.2553E-05	7.6154E-05	9.6634E-05	5.2562E-05	6.4872E-05	6.5294E-05	6.8735E-05
0.02662048	0.0287758	0.03058397	0.03420383	0.03146845	0.03258501	0.0339819	0.05478853
0.00675953	0.00708516	0.00822904	0.00839209	0.00921307	0.01108962	0.01308006	0.01424723
0.00503275	0.00523375	0.00553781	0.00579621	0.00604614	0.00623255	0.00648361	0.00669043
6.8986E-06	1.0691E-05	1.4758E-05	1.3531E-05	1.799E-05	2.4668E-05	2.4262E-05	2.7383E-05
0.02303855	0.02271185	0.01928189	0.01656745	0.01536327	0.01310318	0.01305933	0.01273699
1.4289E-05	1.7926E-05	1.4028E-05	2.52E-05	6.4949E-05	4.1823E-05	3.1954E-05	3.1954E-05
2.9565E-05	4.582E-05	5.5344E-05	5.799E-05	6.7462E-05	7.4003E-05	7.036E-05	9.2822E-05
0.00102587	0.00117178	0.00113925	0.00148814	0.00150673	0.0015292	0.00235719	0.00257294
0.00958585	0.00959557	0.00920765	0.00965819	0.00926539	0.00894243	0.0101616	0.01099313

0.00313694	0.003635	0.00392966	0.00419148	0.00510832	0.00995896	0.01092116	0.01149635
0.00079287	0.00078638	0.00078202	0.00063255	0.00044012	0.00043781	0.00039454	0.00043762
0.00146193	0.00151419	0.0019628	0.00200797	0.00227403	0.00255632	0.00274395	0.00282007
0.01491887	0.01553197	0.01629504	0.01904379	0.0194452	0.01945272	0.01968309	0.01967653
5.7128E-05	5.7087E-05	5.0993E-05	4.425E-05	4.1248E-05	5.0054E-05	4.9855E-05	6.4098E-05
0.00013568	0.00013558	0.00011218	0.00011063	0.00010901	0.00012013	0.00011633	0.00011284
0.00085927	0.00110893	0.00118926	0.00109809	0.00111755	0.00110045	0.00101158	0.00111779
0.01550308	0.01627928	0.01810856	0.01974013	0.02415304	0.02423073	0.02721793	0.03182321
0.00019494	0.00019621	0.00019409	0.00018744	0.0001869	0.00020615	0.00022452	0.00024266
0.00037339	0.00051317	0.00070772	0.0008488	0.00107341	0.00122675	0.00132137	0.00133931
3.4097E-05	3.4897E-05	4.4271E-05	4.6114E-05	4.6774E-05	4.6998E-05	5.0364E-05	5.0881E-05
0.00024868	0.00023122	0.00024636	0.00023516	0.00019527	0.00016988	0.00014857	0.00020694
9.8552E-06	1.5273E-05	2.3982E-05	2.7062E-05	3.3731E-05	3.4535E-05	3.3967E-05	4.5981E-05
0.02723429	0.03001148	0.03583362	0.0387661	0.03967737	0.04274984	0.03622958	0.03580598
0.00614135	0.00592903	0.00843623	0.01001882	0.00964536	0.01026596	0.01238	0.01407634
0.00378829	0.00386391	0.00382142	0.00385753	0.00447472	0.0042927	0.00396838	0.00496537
0.08611328	0.09388047	0.09337209	0.09246342	0.09322373	0.09877956	0.105507	0.11180628
0.00042887	0.00021239	9.5294E-05	0.00013259	0.0004793	0.00077111	0.00042835	0.00052228
7.2744E-05	8.3656E-05	9.4567E-05	9.8204E-05	8.3656E-05	6.5469E-05	5.0921E-05	4.7283E-05
0.00015016	0.00016107	0.00015743	0.00015016	0.00015016	0.0001538	0.0001538	0.00015743
8.7369E-05	8.7293E-05	8.7369E-05	3.2785E-05	3.7128E-06	3.6876E-06	3.6876E-06	3.6372E-06
9.5811E-06	9.8639E-06	2.0192E-05	2.0585E-05	2.0457E-05	1.8492E-05	2.1852E-05	1.6468E-05
0.00509578	0.00525949	0.00536681	0.00624456	0.00687248	0.00705469	0.0068046	0.00688905
2.9565E-06	4.582E-06	5.5344E-06	5.799E-06	6.7462E-06	7.4003E-06	7.2786E-06	4.4231E-06
2.0162E-05	3.1037E-05	3.7361E-05	1.6801E-05	1.9505E-05	2.6154E-05	2.5725E-05	8.7942E-06
0.0004229	0.00019625	0.00018531	0.00018895	0.00019259	0.00017076	0.00016361	0.00016265
0.02212096	0.02220935	0.02278448	0.0242642	0.02496476	0.02569113	0.02584374	0.02759791
4.1061E-05	4.2816E-05	4.2494E-05	4.267E-05	4.2721E-05	5.1722E-05	5.3179E-05	5.821E-05
0.00026342	0.00027776	0.00030016	0.00031091	0.00030554	0.0003136	0.00033242	0.00034675
0.01425455	0.01920066	0.01952309	0.02041143	0.02046545	0.02070802	0.02057109	0.02016913
0.20074264	0.21185342	0.21356557	0.21746042	0.20741646	0.21029941	0.2045186	0.16608566
9.8552E-05	0.00015273	0.00014758	0.00015464	0.00013492	0.00012334	0.00012131	0.00012171
7.141E-06	7.1359E-06	1.0199E-05	9.4822E-06	8.8388E-06	1.0011E-05	9.971E-06	8.4329E-06
0.01484053	0.01538643	0.01421094	0.01665699	0.01679836	0.01759826	0.01986691	0.02179711
0.00358313	0.00349987	0.00351428	0.00342514	0.00413953	0.00536935	0.00294408	0.0033885
0.00516841	0.00748613	0.00785493	0.00965929	0.00979745	0.01016402	0.01077263	0.01138662
0.00182994	0.00195535	0.00226035	0.00216903	0.00144334	0.00095616	0.00095278	0.00057348
0.0030032	0.00531933	0.00635284	0.00725006	0.00849739	0.00934891	0.0111415	0.01275622
0.00010956	0.00011849	0.00012664	0.00012673	0.00012227	0.00012786	0.00014649	8.4321E-05
6.9744E-06	9.1583E-06	1.062E-05	1.2006E-05	1.339E-05	1.4404E-05	1.5353E-05	1.6439E-05
0.01420632	0.02085041	0.02305215	0.02237735	0.02298258	0.02032374	0.01893921	0.01857253
0.02094194	0.02187281	0.02287196	0.02295958	0.02286005	0.0220249	0.0214866	0.0204488
6.5469E-05	5.3778E-05	5.3778E-05	5.4558E-05	6.469E-05	6.1572E-05	5.8455E-05	6.7808E-05
0.00732879	0.00795063	0.00594873	0.00525106	0.00466718	0.03616119	0.03865451	0.03553442
0.00034027	0.00035039	0.00036878	0.00037072	0.00030202	0.00025003	0.00030086	0.00036268
2.8564E-06	2.8544E-06	2.7196E-06	2.5286E-06	2.357E-06	2.6695E-06	3.3237E-06	2.6489E-06
0.05828953	0.05690545	0.04879167	0.04918293	0.04484917	0.04549065	0.04996434	0.05413907
0.00011188	0.00013287	0.00013292	0.00013292	0.00025794	0.00013668	0.00026168	0.0002675
0.06336023	0.05693749	0.05321698	0.05180567	0.04875616	0.05879002	0.05287243	0.05146084
0.00731361	0.00762667	0.00798302	0.0081099	0.00818093	0.00804714	0.008012	0.00784457
5.0921E-05	3.6372E-05	2.9098E-05	3.2735E-05	1.8186E-05	3.6372E-05	2.9098E-05	2.9098E-05

4.7477E-05	5.8212E-05	4.7259E-05	5.4197E-05	5.7775E-05	5.7557E-05	5.7557E-05	5.7557E-05
4.4781E-05	7.3214E-05	8.912E-05	9.4081E-05	0.00011314	0.000124	0.00011338	0.00015786
0.00012497	0.00012488	0.00016658	0.00019597	0.00019151	0.00023692	0.00021604	0.00022633
1.0841E-05	1.6801E-05	2.0293E-05	2.1263E-05	2.4736E-05	2.9601E-05	2.9115E-05	2.9339E-05
5.9131E-06	9.1639E-06	1.1069E-05	1.1598E-05	1.3492E-05	1.9734E-05	2.1836E-05	2.0938E-05
1.8186E-05	1.8186E-05	2.546E-05	2.9098E-05	1.4549E-05	1.8186E-05	2.546E-05	1.8186E-05
0.006406	0.00733051	0.00704254	0.00702213	0.00765162	0.00797652	0.00883556	0.00857794
1.0711E-05	1.0704E-05	1.3598E-05	1.2643E-05	1.1785E-05	1.3348E-05	1.3295E-05	1.5881E-05
0.00197265	0.00243466	0.00272162	0.00281753	0.00217248	0.00239468	0.00239215	0.00164648
8.9262E-05	8.9199E-05	7.479E-05	8.534E-05	8.2496E-05	7.3412E-05	7.312E-05	8.827E-05
0.00371837	0.00293152	0.00282601	0.00268064	0.00258179	0.00244909	0.00241385	0.00262075
0.00270622	0.00341295	0.00456531	0.00426583	0.00442218	0.00437771	0.00455315	0.00478806
0.00011041	0.00017484	0.00021146	0.00025485	0.00021666	0.00018393	6.3386E-05	3.6372E-05
0.00185503	0.00176454	0.00209521	0.00249536	0.00365013	0.00307014	0.00306065	0.00323532
0.00013585	0.0001426	0.00025153	0.00028166	0.0002957	0.00032567	0.00030775	0.00051317
0.01099805	0.01140671	0.01169678	0.01193696	0.01132049	0.01267554	0.01224515	0.01198625
0.00503337	0.00536469	0.00589362	0.0065388	0.00668554	0.00835626	0.00910786	0.00882501
0.02044239	0.02291758	0.02466431	0.02815627	0.03159673	0.03923503	0.04278731	0.04924084
0.00264574	0.00271448	0.00319315	0.00434563	0.00469687	0.00471902	0.00488434	0.00378656
0.0133945	0.01186873	0.01267739	0.01433958	0.01657352	0.01904329	0.02136029	0.01994936
0.00554425	0.00457687	0.00342264	0.00291565	0.00298237	0.00322985	0.00409194	0.00701866
4.2941E-05	3.5784E-05	4.2286E-05	1.7237E-05	1.0517E-05	6.9385E-06	6.9385E-06	6.9385E-06
0.00530132	0.00546764	0.00576518	0.00535682	0.00509241	0.00471468	0.00460435	0.00475142
0.03498233	0.03455029	0.03423006	0.035081	0.03366136	0.03554464	0.03416669	0.03529886
0.00135299	0.00141053	0.00139754	0.00144958	0.00148374	0.00133238	0.00204549	0.00184309
0.00059572	0.00084844	0.00112891	0.00082481	0.00095236	0.0012266	0.00124685	0.00137779
0.17560455	0.14966749	0.14376651	0.18330702	0.19314635	0.21398383	0.20638535	0.22199025
0.02119356	0.0217275	0.02039327	0.02085543	0.02117501	0.02111298	0.02104279	0.02209657
0.00150969	0.0016442	0.00164599	0.00168553	0.00166175	0.00173764	0.00178187	0.0019718
0.00082152	0.00084565	0.00085363	0.00091285	0.00097311	0.00103463	0.00110058	0.00119332
0.00016568	0.00016365	0.00016755	0.00017684	0.00018606	0.00018498	0.00019901	0.00020219
9.5938E-06	9.8792E-06	1.0112E-05	1.0309E-05	1.0246E-05	4.6414E-06	5.4826E-06	5.6994E-06
1.4282E-05	1.4272E-05	1.3598E-05	1.2643E-05	1.1785E-05	1.3348E-05	1.3295E-05	1.1723E-05
0.01581292	0.01518628	0.01623101	0.01659929	0.01636776	0.01535092	0.01320704	0.01130196
0.00721902	0.00787257	0.00873825	0.01096372	0.01168972	0.01302939	0.01468796	0.01577959
0.00019399	0.00019849	0.00011061	0.00010855	0.00011472	0.00010525	0.0001218	0.00013872
0.00060168	0.00173881	0.00177551	0.0016044	0.00146046	0.00127125	0.00149544	0.00158256
0.00012812	0.00019855	0.00022138	0.00023196	0.00026985	0.00027134	0.00026688	0.00022063
0.00452332	0.00467973	0.00586763	0.00627428	0.00642705	0.00575655	0.00469468	0.00453132
2.8564E-05	2.8544E-05	2.0397E-05	2.5286E-05	2.0624E-05	2.3358E-05	2.9913E-05	3.0919E-05
8.7405E-05	0.00027268	0.0003185	0.00050627	0.00095699	0.00020933	3.9484E-05	6.6328E-06
9.8552E-06	1.5273E-05	1.8448E-05	1.933E-05	2.2487E-05	2.4668E-05	2.6688E-05	3.1207E-05
0.00352957	0.00367307	0.00387324	0.00402136	0.00415842	0.00423546	0.00435826	0.00444202
0.00098073	0.00101937	0.00094192	0.00085853	0.0008379	0.00094967	0.00095592	0.00077082
0.00388291	0.0040409	0.00421162	0.00431852	0.0044045	0.00440029	0.00444382	0.00444774
0.00012458	0.00012702	0.00012755	0.00013742	0.00020204	0.00019512	0.00018765	0.00027293
0.0012522	0.00140875	0.00156952	0.00174782	0.00191698	0.00209062	0.00212394	0.0022298
0.0031233	0.00351474	0.00360566	0.00378369	0.00395605	0.00409597	0.00426538	0.00447726
0.00034913	0.00036367	0.00036731	0.00029821	0.00027639	0.00028003	0.00026548	0.0002473
4.8777E-06	5.0181E-06	5.1367E-06	5.2396E-06	5.2107E-06	1.8589E-05	2.1955E-05	2.5548E-05

0.01827392	0.02035054	0.02007482	0.02134599	0.02096032	0.02103495	0.02126634	0.0238961
0.00077263	0.00080009	0.00103676	0.00106079	0.00120116	0.0013499	0.00144892	0.00148911
2.9565E-05	4.582E-05	7.3792E-05	5.7114E-05	6.6384E-05	7.2824E-05	7.879E-05	6.6216E-05
0.00019561	0.00020765	0.00025078	0.0002819	0.00017609	0.00026552	0.00024911	0.00038535
0.00072514	0.00087078	0.0010518	0.00123278	0.0013178	0.00172492	0.0022918	0.00241658
0.00059147	0.00060794	0.00062281	0.00073598	0.00072595	0.00070324	0.00184061	0.00189472
0.00149653	0.00141511	0.00139393	0.00111253	0.00082147	0.00063037	0.00056303	0.00058318
4.1462E-05	6.4254E-05	7.3892E-05	7.745E-05	9.0052E-05	0.00014812	0.00014568	9.2853E-05
0.00010607	0.00010415	0.00010077	0.00011552	0.00010355	0.00010193	0.00012771	0.00013722
0.00055341	0.0005508	0.00062483	0.00075234	0.0006619	0.00060672	0.00093119	0.00116327
3.0522E-05	4.7252E-05	6.5492E-05	5.7463E-05	5.4889E-05	5.7647E-05	6.6428E-05	6.948E-05
0.00401709	0.00493834	0.0050978	0.00605899	0.00659095	0.0052226	0.0060508	0.00764021
9.8552E-05	0.00015273	0.00018448	0.0001933	0.00022487	0.00024668	0.00026688	0.00031375
0.00032024	0.00032286	0.00033959	0.00023864	0.00019967	0.00019868	0.00020587	0.00022809
0.00011639	0.00014721	0.00013266	0.00011517	0.00009765	0.00009765	0.00010823	0.00010856
0.00211299	0.0031243	0.00474088	0.00687396	0.00738178	0.00730049	0.00660486	0.0064498
0.00049305	0.00057996	0.00056842	0.00060726	0.00063468	0.00065503	0.00065046	0.00061898
0.03580279	0.03498206	0.03352189	0.02475296	0.02141466	0.01944234	0.02266531	0.02552248
0.00013515	0.00013474	0.00012676	0.00024209	0.00132719	0.00160052	0.0024725	0.003735
3.6372E-05	1.1595E-05	7.7305E-06	7.7305E-06	7.7305E-06	7.7305E-06	2.7056E-05	7.7305E-06
0.0036856	0.00327332	0.00350365	0.0047952	0.00480925	0.00501889	0.00572752	0.00493794
0.00105134	0.0014536	0.00187774	0.00220856	0.00286722	0.00303369	0.00318698	0.0051702
0.00334293	0.00406569	0.00481022	0.00516646	0.00563445	0.00595447	0.00710149	0.00737925
0.00088084	0.00087461	0.00186625	0.00221858	0.00241841	0.00204692	0.00138894	0.00143107
0.00366079	0.0030561	0.00276203	0.00381837	0.00347622	0.00384341	0.00390479	0.0037953
0.00685283	0.0061726	0.01075064	0.01115861	0.01856179	0.01699701	0.01919616	0.01777421
0.00047197	0.00047197	0.00047908	0.00047565	0.0004938	0.00054611	0.00044191	0.00048173
0.00042378	0.00042762	0.00044979	0.00045285	0.0004437	0.00051526	0.00060866	0.00063365
0.06257451	0.06488798	0.06008695	0.06121015	0.06731349	0.07240254	0.07426328	0.08173881
0.03610806	0.02894536	0.02424827	0.01725273	0.0169369	0.01405743	0.01188676	0.01597348
0.00294278	0.00301788	0.00311894	0.00323917	0.00333209	0.00353209	0.00359553	0.00360348
0.00397088	0.00470709	0.00520927	0.00548147	0.00612471	0.00585238	0.0055892	0.00688223
0.00150607	0.00131971	0.00120635	0.00063508	0.00083575	0.00113304	0.00093288	0.00044479
7.1882E-05	7.4003E-05	0.00011613	0.00015441	0.0002046	0.00027742	0.00028411	0.0003635
0.00420286	0.0056817	0.00602124	0.00654544	0.0066428	0.00765155	0.00841671	0.00882596
4.2377E-05	6.5675E-05	7.9326E-05	9.0851E-05	0.00012143	0.00014801	0.00014315	0.00015434
0.01780167	0.01337741	0.01866	0.01910488	0.02005194	0.01997687	0.02410173	0.02590512
0.27682742	0.28568805	0.29080121	0.30627532	0.32139546	0.33461509	0.35183394	0.37246724
0.02195974	0.03331552	0.03806646	0.04328993	0.04723563	0.05310447	0.05784328	0.06192205
0.00709371	0.00744176	0.00915038	0.00975436	0.01110913	0.01110121	0.01152406	0.01187897
0.00022154	0.00014631	0.00015	0.00016279	0.00017085	0.00018522	0.00030994	0.00029429
0.00234071	0.00238178	0.00240659	0.00240871	0.00247799	0.00251229	0.00262691	0.00261708
0.0015576	0.00163403	0.0017395	0.00189152	0.00212627	0.00220392	0.00231081	0.00518119
8.2633E-07	5.8879E-07	3.0854E-07	2.9092E-07	5.5139E-07	5.1389E-07	5.1305E-07	5.6522E-07
3.4455E-05	3.5477E-05	5.1483E-05	4.7397E-05	5.2272E-05	4.7433E-05	5.0456E-05	4.6388E-05
4.7937E-05	7.3811E-05	8.8868E-05	0.00010077	0.00010832	0.00011885	0.00012864	0.00015124
5.4381E-06	1.2677E-05	3.8067E-05	4.0733E-05	2.9857E-05	3.533E-05	7.1632E-05	7.7536E-05
4.8327E-05	8.5716E-05	0.00012819	0.0001296	0.00015291	0.00017306	0.00016827	0.00020402
3.5705E-05	3.568E-05	3.3995E-05	2.8447E-05	2.9463E-05	3.3369E-05	2.9913E-05	3.7936E-05
1.971E-06	3.0546E-06	3.6896E-06	3.866E-06	4.4974E-06	4.9335E-06	4.8524E-06	5.9821E-06

0.00041781	0.00041474	0.00034069	0.00029523	0.00019963	0.00018672	0.00024248	0.00024847
0.00325092	0.00433236	0.00437892	0.00420454	0.00441329	0.00421327	0.00433871	0.00429217
9.3132E-05	9.6461E-05	0.00012504	0.00012792	0.00017611	0.00020588	0.00021546	0.00022449
0.00892521	0.01536175	0.01554034	0.01790434	0.02145923	0.02724687	0.0304231	0.03271027
1.4783E-05	2.291E-05	2.2138E-05	2.1263E-05	4.2726E-05	4.9335E-05	5.095E-05	5.3958E-05
0.00074483	0.00118641	0.00149448	0.00204058	0.00261993	0.00309801	0.00246886	0.00253219
3.1756E-06	3.1733E-06	3.0235E-06	2.8112E-06	2.6204E-06	2.9678E-06	2.9561E-06	3.0454E-06
1.971E-05	3.0546E-05	3.5051E-05	3.6727E-05	4.2726E-05	2.2201E-05	2.6688E-05	5.1391E-05
8.7293E-05	1.8186E-05	2.1823E-05	2.546E-05	4.3646E-05	0.00013094	4.3646E-05	4.0009E-05
0.00400939	0.00517991	0.0047233	0.00555147	0.00595122	0.00639311	0.00717007	0.00694054
0.00035586	0.00036817	0.00039435	0.00043175	0.00047149	0.00051591	0.0005643	0.00061597
0.00258672	0.00264118	0.00282901	0.00309734	0.00338244	0.00366369	0.00397511	0.00431066
2.0813E-06	2.0867E-06	2.1048E-06	2.1865E-06	2.2244E-06	2.2856E-06	2.3512E-06	2.3371E-06
9.6009E-06	9.8835E-06	1.5164E-05	1.5459E-05	1.5363E-05	1.389E-05	1.641E-05	1.025E-05
0.00200088	0.00208079	0.00225031	0.0032827	0.00320341	0.00347542	0.00411392	0.00455347
0.00192829	0.0021081	0.00213258	0.00221258	0.00247096	0.00336588	0.00384863	0.00285071
0.00510857	0.0050384	0.00545307	0.00567216	0.00656159	0.00713523	0.00805253	0.01089146
0.01188022	0.0112593	0.01009011	0.01065202	0.00897264	0.00723849	0.00522072	0.00731468
0.00025097	0.00024369	0.00024733	0.00026188	0.00026188	0.00026552	0.00026915	0.00027279
0.00007056	7.2517E-05	7.6717E-05	0.00007728	8.0917E-05	8.0917E-05	8.0917E-05	8.0917E-05
0.07502616	0.0775077	0.07845439	0.08207938	0.08552768	0.0881868	0.09138652	0.09603048
0.00079497	0.0006096	0.00060242	0.00088773	0.00058818	0.00060081	0.00060066	0.00067338
0.53426073	0.52778486	0.51902704	0.47039074	0.4716611	0.48425491	0.49646076	0.4917874
0.01061644	0.0109765	0.01135058	0.01206576	0.01278782	0.01348071	0.01426701	0.01520764
1.0711E-05	1.0704E-05	1.0199E-05	9.4822E-06	8.8388E-06	1.0011E-05	9.971E-06	8.6613E-06
0.01192723	0.01551271	0.01421088	0.01436629	0.01712684	0.01692571	0.01496256	0.01573993
7.141E-06	7.1359E-06	1.0199E-05	9.4822E-06	8.8388E-06	6.6738E-06	6.6473E-06	4.149E-06
0.00059649	0.00098807	0.00114812	0.00126552	0.00163386	0.00170578	0.00173237	0.00185498
3.8549E-05	3.968E-05	3.5564E-05	3.626E-05	3.6039E-05	3.2608E-05	4.3958E-05	4.1177E-05
3.4188E-05	3.518E-05	3.5999E-05	4.1858E-05	4.1613E-05	4.695E-05	4.4444E-05	3.916E-05
0.00032204	0.00039948	0.00030385	0.00044788	0.00051726	0.00059383	0.00058043	0.00061072
0.01888115	0.02040502	0.02226052	0.02356357	0.02393613	0.02575278	0.0261631	0.02614196
8.0707E-05	8.4658E-05	7.9816E-05	7.4083E-05	7.5739E-05	7.477E-05	7.5097E-05	7.7359E-05
0.0002126	0.00024824	0.00012881	0.0001163	0.00010937	0.00033091	0.00052392	0.00073163
0.00395996	0.00346281	0.00330054	0.00186026	0.00056765	0.0013705	0.00157068	0.0015344
0.01618226	0.01328788	0.01271556	0.01034778	0.01041088	0.01158845	0.01148627	0.01233347
0.02717029	0.02369778	0.02429675	0.01893271	0.01332712	0.01666073	0.01880871	0.01809131
0.01115313	0.01055501	0.01059209	0.00964384	0.01046402	0.01152437	0.011104	0.01061553
0.00113286	0.00121626	0.00130073	0.00130414	0.00147181	0.00135723	0.0012479	0.00118786
0.04357607	0.05108747	0.0511492	0.04321772	0.04011096	0.04463885	0.04280282	0.04001931
0.00024696	0.00026852	0.00027244	0.00021364	0.00011368	0.00017248	0.00023912	0.00022736
0.01207936	0.01081691	0.01114913	0.01016961	0.00980731	0.0108703	0.0114999	0.01137752
						0.016422	0.01987062
0.00236295	0.00199272	0.00182339	0.00123835	0.00164285	0.00188274	0.00175432	0.00161953
0.00075676	0.00073643	0.00086948	0.00130192	0.00131485	0.00130931	0.00130931	0.00132132
0.13275818	0.12401062	0.11123764	0.0863271	0.0808379	0.10373943	0.10190145	0.09774173
0.12337569	0.09355761	0.24887437	0.45328554	0.19887268	0.20088546	0.15824776	0.17103513

0.00372386	0.00320184	0.00293279	0.00207538	0.00207878	0.00259923	0.00215292	0.00232789
0.00261605	0.0024051	0.00216427	0.00145701	0.00144895	0.00182334	0.00212344	0.00204551
0.34959451	0.30285391	0.28533742	0.20678432	0.17756172	0.26682905	0.25321685	0.25901677
0.00361085	0.00526767	0.00351335	0.00333771	0.00381167	0.00400569	0.00391457	0.00532539
0.00061348	0.00057232	0.00062132	0.0005684	0.00068992	0.00063739	0.00078674	0.00080654
0.03156739	0.03129913	0.0332147	0.0327399	0.03312425	0.03151063	0.03169046	0.02936615
0.30189131	0.24911427	0.24025524	0.21828875	0.21966752	0.23171406	0.23121799	0.23675984
0.00037615	0.00034297	0.00028655	0.00026167				
0.00421456	0.00366565	0.00398994	0.00519029	0.00579424	0.00536311	0.00912435	0.00760798
1.4818E-06	1.3154E-06	1.4062E-06	1.4213E-06	1.4465E-06	1.5422E-06	1.6279E-06	1.5624E-06
0.00184367	0.00172463	0.0018006	0.00098841	0.00175452	0.00184082	0.00212707	0.00205147
0.06250516	0.04401222	0.04343523	0.0413252	0.0319511	0.03337512	0.03325627	0.03149
0.01837389	0.01527822	0.01443728	0.01008962	0.00690925	0.00971607	0.00994562	0.01004646
0.16748167	0.13688825	0.13128309	0.11163616	0.1053529	0.11668725	0.09192778	0.08590343
0.09000574	0.06923943	0.07578221	0.06821687	0.07292124	0.0775931	0.07832837	0.07827767
0.02798257	0.01772582	0.0179082	0.01124431	0.00545409	0.00985818	0.00893857	0.00706082
0.00342558	0.00279883	0.00266321	0.00151687	0.00055612	0.00122415	0.00137912	0.00129104
0.06594198	0.04730383	0.04648093	0.02661995	0.01122757	0.02283651	0.02267097	0.01945963
0.00345099	0.00337171	0.00313736	0.00282811	0.00291431	0.00310589	0.00310564	0.00301166
9.7802E-05	8.7723E-05	8.1407E-05	8.9788E-05	0.00012654	0.00012582	0.00023554	0.00026023
0.06608973	0.05102663	0.05228687	0.04004034	0.03173898	0.04047108	0.04119069	0.03860634
0.00106493	0.00106665	0.00090398	0.00124999	0.00135367	0.0015693	0.0015497	0.0015497
						0.00096096	0.00096096
0.00519504	0.00416016	0.00351613	0.00181199	0.0019039	0.00297226	0.00267711	0.00205744
0.0031493	0.00305043	0.00302179	0.0030107	0.0030107	0.0030107	0.0037499	0.0037499
0.0785202	0.06319552	0.05899763	0.05101395	0.0481577	0.05255613	0.05036424	0.05281101
0.43514324	0.38192388	0.35545161	0.30925247	0.2727201	0.31438084	0.28824251	0.27186826
0.09896936	0.08533767	0.07812363	0.04973228	0.04035728	0.05761957	0.05685878	0.05116055
0.07021333	0.05565837	0.0594046	0.04862378	0.04644358	0.04464981	0.04416867	0.04396099
						0.0025872	0.002772
0.0180642	0.0180642	0.0180642	0.0180642	0.0180642	0.0361284	0.0376992	0.0377916
0.0012444	0.00142215	0.00149829	0.00149283	0.00165008	0.00197173	0.00236218	0.00275572
0.01310172	0.01221311	0.01002332	0.00928281	0.00871156	0.01054432	0.01043325	0.00979852
0.00100274	0.00115523	0.00115872	0.00114969	0.00113229	0.00112582	0.0011148	0.0011096
0.07194292	0.05636092	0.05988318	0.05414114	0.04836932	0.04688815	0.04629914	0.04744929
0.08570746	0.06977329	0.06582605	0.03494684	0.01256111	0.02998794	0.03363668	0.03178741
0.00019201	0.00018626	0.00018172	0.00018336	0.01849909	0.0365604	0.07270609	0.03658762
0.10990377	0.105777	0.10271352	0.09570782	0.09849466	0.09952496	0.09272031	0.09470331
0.13683605	0.15397279	0.14483807	0.10282721	0.09149661	0.10759556	0.09676825	0.09202902
				0.00015681	0.00048998	0.00137195	0.00166592

0.00018848	0.00018833	0.00015394	0.00011398	0.00021583	3.1202E-05	0.00032147	0.00040641
0.00631339	0.00510356	0.00471579	0.00248255	0.00117661	0.00246231	0.00258031	0.00233056
0.07179935	0.06382321	0.05537407	0.04651177	0.04795919	0.053471	0.05106089	0.0506194
0.01797949	0.01371129	0.01320812	0.01050532	0.00870566	0.01133881	0.01088359	0.01013659
0.00535413	0.00429591	0.00462403	0.01154117	0.0027536	0.00581211	0.00488589	0.00866784
0.00127512	0.00124001	0.00122892	0.00117348	0.00151074	0.0018905	0.00170848	0.00238669
0.06562436	0.05842748	0.05679232	0.05440291	0.04851749	0.05618287	0.05841804	0.0621703
0.3498358	0.32896454	0.32533636	0.2824939	0.29901987	0.36713382	0.38834042	0.42484069
0.0689724	0.0689724	0.0689724	0.0689724	0.0689724	0.0824628	0.10787252	0.11605203
0.00649117	0.00401891	0.00453224	0.00466686	0.0053056	0.00572276	0.00602058	0.00607179
					0.0040656	0.0076006	0.0082915
0.02533749	0.02079774	0.01818133	0.01385486	0.01037442	0.01392125	0.01472769	0.01378496
0.02240971	0.01958096	0.01857666	0.01393749	0.0121676	0.01499298	0.01475608	0.01277926
0.02145081	0.01733816	0.01615068	0.01033945	0.00863087	0.01207352	0.01171644	0.01256451
	2.2848E-05	2.2848E-05	2.2848E-05	2.2848E-05	0.00565925	0.00602885	0.00703914
3.0291E-05	3.0291E-05	3.0291E-05	2.7911E-05	2.7911E-05	0.00002856	0.00002688	0.00002184
					0.01164874	0.02318097	0.04238911
0.00027166	0.0002746	0.00026696	0.00016209	0.00025479	0.00025284	0.00025088	0.00027243
0.0184509	0.01543735	0.01568756	0.01475491	0.01594741	0.01585783	0.01564286	0.01912461
0.01978037	0.02097639	0.02128366	0.01964958	0.02099877	0.03019528	0.03032654	0.03497618
0.28899251	0.27336878	0.2704218	0.22042831	0.20257969	0.22982992	0.22363462	0.21396184
2.3331E-05	1.8684E-05	1.5791E-05	8.1377E-06	8.5504E-06	1.3348E-05	1.2023E-05	0.00000924
0.65399286	0.59604022	0.60640303	0.51044378	0.63127806	0.51393065	0.46615553	0.67276752
0.00051436	0.00059247	0.00059426	0.00058958	0.00058079	0.00057736	0.00057181	0.00056896
0.02460646	0.02226543	0.02038179	0.01366407	0.01207899	0.01620542	0.0161502	0.01679681
0.17740124	0.14768481	0.1409806	0.07829576	0.03828521	0.07045091	0.07182092	0.06297484
0.02320321	0.01895844	0.0178992	0.00981011	0.003999	0.00787304	0.00943116	0.00896504
3.8532E-05	6.4964E-05	7.1525E-05	8.4997E-05	9.4501E-05	0.00012052	0.00011963	0.00013222
0.00281909	0.00295214	0.00371248	0.00410103	0.00575183	0.0054584	0.00566975	0.00501899
0.00559101	0.0057474	0.00515405	0.00508251	0.00444524	0.00529797	0.00608971	0.0062007
1.9223E-05	3.4007E-05	5.2019E-05	5.7939E-05	4.9125E-05	4.5203E-05	2.6579E-05	2.0371E-05
0.04005868	0.039842	0.039686	0.0411335	0.04150103	0.04305573	0.04423778	0.04859015
0.00807205	0.00921175	0.00673323	0.0062242	0.00636249	0.00987574	0.00646647	0.00551706
0.00878957	0.00887636	0.00831907	0.00703745	0.0065158	0.00673631	0.00615131	0.00548896
0.02338085	0.04163892	0.04658675	0.050485	0.05275918	0.05426242	0.04973275	0.04921115
0.20149172	0.21509065	0.21589111	0.2193688	0.21646227	0.2075106	0.18861108	0.19705331
0.01919389	0.02058235	0.02056723	0.02047577	0.02001953	0.02000849	0.01990912	0.02125573
6.8284E-05	0.00010827	0.00010046	0.00015372	9.5456E-05	0.00012748	0.00012018	0.00012858
0.50062677	0.50813504	0.51850271	0.53938756	0.53873914	0.56223356	0.58058068	0.59917337
0.12582087	0.12167698	0.11671937	0.11260147	0.11381634	0.11020489	0.10661797	0.10621582
0.03164703	0.03428789	0.03437639	0.03433752	0.03329093	0.0345266	0.03535657	0.03857039
0.00015317	0.00016065	0.00019818	0.00016698	0.00019944	0.00025376	0.0002339	0.00025468
0.1600433	0.15277179	0.14518582	0.14455561	0.14097792	0.14180732	0.13840698	0.15050589
0.00167786	0.00163403	0.00112998	0.00140157	0.00125026	0.0018885	0.00253773	0.00239118
0.00065642	0.00068851	0.00074317	0.00071565	0.00074791	0.00076129	0.0006783	0.00086332
0.00408226	0.00447628	0.00404649	0.0045181	0.00450722	0.00510971	0.00620887	0.00684863
0.05091455	0.05287281	0.05091455	0.05091455	0.05091455	0.04923046	0.0475072	0.0473897
0.00455541	0.00487807	0.00547033	0.0060589	0.00672731	0.00699706	0.00744832	0.00755236
0.00068284	0.00108274	0.00116529	0.00113027	0.00090683	0.00098506	0.0008194	0.00086804



0.01425441	0.01350112	0.01428264	0.01269562	0.012712	0.01208884	0.01290544	0.01641499
0.05903848	0.06322884	0.06340659	0.0633426	0.0617258	0.06326734	0.06419949	0.06920934
3.9019E-05	6.1871E-05	6.0274E-05	6.3295E-05	6.6819E-05	8.6917E-05	8.194E-05	0.00010761
9.2671E-05	0.00014694	0.0001326	0.00015824	0.00017659	0.0002086	0.00019119	0.00018944
0.01559949	0.0150065	0.01435929	0.01224802	0.01334368	0.01284671	0.01311302	0.01285962
0.70141782	0.65188905	0.63928715	0.65340556	0.65159982	0.58567932	0.62728185	0.78662042
0.00016339	0.00025908	0.00028128	0.000321	0.00035796	0.0004172	0.00043701	0.00048289
0.00276464	0.00350893	0.00367446	0.00430979	0.00494586	0.00535666	0.00591646	0.0061715
8.0545E-06	8.4347E-06	9.2812E-05	0.00010515	0.00010458	9.9244E-05	8.7227E-05	7.7358E-05
0.00119253	0.001504	0.00169775	0.00189105	0.00210379	0.00233723	0.00247749	0.00284543
0.00021881	0.0002295	0.00032204	0.00033397	0.00037396	0.00035527	0.00032746	0.00042766
1.18722601	1.1982191	1.16275447	1.05214692	1.02199456	1.02276262	1.02072306	1.0293705
0.12261775	0.12979418	0.13380151	0.1347248	0.13884196	0.14075855	0.13822268	0.14427813
0.04491581	0.04750064	0.05055208	0.04943203	0.04803959	0.04717656	0.04632477	0.04826221
0.30239606	0.29723431	0.30063459	0.32234955	0.35928374	0.40027866	0.42105898	0.46071826
0.0106608	0.01113415	0.01079302	0.01022774	0.00917115	0.00852389	0.00839048	0.00828064
0.00750828	0.00797151	0.00835311	0.00892381	0.00973716	0.01055742	0.01168052	0.01152438
0.00682799	0.00669754	0.00660085	0.00556187	0.0065599	0.00667815	0.00600459	0.00602277
0.0022081	0.00239408	0.00258291	0.00305678	0.00322743	0.00306938	0.00296783	0.0028747
9.2867E-05	9.6053E-05	0.00019026	0.00020125	0.0001904	0.00017431	0.00015118	9.4326E-05
0.10816982	0.11056344	0.11206905	0.12162575	0.1259972	0.13061495	0.13502894	0.1374824
6.5642E-05	6.8851E-05	7.4317E-05	7.1565E-05	7.4791E-05	7.6129E-05	7.0169E-05	4.1138E-05
0.0004595	0.00048196	0.00052022	0.00021469	0.00022437	0.00027914	0.00025729	8.4951E-05
0.00578305	0.00536232	0.00468647	0.00457621	0.00470805	0.00515961	0.00525669	0.00575189
0.0403233	0.04068775	0.04335123	0.04198324	0.04159702	0.04466708	0.04264687	0.04339459
2.8045E-05	4.6403E-05	5.0228E-05	6.1035E-05	6.9206E-05	8.9814E-05	8.7403E-05	9.7727E-05
0.00451301	0.00445427	0.00441549	0.00464396	0.00498456	0.00531364	0.00557513	0.00585967
0.05420525	0.04406328	0.05398764	0.04360166	0.0436044	0.04761669	0.04625807	0.04522215
1.395637	1.42856069	1.34869631	1.3602197	1.37354516	1.40398539	1.37749925	1.42668932
0.00218808	0.00229503	0.00198179	0.00190839	0.00149583	0.00126881	0.00116949	0.00113204
4.8774E-06	7.7338E-06	1.2055E-05	1.3563E-05	1.4318E-05	1.7383E-05	1.6388E-05	1.4158E-05
0.08699985	0.08242705	0.07900011	0.07912746	0.0803692	0.08265792	0.08693488	0.0860422
0.01637842	0.01450759	0.01303844	0.01174856	0.01425194	0.01627412	0.0176449	0.01838361
0.09289355	0.11154489	0.11792089	0.12187304	0.13515316	0.14500928	0.16573007	0.17160382
0.02968275	0.03289651	0.03541179	0.03736187	0.03591301	0.03815098	0.03951233	0.04074948
0.09642558	0.11140632	0.11922293	0.13107261	0.14784102	0.16444627	0.17608803	0.17947741
0.00042184	0.00036751	0.00038482	0.00036905	0.00036877	0.00035486	0.00037312	0.0004364
0.0006076	0.00067435	0.00065466	0.00067197	0.00066293	0.00069358	0.00070547	0.00072645
0.33576585	0.31850488	0.32036694	0.32192506	0.32249671	0.32873696	0.33005826	0.35305498
0.01186754	0.01270145	0.0127389	0.01272968	0.01251272	0.0123863	0.01238541	0.01319252
0.0043046	0.00352174	0.0036267	0.00357423	0.00362422	0.00352927	0.00386362	0.00432457
0.07566483	0.07272624	0.07307487	0.07496104	0.07728451	0.07929451	0.08302619	0.08965323
0.00329676	0.0034099	0.00347225	0.00362248	0.00280843	0.00235325	0.0020787	0.00207518
1.951E-06	3.0935E-06	3.2146E-06	3.6169E-06	3.8182E-06	4.6356E-06	5.4627E-06	4.4471E-06
0.88469524	0.88392277	0.90444033	0.90740717	0.9141209	0.92117389	0.90768775	0.93502721
0.00094452	0.0014763	0.00182943	0.00230971	0.00170518	0.00155362	0.00187157	0.00234418
0.90429312	0.92301196	0.90026532	0.92573796	0.94348462	0.97795501	0.98762335	1.04030156
0.01788761	0.01898271	0.0189186	0.01881279	0.01836212	0.018283	0.01817322	0.01927257
0.00885378	0.00978007	0.01103159	0.01010433	0.00771463	0.00727347	0.00914128	0.0099074
0.00024623	0.00025893	0.00026528	0.00027162	0.00024623	0.00023988	0.00029668	0.00030337
0.00122532	0.00128522	0.00136248	0.00133587	0.00142104	0.00144645	0.00123966	0.00165157

8.5355E-05	0.00013534	0.00019689	0.00028031	0.00031023	0.00041141	0.00035507	0.00037997
0.00024069	0.00025245	0.0002725	0.0002624	0.00027424	0.00030452	0.00028068	0.00027288
0.00013128	0.0001377	0.00014863	0.00014313	0.00014958	0.00020301	0.00021051	0.00019474
0.00013864	0.00010411	0.00013896	0.00013905	6.9053E-05	0.00010435	3.4311E-05	6.8442E-05
0.07069951	0.07213438	0.07647585	0.07900866	0.08298348	0.08724043	0.09246371	0.09616191
7.3161E-06	1.1601E-05	1.6073E-05	1.8084E-05	1.9091E-05	2.3178E-05	2.1851E-05	2.6662E-05
0.01150768	0.01045054	0.00954289	0.00923222	0.00915253	0.00979272	0.00995253	0.00945863
6.0968E-05	9.6673E-05	8.8402E-05	0.00012207	0.00013364	0.00012748	0.00012018	0.00014819
0.00187205	0.00191135	0.00196626	0.00206744	0.00200833	0.00191923	0.00190507	0.00189866
0.01338828	0.01247974	0.01534148	0.01652984	0.01626575	0.01565267	0.01475566	0.01785139
0.00458714	0.00428409	0.00429861	0.00439846	0.00484721	0.00503627	0.00507637	0.00565148
0.02469677	0.0235279	0.02523754	0.02228538	0.02213602	0.02114428	0.02217455	0.02836573
0.00182371	0.00175425	0.00169934	0.00169445	0.00164717	0.0016848	0.00165445	0.00173334
0.05806094	0.05884251	0.05679866	0.05563598	0.05210139	0.05363026	0.05476006	0.05839071
0.13210646	0.15718127	0.17331146	0.18088758	0.17562319	0.18002199	0.18417033	0.19897292
0.15705453	0.16564003	0.18079256	0.1609195	0.17944944	0.19907396	0.22157469	0.24599649
0.04912045	0.05075576	0.05133614	0.04989459	0.04732646	0.04536161	0.04430893	0.04537601
0.18348824	0.15945305	0.15206051	0.15964261	0.20497356	0.22282301	0.24643947	0.23207262
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0.00433063	0.00440751	0.00473105	0.00471434	0.00458463	0.00475861	0.00490416	0.00519903
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0.73820133	0.74602019	0.74082902	0.74487277	0.7382724	0.7529469	0.75809334	0.77324091
0.00701613	0.00624261	0.00658429	0.00749059	0.00779104	0.00704377	0.00689761	0.00718338
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0.01174059	0.01242766	0.0121939	0.01136389	0.01105519	0.01390801	0.01485286	0.01687844
0.02671866	0.02871043	0.02867099	0.02853567	0.02794704	0.02788236	0.02779965	0.02974907
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9.2867E-05	9.6053E-05	9.513E-05	0.00010062	9.5201E-05	4.3579E-05	3.7795E-05	3.2533E-05
9.7549E-06	1.5468E-05	1.6073E-05	1.8084E-05	1.9091E-05	2.3178E-05	2.1851E-05	1.968E-05
0.06413936	0.05411658	0.05807133	0.05864066	0.07242057	0.08186436	0.09470465	0.1109771
0.03231736	0.0414533	0.04733755	0.05497751	0.05572437	0.05160318	0.05735878	0.05839141
0.00138509	0.00155104	0.0006073	0.00059629	0.00062176	0.00051586	0.00047688	0.00048989
0.01853315	0.02258137	0.02437868	0.01892071	0.02338873	0.02423372	0.02807519	0.0254002
0.0028445	0.00298354	0.00297268	0.00286258	0.00299166	0.00279139	0.00257288	0.00205206
0.06989314	0.08132389	0.08612063	0.09158904	0.09105796	0.08970235	0.08986433	0.09105262
1.951E-05	3.0935E-05	2.411E-05	3.6169E-05	3.341E-05	4.0561E-05	4.9164E-05	5.1908E-05
0.00836111	0.0085979	0.00908012	0.00999786	0.01057672	0.01147009	0.01225037	0.01304404
0.00021881	0.0002295	0.00024772	0.00023855	0.0002493	0.00025376	0.00025729	0.00029025
0.02636048	0.02841534	0.02854631	0.02855024	0.02813084	0.02787541	0.02792746	0.02989477
0.01386571	0.01435673	0.01581779	0.01586253	0.01532178	0.01524006	0.01587378	0.01610636
0.01633298	0.01743691	0.01762645	0.01772689	0.01760668	0.01775731	0.01830217	0.02003015
0.00097239	0.00100378	0.001022	0.00115877	0.00152174	0.00153243	0.00113939	0.00137937
0.04095951	0.03608272	0.03388465	0.03352605	0.03329456	0.03184799	0.03095227	0.03219053
0.01638551	0.0176212	0.01762244	0.01755812	0.01711802	0.01728115	0.01732293	0.01860328
0.00340795	0.00389273	0.00208677	0.00214564	0.00154895	0.00304776	0.00288372	0.00216309
4.0273E-05	4.2173E-05	4.6406E-05	5.2577E-05	5.2289E-05	0.00019849	0.00017445	0.00017109
0.4686676	0.5338822	0.60433993	0.605709	0.54449418	0.56639687	0.55815281	0.66386218
0.00546228	0.00520996	0.00559352	0.00493627	0.00491133	0.00469041	0.00492512	0.00630024

0.00065642	0.00068851	0.00099089	0.00071565	0.00074791	0.00076129	0.00077186	0.00062612
0.00175301	0.00174893	0.00179253	0.00186552	0.00199226	0.00186654	0.00090843	0.00264213
0.01292415	0.01501946	0.01473658	0.0153536	0.01509771	0.01659442	0.01516784	0.01683
0.00364646	0.00376419	0.00395615	0.00491599	0.0046314	0.0045973	0.01022576	0.01081566
0.00201027	0.00322731	0.00295301	0.00267665	0.00258943	0.00229561	0.00137248	0.00112927
0.00091899	0.00096391	0.00099089	0.00095419	0.00099722	0.00152258	0.00140339	0.00086189
0.00010974	0.00017401	0.00018082	0.00020345	0.00021	0.00022598	0.00026221	0.00028743
0.00106123	0.00108813	0.00101901	0.0010374	0.00106845	0.00108129	0.00103932	0.00135503
0.00065642	0.00068851	0.00086703	0.00069179	0.00059833	0.00058365	0.00063152	0.00062891
0.05391473	0.06527359	0.07068345	0.0775091	0.09074199	0.0980544	0.10551844	0.11126136
0.00218808	0.00229503	0.00247724	0.00238548	0.00249305	0.00253763	0.00257288	0.00291816
0.00464333	0.00480267	0.0047565	0.00352186	0.00285603	0.00305051	0.00238106	0.00213942
0.00139137	0.00161508	0.00235008	0.002493	0.00207869	0.00197312	0.00190736	0.00206987
0.09526046	0.10961916	0.1090843	0.1115049	0.1148577	0.11272616	0.10804825	0.10582684
0.00543095	0.00597346	0.00578969	0.00559193	0.00552264	0.00538836	0.00523648	0.00581138
0.24969034	0.26161799	0.2620539	0.26298376	0.2598221	0.25795818	0.24329865	0.24968841
0.07567529	0.07256968	0.07126207	0.07182979	0.07351691	0.07566091	0.07991174	0.08537903
0.00060038	0.00077292	0.00084781	0.00097739	0.00110102	0.00127601	0.00135989	0.00148359
0.06576438	0.06595334	0.06642174	0.06775666	0.06877991	0.07140552	0.07041811	0.07334012
0.00718632	0.00775407	0.00834007	0.00972525	0.01123874	0.01332855	0.01508234	0.01605628
0.03326111	0.03697915	0.04357231	0.05177214	0.05088023	0.06170955	0.06665918	0.07203905
0.00877755	0.00855326	0.00817312	0.00840696	0.0084047	0.00855973	0.00863166	0.00909683
0.04357608	0.0450394	0.05073728	0.05322824	0.0481831	0.04793917	0.04422457	0.04745111
0.07900878	0.07805787	0.07049022	0.07233313	0.07374345	0.07138449	0.07047838	0.07488722
0.00512895	0.00518444	0.00531762	0.00533826	0.00559436	0.00626685	0.00512436	0.00563729
0.00554034	0.00620416	0.00607302	0.00650502	0.00621765	0.00656549	0.00556364	0.00470297
0.14535993	0.14378186	0.14024158	0.13101026	0.13889357	0.13796149	0.13134978	0.13864524
0.00356786	0.00493154	0.00512641	0.00565986	0.00596608	0.00733792	0.00702825	0.00725372
0.04691234	0.05032899	0.04792971	0.04783345	0.0477627	0.04701909	0.04603821	0.04269461
0.04508045	0.04611881	0.04796033	0.05023279	0.05021885	0.04957791	0.05165569	0.05638549
0.00575574	0.00658555	0.00632815	0.00634893	0.00566978	0.00667218	0.00699709	0.0071024
0.0006965	0.0007204	0.001094	0.00150937	0.00190402	0.00261472	0.00196532	0.00208195
0.00683468	0.00784192	0.00883171	0.01029935	0.01062458	0.01026074	0.01028759	0.010624
0.00094087	0.00098686	0.00106521	0.00112118	0.00134624	0.00152258	0.00138	0.00143544
0.09031998	0.08144669	0.05298724	0.07282589	0.06236551	0.05973238	0.05067874	0.04717992
0.91442019	0.97898469	0.98535523	0.98692109	0.96592259	0.99550222	1.01454647	1.09517933
0.00066237	0.00114361	0.00149267	0.00146463	0.00159884	0.00130402	0.00132879	0.00137656
0.14164658	0.16050433	0.19445394	0.21793728	0.27339253	0.29054639	0.30023944	0.2917434
0.02748871	0.02597524	0.02734166	0.02436335	0.02444718	0.02321555	0.02492117	0.03163848
0.01058438	0.01156071	0.01165973	0.01267203	0.01241244	0.01121138	0.01238735	0.01235499
0.92860337	0.90903383	0.84555222	0.76256915	0.7141032	0.72384502	0.78102733	0.83072334
0.00487408	0.00493616	0.00462506	0.00447942	0.00488039	0.00481399	0.00439529	0.00423934
0.02009535	0.02212801	0.02258903	0.0244472	0.02591274	0.0277336	0.02562658	0.02737558
7.5555E-06	7.7016E-06	7.5336E-06	7.5108E-06	7.3347E-06	7.5873E-06	7.4317E-06	8.4853E-06
0.00032503	0.00033619	0.00047565	0.00045281	0.00047601	0.00043579	0.00034015	0.00025819
0.00109404	0.00114751	0.00123862	0.00128816	0.00124652	0.00126881	0.00128644	0.00146076
0.00716768	0.00593626	0.00547802	0.00584103	0.00597894	0.00615678	0.00657627	0.00651294
0.00172858	0.00181307	0.00227906	0.00217079	0.00221881	0.00233462	0.00212847	0.00244287
2.8117E-05	4.4938E-05	4.6752E-05	4.5821E-05	5.4287E-05	6.6295E-05	5.6003E-05	7.268E-05
4.3762E-05	4.5901E-05	4.9545E-05	4.771E-05	4.9861E-05	5.0753E-05	4.678E-05	5.5639E-05
0.00034142	0.00054137	0.00048219	0.00049732	0.00038182	0.00038823	0.00046979	0.00049131

0.02864984	0.02771162	0.02851338	0.02652469	0.01708021	0.01824906	0.0178253	0.01882201
0.01938979	0.01848011	0.01980918	0.01749507	0.01741856	0.01662746	0.01749082	0.0223605
0.17737115	0.17131408	0.16775029	0.16822713	0.1719207	0.17861524	0.18040867	0.18877134
0.0013231	0.00149876	0.00158073	0.00159067	0.00155957	0.00162769	0.00163931	0.00196311
0.00032821	0.00034425	0.00029727	0.0002624	0.00047368	0.00050753	0.00049119	0.00050185
0.02713687	0.02536559	0.02660226	0.02846062	0.0323175	0.03425603	0.03658537	0.03784503
2.169E-06	3.4392E-06	3.5738E-06	4.021E-06	4.2449E-06	5.1536E-06	4.8585E-06	5.1128E-06
0.00043762	0.00045901	0.00047067	0.00045324	0.00047368	0.00022839	0.00025729	0.00047797
0.00252175	0.00218295	0.00192222	0.00245352	0.00177459	0.00183995	0.00171609	0.00233988
0.083181	0.08328088	0.08139205	0.08139203	0.09214317	0.1003818	0.10595724	0.11186732
0.00499219	0.00535212	0.00534856	0.00532493	0.00520532	0.00520346	0.00517648	0.0055252
0.02009328	0.02157883	0.02155302	0.02145293	0.02100055	0.02096221	0.02088839	0.02233877
9.2867E-05	9.6053E-05	0.0001427	0.00015094	0.0001428	0.00013074	0.00011338	5.8589E-05
0.01084964	0.01172888	0.01247953	0.01387433	0.01434117	0.01491446	0.01509409	0.01543293
0.01605588	0.01726887	0.01783703	0.01838119	0.02035692	0.02143827	0.02282172	0.02250114
0.08337891	0.0793788	0.07779364	0.0844578	0.08641584	0.08556175	0.08301078	0.09396014
0.04833281	0.05189976	0.05552645	0.06728834	0.07438348	0.08259006	0.08816596	0.09710516
0.00471076	0.00457022	0.00440907	0.00374979	0.00385652	0.00399043	0.00396315	0.00396538
0.00326027	0.00364783	0.00290262	0.00247143	0.00200002	0.00235704	0.00242146	0.00263974
0.27459458	0.2868508	0.28548477	0.28381444	0.27640285	0.27469992	0.27230044	0.28543504
0.01144803	0.01014852	0.01085411	0.01017485	0.0090615	0.00837814	0.00817844	0.00839301
12.0777185	11.4776224	11.5042622	11.5399142	11.706174	11.7192033	11.6914826	12.0190205
0.05090385	0.05456739	0.0545343	0.05429575	0.05308051	0.05306383	0.05278993	0.05634195
7.3161E-06	1.1601E-05	1.2055E-05	1.3563E-05	1.4318E-05	1.7383E-05	1.6388E-05	1.4541E-05
0.23735376	0.24933963	0.25928594	0.27431704	0.27030146	0.25898514	0.26362567	0.26574404
4.8774E-06	7.7338E-06	1.2055E-05	1.3563E-05	1.4318E-05	1.1589E-05	1.0925E-05	6.9656E-06
0.00918201	0.01817565	0.01364835	0.01511899	0.01640376	0.01607617	0.02068843	0.02195599
0.00037147	0.00038421	0.00033296	0.00035219	0.0003332	0.00030505	0.00030236	0.00023442
0.00032503	0.00033619	0.00033296	0.0004025	0.0003808	0.00043579	0.00030236	0.0002201
0.01133959	0.01279483	0.01340792	0.01410738	0.01568889	0.01586241	0.01707426	0.02078798
0.16315513	0.16914755	0.1842153	0.19025987	0.19414946	0.20765461	0.20154937	0.20445287
0.00450051	0.00530006	0.00511852	0.00447924	0.00451876	0.00472201	0.00438566	0.00417516
0.00683453	0.00824292	0.00885	0.0076098	0.00932269	0.00799567	0.00851246	0.00899313
0.01193202	0.01195658	0.01203235	0.01216688	0.01231837	0.01243061	0.01245531	0.01236869
0.48698099	0.49054004	0.48999125	0.48524201	0.47721267	0.46967187	0.46595651	0.46213915
0.4818175	0.50162074	0.5241443	0.54797401	0.52380254	0.54886181	0.57374713	0.59847463
0.00136591	0.00137434	0.00135474	0.00140099	0.00138299	0.00136739	0.00135654	0.00140373
0.30277699	0.31131327	0.31937787	0.32651669	0.33377365	0.34204275	0.34953679	0.36024891
0.03552018	0.03560945	0.03575754	0.03598869	0.03625781	0.03649133	0.0366231	0.03661629
0.59699397	0.65663005	0.70511187	0.74661206	0.78339286	0.8666529	0.95590473	1.01258961
8.72244243	8.72844512	8.81563699	9.22018041	9.59951627	9.81157208	10.0097136	10.3062669
0.61859827	0.63325883	0.64728253	0.65832991	0.66866957	0.68056969	0.6904764	0.70606169
0.04132493	0.0414899	0.04144199	0.04125558	0.04094033	0.04055758	0.04017153	0.03974038
16.5784467	16.8047372	17.0220024	17.2505489	17.4843512	17.7067283	17.9736212	18.2217277
5.22597153	5.2410759	5.22855715	5.21598842	5.19410069	5.19519807	5.18989276	5.18712725
1.61007906	1.63663683	1.66758598	1.69287902	1.72627987	1.6951509	1.72167658	1.76802
0.26210381	0.26959825	0.27713005	0.28519694	0.29372011	0.30268429	0.31212579	0.32260126
4.76323499	4.76753438	4.76473621	4.75722198	4.75761702	4.75273154	4.75110431	4.69861387
0.37875701	0.38648894	0.39579222	0.40548665	0.41574587	0.42620012	0.43712774	0.44737376
0.59639589	0.610574	0.62632066	0.64421363	0.66309077	0.68261537	0.70378497	0.72477668

3.19609232	3.39906469	3.66196928	3.89444651	4.13076276	4.4217888	4.71260583	4.97430532
7.36807936	7.43843229	7.48169189	7.52608271	7.56845751	7.58719672	7.56805843	7.5419554
0.15112639	0.15894526	0.16544101	0.17116866	0.17595106	0.18085395	0.22874855	0.33541782
0.12358692	0.12821045	0.1327876	0.13759994	0.14255818	0.14768054	0.15257083	0.15738249
0.38107727	0.39085586	0.39967586	0.40478591	0.41129461	0.41513219	0.41804829	0.42108539
2.33244134	2.34167321	2.35439359	2.37057105	2.38976255	2.39448635	2.40273406	2.41533766
0.09519377	0.09705475	0.09844294	0.10101014	0.10382733	0.105341	0.1077399	0.10947373
0.01757455	0.01767608	0.01776172	0.01784377	0.01792679	0.01800836	0.01808845	0.01816842
0.37558807	0.38704188	0.39429055	0.39990547	0.40655386	0.4138159	0.42708711	0.43034661
40.2707783	43.4767863	44.8695018	47.7487553	49.1691502	51.8681738	53.7427673	54.9809968
0.13961701	0.14259278	0.13879177	0.13674467	0.135058	0.13455588	0.13302898	0.13251088
0.03467068	0.03573499	0.03688275	0.0380046	0.03911765	0.04021206	0.04151147	0.04265259
0.01804683	0.01897215	0.01988518	0.02083775	0.02182959	0.02289717	0.02406865	0.02545237
0.05187163	0.05381757	0.05940789	0.06532275	0.07100774	0.07828781	0.08495081	0.09368687
0.18386649	0.18872204	0.19430534	0.20022976	0.20640567	0.21207789	0.21745908	0.22215366
20.0625504	20.3192178	20.5315378	20.544711	20.9796672	21.4111517	21.5911264	21.9358157
1.6984016	1.69188554	1.68272431	1.67320662	1.66532336	1.6603361	1.65556201	1.6531934
4.3227039	4.49225254	4.54299137	4.49958962	4.75712976	4.8911967	4.96416214	5.04973691
100.656359	103.362943	103.416677	104.225563	104.476308	105.000288	106.993923	107.688963
0.93615735	0.97614086	1.01444054	1.05138042	1.08918454	1.12316364	1.15889372	1.19545008
0.83027933	0.8997075	0.98954105	0.94890322	0.99435327	1.0443363	1.09516713	1.14792487
2.52070763	2.60558239	2.69152135	2.77874174	2.86779398	2.96137241	3.06239798	3.17403059
0.18311437	0.19067273	0.19864005	0.20719851	0.21507614	0.22388157	0.23267679	0.23952765
0.00353507	0.00343736	0.00344097	0.0034538	0.00347645	0.00349972	0.00352339	0.00357978
7.10826043	7.39253286	7.67718319	7.91786263	8.19306871	8.46578961	8.79389769	9.06955958
0.04400595	0.04569785	0.04749474	0.04926457	0.05103662	0.05286807	0.05480643	0.0569082
0.01683009	0.01670696	0.01681277	0.01704167	0.01721901	0.01744857	0.017756	0.01818424
0.58451815	0.60426619	0.62562284	0.64718532	0.67242744	0.70140992	0.72840196	0.76179032
3.32406057	3.32090454	3.44437016	3.48835608	3.49525028	3.58455669	3.64365857	3.67220627
0.00459111	0.00480845	0.00499874	0.0051689	0.00533356	0.00552094	0.00574584	0.00601872
0.18614426	0.18945724	0.19158901	0.19356465	0.19427266	0.19481222	0.19539849	0.19747493
4.23274566	4.26789906	4.2961514	4.38416744	4.39232954	4.46947983	4.49267594	4.50049043
45.5994937	45.6861862	45.7904708	45.0596437	44.9740355	44.875132	44.917319	44.6748261
0.11458795	0.12441444	0.13150882	0.13664444	0.14111105	0.14674969	0.15504839	0.16599831
0.01610532	0.01648579	0.01695343	0.01742402	0.0178419	0.01822548	0.01860355	0.01899033
2.21306419	2.20895208	2.20113679	2.19057359	2.17365337	2.17271917	2.16239819	2.15182512
1.10925968	1.15169873	1.19842327	1.23293295	1.25955633	1.2856186	1.30278044	1.32764419
3.39693049	3.561054	3.76143936	4.0019804	4.20598347	4.44174548	4.69037501	4.9218778
1.53680133	1.59531426	1.65203237	1.70965409	1.77113291	1.8455269	1.91573229	1.9887166
6.37614431	6.57306163	6.752757	6.92006992	7.0865859	7.24257105	7.40538972	7.55062722
0.26362262	0.27128135	0.27946409	0.28787865	0.29657733	0.30559799	0.31553722	0.32598952
0.02874956	0.03222033	0.03429865	0.03864198	0.04137547	0.04410836	0.0468565	0.04975417
9.43336865	9.51075841	9.58756181	9.63956037	9.68626904	9.71217945	9.72729959	9.74836911
1.50951354	1.51674551	1.51725857	1.51197676	1.53770242	1.53033945	1.53689763	1.53877478
3.6507625	3.67742832	3.72038218	3.77697545	3.84644134	3.91784159	3.99308914	4.07411051
5.89538397	5.95057387	5.97445212	5.90584628	5.98147226	6.10527328	6.11395904	6.11725863
0.17973751	0.1810116	0.18933887	0.19552294	0.19169786	0.20572736	0.20363493	0.21555588
0.00036989	0.00036984	0.00037677	0.00038197	0.0003895	0.00039702	0.0004049	0.00041937
20.0874958	20.0494818	20.0776867	20.0589596	20.0589215	20.0392958	19.9573312	19.9503244
0.02050277	0.02059779	0.02069606	0.02075321	0.02083647	0.02090317	0.0209651	0.02102138
0.07890185	0.08082967	0.08386304	0.08657905	0.08963052	0.09274975	0.09616072	0.09996752

52.4027976	52.2549372	52.2066581	52.1402167	52.0859916	52.0620368	51.9441266	51.9257536
1.97595704	2.01120551	2.0457067	2.07799619	2.11381868	2.14983062	2.18839405	2.22296755
0.95551319	0.98687734	1.0135185	1.04498691	1.07961288	1.11478975	1.15116108	1.18204643
0.01212382	0.01211539	0.01208851	0.01205223	0.01199418	0.01190844	0.01179609	0.01164782
0.56482314	0.5714255	0.58036714	0.59199917	0.60523224	0.61877139	0.63306007	0.64641907
0.05787436	0.05817051	0.05719252	0.05896911	0.05939957	0.05979235	0.06175478	0.06365711
0.05281139	0.0550908	0.05697441	0.05903272	0.06130471	0.0638846	0.06677167	0.06997297
0.06138437	0.06497703	0.06962022	0.07488509	0.08059154	0.0866245	0.09283251	0.09932871
0.01978546	0.02052481	0.02141659	0.02274019	0.02428073	0.02588046	0.0272479	0.02823798
3.75809836	3.79700783	3.81710389	3.83842227	3.86000442	3.87924533	3.90145626	3.91824535
0.02193263	0.02208554	0.02246362	0.02307741	0.02381051	0.02444406	0.0248436	0.02493822
0.04851836	0.04853696	0.04893421	0.04940436	0.04987072	0.05029524	0.05078948	0.05108453
1.85307561	1.91378491	1.97470098	2.04085769	2.10290557	2.16513641	2.2317431	2.29892758
0.00825428	0.00864762	0.00908008	0.00959114	0.01014406	0.01075169	0.01145008	0.01221547
0.37397239	0.37780641	0.37845142	0.37646048	0.3721282	0.3690328	0.36604277	0.362744
2.28411717	2.35956689	2.42252088	2.47586624	2.50069274	2.56280096	2.60930639	2.71845102
0.66714477	0.69680837	0.72601537	0.75486137	0.78439021	0.81667687	0.84950634	0.88236316
0.78836793	0.79854982	0.8194792	0.8179548	0.81253537	0.87219342	0.8916097	0.94593608
0.5977404	0.60090353	0.60355768	0.60776408	0.61400594	0.62123062	0.62895146	0.63363555
4.93558588	4.92457322	4.91382698	4.91211004	4.89988214	4.88627925	4.83653978	4.80930642
9.47686257	9.91652189	10.3285228	10.7377177	11.418681	12.1853949	12.9093213	13.5212359
57.1389545	57.8833467	59.123226	60.1160053	61.7783981	62.1020966	62.8727725	65.7222166
2.06335057	2.10004315	2.10728537	2.12946809	2.13785499	2.15527718	2.1642788	2.16676739
4.28127313	4.41539184	4.553577	4.68968754	4.85934324	5.02922896	5.259899	5.41692468
3.62287391	3.76809979	3.74517263	3.87485264	3.99234279	4.11658573	4.24906023	4.33810955
0.19837349	0.19873665	0.19912503	0.19943736	0.19976802	0.20008399	0.20048305	0.20082605
2.66015238	2.72665502	2.78142093	2.84289149	2.90099884	2.95918985	3.02778271	3.07507425
27.6475861	27.3711924	27.0405904	26.743548	26.4625087	26.1332654	25.7809487	25.5041043
0.19642929	0.19642939	0.1993204	0.20090852	0.20512041	0.20826898	0.2118204	0.21272204
0.57868887	0.60210351	0.63683461	0.67700844	0.72177417	0.76867948	0.81758814	0.86588465
20.3807598	20.0779342	19.8395848	19.8086074	19.8636579	19.8616795	19.6357882	19.5687775
2.22886663	2.23468619	2.2491579	2.25822579	2.27536804	2.29135584	2.30007908	2.32456105
0.68950456	0.80169782	0.82628668	0.85234523	0.88058884	0.91568617	0.93602674	0.96579474
0.76272664	0.77803463	0.79350129	0.80843722	0.82523645	0.84183006	0.85789394	0.87414942
0.29809164	0.31964436	0.34102749	0.35871166	0.37954283	0.40240389	0.42580898	0.44339925
0.00758233	0.00788113	0.00806921	0.00825065	0.00843969	0.00864732	0.00888644	0.00916565
0.02598677	0.02569604	0.0253427	0.02528429	0.02454865	0.02444561	0.02400314	0.0237644
5.48776569	5.84527559	6.18642632	6.10402248	6.32594674	6.510221	6.7761806	7.13925222
1.94895889	2.06835262	2.17784445	2.25626181	2.40583794	2.5423538	2.73584046	2.92153676
0.11376022	0.11661412	0.11976335	0.12326669	0.12730532	0.13169165	0.13602712	0.14092887
0.89940866	0.91903245	0.93930893	0.96089674	0.98362466	1.00513645	1.02449247	1.03412067
0.16582078	0.17112563	0.17769813	0.18508661	0.19247762	0.19945523	0.20572334	0.21286756
1.06557961	1.13853958	1.20484041	1.29032458	1.42762204	1.58550674	1.65494474	1.68347854
0.02667082	0.02738664	0.02809188	0.02879104	0.02950786	0.03026694	0.03107531	0.03196379
2.24165823	2.28697809	2.3237962	2.38500287	2.41310134	2.44882294	2.46327381	2.4906201
0.0599893	0.0607025	0.06132451	0.06203843	0.0626222	0.0631062	0.06352455	0.06421227
1.04472516	1.0604315	1.075383	1.08852976	1.1122966	1.12658659	1.14141171	1.16382865
0.1214709	0.12199477	0.12171547	0.12124296	0.12074565	0.12022413	0.1196343	0.11961137
0.56631918	0.57421693	0.58145737	0.58456374	0.59392357	0.5990261	0.60169411	0.60390972
0.01754144	0.01788839	0.01815298	0.01872419	0.01930335	0.01999846	0.02073139	0.02147576
4.91810545	5.14284618	5.36537258	5.61324345	5.87132425	6.11706217	6.36782028	6.63286084

0.71465796	0.73112435	0.75276354	0.77371196	0.7989051	0.82018133	0.84139134	0.85957074
0.46070283	0.47590437	0.49192257	0.5064898	0.52602805	0.54204065	0.558782	0.57721638
0.01847485	0.01990912	0.02112422	0.02241914	0.02380317	0.0252531	0.02674453	0.02769889
23.8043084	24.7525118	25.7029472	26.7220686	27.685179	28.4562072	29.3954913	30.1732586
0.44990614	0.46252457	0.47784594	0.49239612	0.50954335	0.51277111	0.52313155	0.52761626
0.45884509	0.46114486	0.4587929	0.45639987	0.45350723	0.45044118	0.44604347	0.44112165
0.0393769	0.03952258	0.03973297	0.03987019	0.04009944	0.04028831	0.04044523	0.0404751
2.06670094	2.04636831	2.03614692	2.0218137	2.0076787	1.99875586	1.99973148	1.98281442
0.20994402	0.21442682	0.21996165	0.22461174	0.22908722	0.23425985	0.23878439	0.24500761
0.60482741	0.59549063	0.58866271	0.57888799	0.56789867	0.55573541	0.54216756	0.52590156
0.19267063	0.19977818	0.20706909	0.21445399	0.22205258	0.22990623	0.23820208	0.24670105
0.04661817	0.04764927	0.04820702	0.04896922	0.04994242	0.05093655	0.05200186	0.05272357
0.36236492	0.35542745	0.36240043	0.36986209	0.3681213	0.36869121	0.37342592	0.38020313
0.35545777	0.35807545	0.35956863	0.35917304	0.35903868	0.36027904	0.36541257	0.37676346
1.9959422	2.07381714	2.14878936	2.22458348	2.35550098	2.49438036	2.6812538	2.75605499
0.06844592	0.07172793	0.07209272	0.07409183	0.0766245	0.07952254	0.08278751	0.08671292
0.01950572	0.01996976	0.02038514	0.02079733	0.02118057	0.02159332	0.02205105	0.02242695
0.43957071	0.4363844	0.43237806	0.42716526	0.42166303	0.41386008	0.40521449	0.39854929
6.80896256	7.05220005	7.20429677	7.36089094	7.5208957	7.68670697	7.87416506	8.0522527
0.49400374	0.50154672	0.51703272	0.53325624	0.54860678	0.56367472	0.57542791	0.58880629
15.5234121	15.5905629	15.6450368	15.6897321	15.7500152	15.8414919	15.8957788	15.9851867
2.7807175	2.81207763	2.82964514	2.82396084	2.83397373	2.87206466	2.88231627	2.87552553
1.15243076	1.16280777	1.17434239	1.18534605	1.1985226	1.20518294	1.21470896	1.22342179
3.82267934	3.84543711	3.88145256	3.89530978	3.91072897	3.93340987	3.96745015	3.98179182
0.16434033	0.18002603	0.19698665	0.21522854	0.23458646	0.25389435	0.27379141	0.29302451
6.37546454	6.5404179	6.74125702	6.96787446	7.1714782	7.32305489	7.46859298	7.6222033
0.36850928	0.37929807	0.39141523	0.40469453	0.41490431	0.42609383	0.43669249	0.44694678
3.75612525	3.87155669	3.98909256	4.09755089	4.18660794	4.30421765	4.52973424	4.63445637
3.95025751	4.01201725	4.13521916	4.26199988	4.44244774	4.61866541	4.71298225	4.87143402
0.00184802	0.0018684	0.00192154	0.0019907	0.0020728	0.00215879	0.002241	0.00231846
0.35681504	0.36580521	0.36952045	0.37353443	0.37620931	0.37855339	0.37990689	0.38223946
17.6105265	17.7718754	17.6846179	17.9238887	18.2970568	18.3027719	18.1729418	18.4013011
0.61530185	0.63404129	0.67566493	0.71959536	0.76561591	0.81354788	0.86386097	0.89713064
3.3681806	3.41095075	3.45947899	3.50362867	3.55086971	3.59689665	3.6406981	3.6814398
4.66703805	4.70264131	4.71906369	4.87481394	4.81914745	4.83272907	4.76896626	4.80391338
0.2366672	0.24091876	0.24339952	0.24556424	0.24971038	0.25239952	0.2553708	0.25577139
0.02201025	0.02271958	0.02337526	0.02403177	0.02470914	0.02538374	0.0260676	0.02674459
0.22002459	0.26227891	0.26065099	0.2841269	0.32390583	0.35697065	0.36982334	0.40051536
0.06085334	0.06033965	0.0615417	0.06261782	0.06294087	0.0647439	0.06529515	0.06700333
5.33679954	5.42710483	5.42229585	5.49154657	5.61470921	5.70837354	5.71293212	5.71082725
69.5893648	70.1765115	70.8907875	72.0917387	73.9280938	74.7901717	74.7761805	75.742187
0.4296556	0.43003448	0.42930467	0.42739991	0.42524115	0.42368507	0.42328397	0.42449868
3.47121057	3.75814335	4.06804351	4.41341659	4.81468321	5.72206395	6.60968359	7.15342058
2.0391795	2.14884693	2.16542745	2.18739675	2.20891732	2.37791396	2.33699376	2.36706168
2.16222385	2.21356863	2.28174508	2.34860181	2.41953071	2.48554937	2.5485739	2.62338271
0.55826737	0.5752189	0.59271319	0.61074104	0.63060688	0.65074084	0.67093999	0.69295434
0.37584374	0.3791081	0.38202369	0.38675836	0.39264605	0.66570423	0.70454154	0.72265475
0.00064613	0.00064945	0.00065527	0.00068607	0.00069128	0.00069515	0.00070024	0.00069726
0.04396422	0.0457677	0.04766364	0.04969825	0.05169056	0.05376333	0.05586786	0.0578645
0.22492495	0.23400783	0.24336566	0.25295478	0.26261603	0.27287861	0.2841308	0.29611446
0.76709593	0.79047989	0.81268876	0.83618227	0.86152109	0.88478022	0.9086017	0.93142018

0.83786963	0.89461165	0.92851639	0.94319018	0.94532824	0.94520869	0.94978704	0.96235213
0.00480679	0.00480554	0.0048041	0.00535073	0.00535079	0.0053628	0.00536146	0.00537129
0.00603075	0.00615812	0.00626354	0.00639252	0.00651405	0.00663476	0.00676072	0.0069043
0.12729414	0.13218802	0.13318928	0.13351226	0.13403582	0.13507014	0.13674095	0.13862498
3.20449234	3.28363203	3.27136023	3.38531943	3.45309895	3.47613308	3.48128756	3.47821179
0.87558198	0.90657039	0.91763426	0.93228555	0.94193613	0.95566524	0.94306631	0.95625593
5.82195137	5.79798909	5.75134636	5.62290446	5.72269589	5.78668562	5.74271961	5.77233405
0.29225099	0.29039365	0.29693672	0.30044223	0.32810654	0.33470914	0.3305394	0.3478775
0.0292888	0.03025822	0.03078067	0.03119142	0.03151719	0.03176022	0.03194384	0.03203328
1.32986286	1.37349195	1.42895757	1.47875202	1.54882885	1.60045963	1.64399222	1.68927095
0.00167218	0.00173968	0.00187769	0.00204245	0.00222669	0.00242251	0.00262648	0.00281768
0.47093713	0.47875266	0.48670171	0.49531597	0.50457336	0.51420955	0.52537432	0.53747237
0.28446509	0.29112096	0.29989248	0.30993909	0.32061941	0.33170148	0.34261834	0.35335925
7.06296928	7.22367711	7.44177625	7.71124178	7.86280593	8.15069832	8.36356689	8.56978526
0.6234579	0.637392	0.65319515	0.66887694	0.68617427	0.70351171	0.72194127	0.74132821
0.51245568	0.52302335	0.53682127	0.54737505	0.56045329	0.57310875	0.58674353	0.6013532
0.02631019	0.0259542	0.02633641	0.02715793	0.02829966	0.02954425	0.03089262	0.03198429
0.0245062	0.02522165	0.02559898	0.02591029	0.02617632	0.02644464	0.02672942	0.02698219
1.200841	1.25032546	1.24478226	1.33584982	1.44412549	1.51783324	1.60191995	1.59680318
1.06973053	1.11778415	1.16384523	1.21254339	1.26278869	1.31545252	1.36871527	1.42498946
3.42586139	3.46750036	3.574997	3.57549724	3.64039999	3.71506573	3.74839088	3.9609156
2.7788907	2.988208	3.1097615	3.26936442	3.40159064	3.67433874	3.83234115	3.98450678
0.68450702	0.72271418	0.76574262	0.80999914	0.85750164	0.90586164	0.95635767	1.00864581
0.5840745	0.62368938	0.667337	0.71326518	0.76154886	0.81273017	0.86766776	0.9234386
5.96109829	6.00065972	6.09372277	6.145597	6.27087146	6.28590998	6.2821043	6.34140671
0.28663985	0.29731093	0.30052763	0.30325362	0.30943418	0.30344744	0.30376279	0.31702724
236.878173	238.070159	238.673613	238.7242	239.070299	238.702012	237.89689	238.342826
2.70251179	2.79214151	2.87299656	2.95385809	3.04925582	3.12632337	3.21188443	3.32345343
0.01771388	0.01816256	0.01867164	0.01910057	0.01955347	0.02000007	0.0204037	0.02081077
3.90770338	4.09818021	4.24925286	4.40327043	4.53392877	4.69976725	4.89688101	5.07345501
0.00074721	0.00077238	0.00081223	0.0008618	0.00091916	0.00098394	0.00105374	0.0011354
3.81732276	3.89987998	3.98488998	4.07104999	4.1580211	4.24733899	4.33381543	4.43342137
0.02281476	0.02360233	0.02443452	0.02526557	0.02615131	0.02700266	0.02790715	0.02881211
0.02194617	0.02208573	0.02223658	0.02240628	0.02257251	0.02273832	0.02287388	0.02297085
0.70419021	0.73722834	0.77192943	0.80914467	0.84850502	0.8895128	0.9334386	0.98081952
6.54180978	6.73477365	6.99013912	7.34160328	7.41526178	7.45560274	7.75851475	8.00125235
0.26356194	0.27634136	0.2854967	0.29741676	0.3073224	0.31677656	0.32442866	0.3340182
0.49081974	0.51734303	0.54812309	0.58650587	0.62151905	0.66994541	0.70426953	0.73751937
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0	2.3149E-07	2.3816E-06	1.7473E-06	2.029E-06	2.1653E-06	1.2612E-06	6.5556E-06
0	1.2095E-05	0.00012443	9.1294E-05	0.00010601	0.00011313	6.5897E-05	0.00034252
0.337695	0.412895	0.36613	0.34545	0.320775	0.35908	0.376705	0.394095
1.50201212	1.6928853	1.7056098	1.7946813	1.73106325	1.75674725	1.78219625	1.91740896
0.2508732	0.25189164	0.25826147	0.26650185	0.22337619	0.06744899	0.00042952	0.00223255
0	3.7713E-06	3.88E-05	2.8466E-05	3.3055E-05	3.5275E-05	2.0547E-05	0.0001068
2.93366306	2.87057554	3.32995014	2.94328483	2.88579207	3.84146034	4.63167592	4.57807605
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0.3379515	0.34002454	0.34771864	0.35864133	0.39225095	0.37717969	0.3867121	0.34443826
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0	8.6606E-05	0.00089102	0.00065371	0.0007591	0.00081008	0.00047186	0.00245263
1.603287	1.603287	1.654185	2.1758895	2.188614	2.2522365	2.2267875	2.31808938
0.4988004	0.48099478	0.51415912	0.70245793	0.8271686	0.90224826	0.8704031	0.77725907
0	8.9047E-05	0.00091613	0.00067213	0.0007805	0.00083291	0.00048516	0.00252175
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2.97154339	3.45107182	3.1358432	3.18375768	4.14826297	4.11524691	5.28232793	5.84314853
0	5.8291E-05	0.0005997	0.00043999	0.00051092	0.00054523	0.00031759	0.00165075
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10.9322013	12.4673002	13.1610495	12.8259892	12.8816597	13.718531	13.6606523	13.2839648
0.67792491	0.70604887	0.67411703	0.66252639	0.64644648	0.70118108	0.68471143	0.73755342
0.01680367	0.01681685	0.0132963	0.01424645	0.0107259	0.00909105	0.0093305	0.0121505
2.91019155	2.77903377	2.50745284	2.86191712	3.3924817	3.27595892	4.16397811	4.07644869
0	0	0	0	0	0	0	0
0.4547664	0.404028	0.73574023	0.72111515	0.60299176	1.40623106	0.92023671	0.56092089
0	0	0	0	0	0	0	0
0	1.1292E-06	1.1618E-05	8.5235E-06	9.8977E-06	1.0562E-05	6.1524E-06	3.1979E-05
0.02831867	0.03491185	0.0725163	0.08310145	0.0915659	0.10591105	0.1176655	0.1073255
0	9.2643E-08	9.5311E-07	6.9927E-07	8.1201E-07	8.6654E-07	5.0474E-07	2.6236E-06
0	1.436E-05	0.00014774	0.00010839	0.00012587	0.00013432	7.824E-05	0.00040667
0	9.0231E-05	0.00092832	0.00068107	0.00079088	0.00084398	0.00049161	0.00255527
0	9.9225E-05	0.00102083	0.00074895	0.0008697	0.0009281	0.0005406	0.00280994
0.0028004	0.0031008	0.00522803	0.00468961	0.00502405	0.00522125	0.00442789	0.00957223
10.9215897	11.0419337	11.1189808	11.4020382	12.0995688	13.1045073	13.5472584	12.8347542
0.03745706	0.03777009	0.05057103	0.05373969	0.0600431	0.05973705	0.07065864	0.10119742
0	0	0	0	0	0	0	0
0.03102	0.03983205	0.08133926	0.08806853	0.09220597	0.10143986	0.10662274	0.14337484
0	2.7668E-05	0.00028465	0.00020884	0.00024251	0.00025879	0.00015074	0.00078353
1.551532	1.73626518	1.91317867	2.03772269	2.08434906	2.20241366	2.52190742	2.15087737
4.58405872	6.06251645	6.22316159	5.96777858	6.15498651	6.56635742	6.52505749	6.39218415
0.00140019	0.00144632	0.00154051	0.0015593	0.00159978	0.00164229	0.00164916	0.00183392
0	1.5598E-06	1.6048E-05	1.1774E-05	1.3672E-05	1.459E-05	8.4984E-06	4.4173E-05
0.0598085	0.07004585	0.07775605	0.08565392	0.09023437	0.09409082	0.10644713	0.11808178
0	0	0	0	0	0	0	0
5.92293445	6.3548184	6.42847016	6.32583283	6.07038713	6.2975954	5.13640335	5.60830156
0	4.5707E-06	4.7024E-05	3.45E-05	4.0062E-05	4.2752E-05	2.4902E-05	0.00012944
10.0113846	10.4477664	9.82097376	9.7092216	11.0631275	11.9644192	12.2343274	12.457381
0	1.3238E-05	0.0001362	9.9924E-05	0.00011603	0.00012383	7.2127E-05	0.0003749
0.672789	0.74843073	0.68874272	0.75242958	0.1692164	0.18116101	0.19349146	0.47640973
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
2.79414243	3.02759579	3.04556212	2.96773871	2.82529845	3.27586774	3.12598454	3.20765092
0.00129367	0.00154185	0.0015463	0.00155645	0.0015609	0.00157105	0.0015755	0.0015755
0	0.00013751	0.00141473	0.00103794	0.00120528	0.00128621	0.0007492	0.00389418
0.32618	0.386105	0.371065	0.38164	0.388925	0.48269	0.567525	0.538855
0	0	0	0	0	0	0	0
0.6260454	0.60188361	0.64401152	0.87937433	0.95828419	1.01173577	1.04730675	1.09600385
0.7183377	0.74196577	0.74940526	0.75245085	0.74625587	0.75861244	0.75150289	0.68655342
0.45167	0.62792	0.567995	0.547315	1.099969	1.443527	1.532687	1.5877602

5.5480548	5.87311752	6.07010336	6.32856338	6.57065618	8.20306739	9.11423294	8.21728218
0.01089471	0.01298275	0.01718809	0.01792297	0.01839153	0.02037033	0.01909988	0.03083017
0.735589	0.762821	0.7632225	0.95676	0.9943002	1.264652	1.530893	1.63124368
0.422295	0.50572	0.479635	0.48739	0.491385	0.603245	0.70265	0.627685
0.90750797	0.93442671	0.94214786	0.96263418	0.97358991	1.02841823	0.93868798	0.98786895
0.07214966	0.04478606	0.11060898	0.12140576	0.14565361	0.1903185	0.21759771	0.25505493
3.67122673	3.6961072	3.86332529	3.52738596	3.17477194	3.59523386	3.60503534	4.13574611
0	2.0233E-05	0.00020816	0.00015272	0.00017734	0.00018925	0.00011023	0.00057298
0	2.2795E-07	2.3452E-06	1.7206E-06	1.998E-06	2.1322E-06	1.2419E-06	6.4554E-06
23.5858144	25.2854894	22.7106626	21.0171013	20.9495707	24.3465186	24.0886841	24.5169939
0	7.2154E-05	0.00074233	0.00054462	0.00063243	0.0006749	0.00039312	0.00204334
0	0	0	0	0	0	0	0
0	1.0972E-05	0.00011288	8.282E-05	9.6173E-05	0.00010263	5.9781E-05	0.00031073
0	0	0	0	0	0	0	0
0	1.5115E-07	1.5551E-06	1.1409E-06	1.3248E-06	1.4138E-06	8.2351E-07	4.2805E-06
1.25087775	1.2800747	1.21205673	1.27348637	1.28777119	1.56888373	1.53718215	1.5266999
0.330175	0.39569099	0.37398623	0.37330268	0.37099499	0.44738278	0.51012869	0.47980719
0	0	0	0	0	0	0	0
0	6.7253E-07	6.9191E-06	5.0763E-06	5.8947E-06	6.2905E-06	3.6641E-06	1.9045E-05
0.180245	0.192465	0.16873	0.157215	0.14382	0.157685	0.161445	0.184475
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0.00019631	0.0020196	0.00148172	0.00172061	0.00183615	0.00106953	0.00555921
0	6.7816E-05	0.0006977	0.00051188	0.00059441	0.00063432	0.00036948	0.0019205
0	0.00023344	0.00240162	0.00176199	0.00204607	0.00218346	0.00127183	0.00661074
0	0	0	0	0	0	0	0
0	1.0471E-05	0.00010772	7.9033E-05	9.1775E-05	9.7938E-05	5.7047E-05	0.00029652
0	5.015E-06	5.1595E-05	3.7853E-05	4.3956E-05	4.6908E-05	2.7323E-05	0.00014202
0.8715922	0.88106907	0.89684368	0.91871132	0.98499129	1.06275097	1.08748454	1.11196666
0	4.3565E-05	0.0004482	0.00032883	0.00038184	0.00040749	0.00023735	0.00123372
0	0	0	0	0	0	0	0
0	3.4377E-05	0.00035368	0.00025948	0.00030132	0.00032155	0.0001873	0.00097354
0	0	0	0	0	0	0	0
0	1.06E-05	0.00010906	8.0013E-05	9.2913E-05	9.9152E-05	5.7754E-05	0.0003002
0	0	0	0	0	0	0	0
0	3.2662E-06	3.3603E-05	2.4654E-05	2.8628E-05	3.0551E-05	1.7795E-05	9.2497E-05
0	0	0	0	0	0	0	0
0.000047	0.000047	0.000047	0.000047	0.000047	0.000047	0.000047	0.000047
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0.02585	0.03128993	0.06451441	0.07146869	0.0762112	0.08539676	0.09160533	0.11590431
0	0	0	0	0	0	0	0
6.10906703	6.2472619	6.3006334	6.30967139	6.63495308	7.12740519	7.27434	7.59351695
6.19080643	6.0375211	5.93671432	5.89217656	6.45096305	7.14073589	7.16741567	6.85464833
0.6523811	0.65726426	0.65909373	0.69701133	0.92299245	1.0155357	1.01709883	0.9758456
0	5.2239E-05	0.00053744	0.0003943	0.00045787	0.00048862	0.00028461	0.00147935
0.439685	0.55037	0.523345	0.53251	0.53627	0.657765	0.76469	0.81498
0	0	0	0	0	0	0	0
0	0.00010893	0.00112073	0.00082224	0.00095481	0.00101892	0.00059351	0.00308494
0.32806	0.34968	0.29892	0.269075	0.234295	0.24111	0.22466	0.215495
0	3.8606E-05	0.00039718	0.0002914	0.00033838	0.0003611	0.00021034	0.00109329

0.96286912	0.93952767	0.68929462	0.499685	0.53773024	0.59376189	0.62902848	0.58665196
0	0.00038355	0.00394606	0.0028951	0.00336186	0.0035876	0.00208971	0.010862
0.04107415	0.04397107	0.04806696	0.0486634	0.04914482	0.0426994	0.04938367	0.07686995
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
2.76261669	3.06815855	3.08197782	2.64906843	2.84010752	3.10742793	3.1451876	3.28129034
30.2035644	30.9288008	31.2710012	32.9286769	37.564978	40.3075794	41.8444883	41.6032055
0	1.3446E-05	0.00013834	0.0001015	0.00011786	0.00012577	0.00007326	0.00038079
1.321875	1.75089616	1.58516874	1.53071825	1.46039612	1.68843215	1.84084634	1.95416923
0.61713825	0.59447524	0.65052398	0.87796271	1.03504349	1.12882316	1.08219397	1.0024707
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0.191102	0.22477679	0.21880669	0.21639142	0.21506186	0.25710188	0.28802348	0.31498424
0	1.3199E-06	1.358E-05	9.9629E-06	1.1569E-05	1.2346E-05	7.1913E-06	3.7379E-05
0	2.7759E-07	2.8559E-06	2.0953E-06	2.4331E-06	2.5965E-06	1.5124E-06	7.8612E-06
0	1.6891E-07	1.7378E-06	1.2749E-06	1.4805E-06	1.5799E-06	9.2027E-07	4.7834E-06
0.5064444	0.5158404	0.380538	0.39933	0.3157056	0.216108	0.2706048	0.24523519
0.0856818	0.08899511	0.07657247	0.0789554	0.08460426	0.07395985	0.07394795	0.07321249
0.29079699	0.28058114	0.30015109	0.40896176	0.36680983	0.41199647	0.43990385	0.43286664
0.95327787	0.95727964	0.98073751	1.00256361	1.02123919	1.0644594	1.11601793	0.98470758
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0.432635	0.48739	0.48034	0.50666	0.528985	0.672805	0.81028	0.92825
1.97316	2.68488211	2.74862175	2.43895057	2.65769356	2.81081634	2.9420097	3.12925126
0	1.1148E-05	0.00011469	8.4144E-05	9.771E-05	0.00010427	6.0736E-05	0.0003157
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0.85609377	0.82457638	0.94407512	0.99803044	1.03461473	1.38330204	1.83319686	1.97797307
0.000987	0.001222	0.001269	0.001316	0.001692	0.002444	0.002021	0.002491
0.1879032	0.18926445	0.19519416	0.20070822	0.21962208	0.23126524	0.24176007	0.24632363
0	1.3492E-05	0.00013881	0.00010184	0.00011826	0.0001262	7.3509E-05	0.00038208
83.6782657	76.717251	76.6467839	72.9295137	78.8900187	86.5863079	85.8426638	86.9201907
0	0.00012889	0.00132602	0.00097286	0.0011297	0.00120556	0.00070222	0.00365001
0	1.402E-07	1.4424E-06	1.0583E-06	1.2289E-06	1.3114E-06	7.6387E-07	3.9705E-06
1.224993	1.79746308	1.81964296	1.68909264	2.01401868	2.26238642	2.35672499	2.38021684
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0.52127891	0.57142565	0.89814728	1.03253531	1.23791047	1.34761327	1.40757952	1.41621867
0	1.9427E-07	1.9987E-06	1.4664E-06	1.7028E-06	1.8171E-06	1.0584E-06	5.5015E-06
0	0	0	0	0	0	0	0
2.37501098	2.41020172	2.3766455	2.43044343	2.28579828	2.16758516	1.9889804	1.67231541
1.41743667	1.46012357	1.48220169	2.25533016	2.22182202	2.10382801	2.37208075	2.36801651
0.8750112	0.87248518	0.91326268	0.90675407	0.9322031	0.95114794	0.93000196	0.9555857
0.00375843	0.00384445	0.00388575	0.00387908	0.00373629	0.00361261	0.00246956	0.00225701
0.05390291	0.0601345	0.06413532	0.06873605	0.07528863	0.08140011	0.08695432	0.0953726
24.134644	23.6466938	23.3658497	23.1382696	23.4783409	24.0433516	23.6033454	23.3482717
0.39412697	0.39989801	0.39863086	0.39698529	0.40903911	0.41551842	0.42111746	0.42493778
0.00672493	0.00758614	0.00742312	0.00780636	0.00791578	0.0079896	0.00874919	0.00881611
27.4326359	26.8986828	26.555779	27.4180736	27.3386762	28.1801749	28.2945242	29.6026098

2.57350152	2.60785043	2.55880542	2.56349587	2.59502144	2.66668045	2.71931723	2.54382681
1.08727897	1.09054902	1.07650343	1.06498208	1.08269198	1.11205194	1.12975381	1.15605348
0.38976129	0.31746754	0.25486417	0.25736943	0.26005181	0.26392233	0.24271192	0.28499671
2.69778912	2.67995258	2.68771314	2.71815857	2.7541199	2.77619684	2.77420369	2.7836723
0.45583995	0.48589468	0.50344701	0.58188236	0.62255605	0.60858189	0.64850152	0.59581966
1.33901671	1.37303238	1.45335275	1.65657863	1.71924174	1.71810706	1.96738913	2.07257525
8.40856458	7.48014814	7.47453602	7.86356384	8.1120964	8.47416897	8.53925637	8.9589627
4.82027566	4.84907227	5.23784955	5.17278458	5.06876166	4.79495177	4.45553967	4.49836714
0.00463833	0.00463816	0.00462396	0.00489952	0.0050204	0.00524159	0.00598775	0.00657676
0.00494397	0.00516784	0.00601997	0.0057423	0.00553028	0.00574286	0.00566706	0.00559949
0.68890091	0.68195816	0.68339082	0.68887083	0.68200963	0.68663988	0.66633059	0.65899469
7.20964464	7.2451959	7.22882974	7.32280859	7.40745408	7.47050854	7.50753138	7.52107503
0.05632704	0.05658624	0.05681435	0.0626356	0.08429437	0.06169798	0.0592356	0.06169484
0.00082077	0.00089282	0.00091331	0.00091454	0.00092506	0.00087822	0.0008365	0.0007673
2.51332261	2.5503469	2.48106799	2.66270093	2.89375846	2.7836735	2.89481345	2.81441638
52.5019829	56.5055869	56.2122145	58.4176984	59.0375024	62.1525923	62.0195488	63.7516822
0.02328764	0.02468292	0.02439278	0.02368723	0.02312381	0.02237431	0.02179803	0.0234014
0.06046352	0.06099304	0.06164915	0.06194399	0.06353743	0.06217872	0.06444979	0.06091931
0.06394503	0.06521949	0.06794022	0.07383875	0.07847363	0.07795057	0.08131289	0.08244632
1.39347906	1.43400821	1.44535069	1.57575346	1.52226548	1.43781743	1.2730443	1.25717223
0.67697616	0.73029005	0.75895163	3.73921116	3.56356676	3.20741205	3.2804229	3.67632333
11.1206892	11.8010557	12.493352	13.2581554	13.8708278	13.9683343	14.0670124	13.6309192
1.74817488	1.75592324	1.70020393	1.68294309	1.72343964	1.74032183	1.72886532	1.70786769
2.91116198	2.94546921	2.97007905	3.01600982	3.09069162	3.13059989	3.04923636	3.26683335
134.954276	144.262518	142.136628	148.323033	158.885598	167.627809	161.578394	164.302371
0.67934696	0.70455339	0.68299782	0.93738069	0.90963178	0.85161781	0.87923706	0.92213357
1.67835606	1.94335584	1.93767271	2.20999467	2.22301724	2.13627475	2.43712139	2.53569219
1.03508906	1.05010702	1.07008318	3.9906567	4.32163494	5.48061173	3.80001271	4.59793616
0.11236532	0.10983224	0.11191101	0.30505065	0.41539275	0.44641451	0.25668062	0.25826472
0.00450053	0.00462217	0.00414562	0.00376373	0.00349339	0.00298084	0.00274206	0.00259662
11.0784363	11.0927585	11.1801474	11.5165566	11.517416	11.439067	11.4585602	11.7665706
0.03164779	0.03117324	0.03061086	0.02981711	0.02866039	0.02786984	0.02645859	0.02579689
0.01426356	0.0163949	0.01726727	0.02130248	0.01671045	0.0167221	0.01932446	0.02195699
1.07958429	1.10555354	1.15630017	1.18423332	1.25210008	1.25274293	1.20812356	1.21951085
5.90431152	5.82985874	6.04432726	5.90992436	5.7498363	5.98201012	5.95606838	6.11773448
0.00188782	0.00193309	0.00200152	0.00204564	0.00307289	0.00084591	0.00086476	0.00090614
0.08724356	0.08646697	0.09073594	0.13049277	0.12847495	0.13462574	0.13544247	0.13697611
6.46781349	7.13846081	6.74349944	6.6535493	6.89477497	7.22556255	7.00623983	7.66496564
30.3836651	30.8760539	29.9203903	30.5007504	29.8711659	30.6970435	31.4015992	31.35401
0.07329225	0.08000917	0.07728243	0.07714805	0.08658494	0.09145634	0.09817504	0.10206942
0.00468692	0.00488563	0.00489376	0.00489817	0.00496096	0.005164	0.00554858	0.00593609
5.1763012	5.04783667	5.0249217	5.07535085	5.11276471	5.0682838	4.8726653	4.81338185
1.04411311	0.99396477	0.92749486	1.01139721	1.11687224	1.15267936	1.14570633	1.15682338
1.74171862	1.92607479	1.8316562	1.87415519	2.01535053	2.08740364	2.15988635	2.19273336
1.98543345	2.06467369	2.05566031	2.10471798	2.19584593	2.31390813	2.13040627	1.98570261
4.70718965	4.99956674	5.21054311	5.50479791	5.41057892	5.38657523	5.64167662	6.54753787
0.78856163	0.79400169	0.79658429	0.7995952	0.82994251	0.79277519	0.81693228	0.85389566
0.02357302	0.02403906	0.02404906	0.02462025	0.02492296	0.02542921	0.02604727	0.02632934
9.41254416	10.7185388	10.007489	10.5360299	10.5568984	11.3379744	11.6405078	12.2788582
0.85194718	0.84311916	0.84195933	0.84866232	0.88292791	0.88834636	0.90695443	0.92301558
11.4766352	11.41128	11.4208134	11.6866605	12.0491661	11.5521568	12.0687585	12.8526361

2.48065078	2.54175063	2.49167642	2.54395667	2.55557564	2.49267138	2.39507769	2.4256768
0.14755629	0.15640086	0.16701976	0.17075304	0.17352372	0.18303805	0.18916213	0.19262991
0.03813025	0.03805611	0.03661594	0.03681583	0.03825386	0.03904661	0.03868326	0.04054871
29.5719478	29.4550722	29.6701515	29.7820206	30.3092834	30.9086681	30.9151312	31.4910602
0.00545315	0.00538735	0.00526331	0.00521768	0.0052392	0.0052396	0.00516271	0.00512484
0.03754439	0.03667051	0.03608016	0.16252458	0.17597601	0.54358368	0.13878656	0.15805833
18.1573335	17.7768828	18.396703	19.4820514	19.8080916	19.9593776	19.6521663	20.8472904
0.63502306	0.64108886	0.63904886	0.65015591	0.6554735	0.66471039	0.69990434	0.67182516
0.59321178	0.6080415	0.62253078	0.87420183	0.87003694	0.79045258	0.86377052	0.92884964
0.5931064	0.59653035	0.5992944	0.84637078	0.86255513	0.79610809	0.74905179	0.64007715
0.04242665	0.04258614	0.04362881	0.04242229	0.04432422	0.04604934	0.04724089	0.04348277
0.12456708	0.12604327	0.12787506	0.13337503	0.13135508	0.12760377	0.13315976	0.13590754
0.16331189	0.16789472	0.17335453	0.2125402	0.21747126	0.21136157	0.20886369	0.22417019
0.0049609	0.00498658	0.00507127	0.01626008	0.01064789	0.01772499	0.00798945	0.00923409
3.63067104	3.55825591	3.56390914	3.7679464	3.88790133	3.92575559	4.03211463	3.95245483
0.00505175	0.00491525	0.00492504	0.0048684	0.00475641	0.00457092	0.00432156	0.00407136
0.00116142	0.00126509	0.00143757	0.00147261	0.00140114	0.00131772	0.00132825	0.00130427
1.0736512	1.16293884	1.15472968	1.23685968	1.22614467	1.23141266	1.26552972	1.38137735
0.00420118	0.00476767	0.00565286	0.0184246	0.05619179	0.03927954	0.02264805	0.03936159
1.29008406	1.29568813	1.29473945	1.33606652	1.37004822	1.39354909	1.33446259	1.33278588
0.03903943	0.03952473	0.03572398	0.03674906	0.03849593	0.03722983	0.03629909	0.03055246
1.22201406	1.24114244	1.25403514	1.26662559	1.38729145	1.44695145	1.43336041	1.43339825
2.02317436	1.95817144	2.08632737	2.13817511	2.06410396	2.34871979	2.20902768	2.15876725
0.85544133	0.8028936	0.76681456	0.71100517	0.71383283	0.7159535	0.70207761	0.68535969
5.72041482	5.6462631	5.72375311	6.25614569	6.1947173	6.36360682	5.83567768	5.80356464
35.0106443	36.5793594	37.549291	38.3886283	40.0845066	41.9571803	41.6132267	43.0931071
67.6876423	69.2136998	72.3417461	74.8097377	79.6734066	84.195517	86.918112	92.244479
5.33608537	5.49384923	5.32560738	5.44555251	5.67496872	5.73015985	5.74815377	5.98743675
8.17242849	8.15020055	9.02610418	9.35737795	10.2899659	10.1122233	10.3965583	11.3380703
2.02040128	2.05266068	2.07501482	2.0968304	1.99996356	2.20346539	2.27018345	2.3107754
0.24919197	0.24069743	0.24182657	0.29954644	0.30088658	0.29696613	0.29577037	0.29290193
0.47673405	0.51574584	0.55057386	0.53794376	0.57440078	0.60146478	0.59503657	0.58723182
13.2136162	12.8163749	12.5929573	12.8385835	12.590862	13.2094499	13.3182379	13.2850409
0.17978387	0.18498404	0.18161013	0.18803767	0.20370319	0.21435517	0.20582503	0.21604443
0.15663274	0.1473914	0.14650213	0.17631479	0.1795445	0.16714402	0.20214757	0.15798422
7.32944988	6.64518064	6.85838768	7.30504325	7.47479163	7.53976394	7.59817131	7.66262707
14.5647086	14.6705603	14.3969847	14.8372045	14.9350539	14.9174808	15.0904603	15.2810293
5.39384051	4.8338605	4.74488487	5.30057948	5.9245791	6.08583285	6.02498026	6.17647211
1.78313448	1.79281878	1.77774721	1.81837047	1.85311819	1.88852174	1.90204866	1.91760757
0.52793759	0.62934441	0.69168961	1.42996326	1.28728727	1.38104021	1.40541687	1.63180447
0.00178597	0.00174589	0.00173916	0.00181416	0.00183622	0.00185513	0.00187518	0.00190174
0.00497851	0.00484748	0.00476061	0.00480169	0.00459456	0.00465143	0.0045097	0.00450649
3.52832973	3.42970518	3.29878837	2.81970148	3.47546068	3.88169805	4.20302241	4.17094658
0.05231931	0.05514935	0.0482732	0.04350632	0.04638475	0.05170748	0.06232706	0.05640249
0.58289614	0.66606576	0.69193429	0.88792988	0.7842158	0.93523473	0.83114621	0.88500565
0.17225676	0.17865574	0.19167393	0.21468282	0.18653973	0.19013062	0.16857849	0.16775514
0.0667597	0.06864295	0.07180869	0.09346232	0.09158493	0.10448565	0.09405622	0.10116559
0.58510879	0.61351966	0.55202839	0.64638594	0.65146189	0.62395197	0.6040289	0.59692146
0.00700962	0.0072767	0.00755092	0.00786582	0.0082275	0.00861009	0.00858014	0.00863703
0.89071027	0.97566028	0.91610423	0.93250511	0.95842528	1.04986611	1.09005966	1.08025436
0.35402671	0.38166739	0.38120193	0.39051383	0.37783992	0.37009721	0.38870267	0.39280086

2.18329945	2.19696394	2.18576039	2.21160887	2.24163019	2.26212408	2.27622754	2.28575678
0.14803661	0.14821612	0.14788722	0.14765144	0.14817913	0.15302236	0.15138599	0.15038687
1.76354031	1.76428435	1.76103881	1.77695143	1.81488564	1.82964118	1.85292927	1.86945379
0.000883	0.0008825	0.00088393	0.00088343	0.00079568	0.00079303	0.0007972	0.00088872
3.19110005	3.41124906	3.10793033	2.5502007	2.78223361	2.62694822	2.94213224	3.32807049
0.84175502	0.85592427	0.84639396	0.86994244	0.88051844	0.89412679	0.90451992	0.90193888
4.58865654	4.72497833	4.79393325	4.94821401	5.02435279	5.10279662	4.92994208	4.94200444
0.00054325	0.00054077	0.00053237	0.00054118	0.00054917	0.00056825	0.00057705	0.00057924
19.2961347	20.2762345	22.2102587	23.0407273	23.0463269	23.7902397	24.4602865	24.7505183
0.75294973	0.74502391	0.78241189	0.78621806	0.79630053	0.9024462	0.80954078	0.7746002
2.48413006	2.88427738	3.04512341	3.29169597	2.86165321	2.48482509	2.32572013	2.38388568
0.01658863	0.01452537	0.01502206	0.01576383	0.01782784	0.02018577	0.02140432	0.0221313
5.20514716	5.41468484	5.79871353	6.42171535	6.73177027	6.84378591	6.98807439	6.91147859
2.57933596	2.56395061	2.50019185	2.62082537	2.68475051	2.59184378	2.57347129	2.5378846
0.73245719	0.74966692	0.7620612	2.45668391	2.62660928	2.00853016	2.45293016	2.56873967
0.97200115	0.99077905	1.07210292	1.1063445	0.9747617	0.90481277	0.97700884	1.00222604
0.02804679	0.02807966	0.03017741	0.0293371	0.02818275	0.02873645	0.02908688	0.02819357
0.07608977	0.07862634	0.07512118	0.07857352	0.08125928	0.08281884	0.08606866	0.08266549
0.48538725	0.48603407	0.53783532	0.60302814	0.62876222	0.63950893	0.70085223	0.71598508
5.26692811	5.32167431	5.24885007	5.32536542	5.54415655	5.85922938	5.74040047	5.69594656
1.50221459	1.57074475	1.29726973	1.17621179	1.13767267	1.16314091	1.16153823	1.23960139
0.05793694	0.05432161	0.05531493	0.05270734	0.06502943	0.06615046	0.0689173	0.06876227
2.59817114	2.70645844	2.8484045	2.9966999	3.17157625	2.19272997	1.80037554	1.80296011
7.82759808	8.20185808	8.50888251	8.84946712	9.05529899	9.22419916	9.4368317	9.62923336
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6.82909047	6.99116152	6.98960447	6.92996244	7.12475073	7.29696637	7.2204905	7.27496528
1.0364582	1.04564086	1.06747025	1.07668179	1.06685638	1.08768581	1.07547986	1.07610494
1.81036626	1.91810165	1.94095313	1.94096595	2.05831408	2.10630108	2.14825043	2.15014739
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12.7799959	12.7843319	13.02563	13.8687532	13.9190094	14.1829602	15.4060314	17.4773035
0.58072535	0.57207895	0.58483275	0.59245539	0.59572056	0.59121961	0.59394045	0.60388781
3.22461778	3.15505403	3.30023622	3.21931762	3.14492707	3.22272049	3.06810295	3.58948656
4.58048557	4.60510643	4.66420764	4.87662805	4.95437597	4.62259704	4.76199071	5.34205062
0.16362766	0.16472388	0.16849543	0.21493831	0.24537824	0.27363396	0.21243825	0.3196485
20.2968863	20.2418102	19.2122157	19.3132677	19.2920062	19.0050081	19.5621987	19.81718
0.24005508	0.22180812	0.22879044	0.24083673	0.25569238	0.26360453	0.25677983	0.25927759
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2.2433687	2.25698893	2.33473758	2.54577674	2.41729028	2.23713011	2.32605493	2.40679304
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0.00821213	0.00911746	0.01004486	0.00938129	0.00883712	0.00905325	0.01008054	0.01011306
0.01603052	0.01755091	0.01761588	0.01106637	0.01223736	0.01375991	0.01864805	0.0226604
0.02543087	0.02602606	0.0328505	0.03157772	0.03077197	0.03076953	0.03041756	0.03067661
11.3876297	10.7609166	12.1469208	12.2886673	12.1230109	12.853886	13.1994854	11.9223979
59.9182879	60.1136286	59.5718461	62.0208528	63.5883653	63.90173	65.6640353	66.9065949
0.32071876	0.33491264	0.33719805	0.34581812	0.35462703	0.34146424	0.35520007	0.34561667
0.66460234	0.73539903	0.87054009	1.07375096	1.48211141	1.72512614	1.86814688	2.0169939
3.36999211	3.30850589	3.37302095	3.45822528	3.41690118	3.68157465	3.49414334	3.39358785
9.67100273	10.4600443	11.0292631	13.5594412	12.9812919	13.5079458	13.9919629	12.8580979
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0.16463209	0.16901936	0.17410272	0.2154444	0.204145	0.19940349	0.18573659	0.1926919
0.95029961	0.86288503	0.91647485	0.75550331	0.82588751	0.72515755	0.86122273	0.82175356
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1.72288489	1.93890836	1.85608006	1.84231783	1.93675041	2.01064616	1.91716534	2.32862333
0.88869995	0.87057357	0.93441813	0.95356548	0.94726306	1.04320888	0.9368873	0.92739485
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0.00308571	0.00333451	0.00358625	0.00349341	0.00357983	0.00370021	0.00402479	0.00417406
1.41956155	1.61813054	1.64996206	1.76899869	2.00553148	1.89437601	1.94481554	2.02541606
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0.21511072	0.18672775	0.19432023	0.26636908	0.24543587	0.24264187	0.27481522	0.29437062
7.05161814	6.90300655	7.628534	8.24768946	8.83588126	8.90206513	9.04681275	9.45513521
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0.05841399	0.0494667	0.04965448	0.05873678	0.05896862	0.06144152	0.06671047	0.06867165
0.01688882	0.01812243	0.02015924	0.01811451	0.01477084	0.01327376	0.01696343	0.017152
0.08573951	0.08165555	0.0751259	0.0824481	0.08453138	0.08894458	0.08770332	0.0771488
0.69824392	0.75838705	0.75995934	0.8198947	0.82910753	0.90906071	0.97327804	0.95709359
13.8543911	14.2721299	14.7314074	15.0947286	15.2530557	15.4862426	14.0296525	14.5373082
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23.5646649	23.5747697	23.40542	23.7475052	24.5889464	24.8627398	25.5351512	26.035309
4.89334725	5.34675147	5.43782559	5.34697996	4.81397122	4.60752371	4.68077403	4.79370383
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0.01812459	0.01851886	0.01881002	0.01947147	0.01971327	0.02011214	0.02156281	0.02412085
0.87348924	0.89320565	0.91254444	0.92564351	0.93229667	0.94870997	0.96404559	0.98591828
10.9876746	11.0487348	11.2393386	11.1356283	10.7677361	10.7568798	10.323735	10.2892809
4.2963225	4.35354424	4.43377847	4.84897087	4.77391822	4.56479585	4.85967363	4.93650597
2.81764847	2.79993483	2.9719837	3.11852014	3.05970181	3.02112018	3.25199793	3.39104952
8.1627E-05	7.5211E-05	4.6015E-05	4.4405E-05	4.8291E-05	0.0001916	0.00020459	0.0002228
0.00400527	0.00501111	0.00514726	0.00516782	0.00590598	0.00551498	0.00678022	0.00957287
0.10107782	0.10315895	0.10478245	0.10595164	0.10797039	0.11499888	0.11633217	0.11793676
4.9809E-08	7.5697E-08	2.622E-08	2.3759E-08	1.4951E-08	2.656E-08	5.4663E-08	7.2518E-08
0.0224221	0.02044135	0.02070852	0.02105723	0.02144672	0.02172859	0.0219654	0.0224139
0.00041671	0.00042298	0.00038676	0.00035333	0.00032868	0.00027812	0.00028578	0.00028578
				4.3871E-05	4.6378E-05	6.0166E-05	6.3926E-05
0.47902217	0.47371713	0.48085571	0.49144306	0.50031711	0.51761538	0.50811352	0.51275287

0.07385373	0.07709917	0.07778151	0.07827225	0.07896119	0.08040918	0.0802955	0.08050054
0.00013218	0.00011248	5.3176E-05	6.5396E-05	4.1371E-05	0.0001946	0.00019731	0.00020842
0.3590772	0.3714079	0.38252804	0.41272351	0.38215443	0.42499768	0.41480379	0.40993287
0.07410919	0.18114519	0.18290236	0.18902264	0.1874139	0.19522521	0.2007045	0.20164439
0.21120479	0.22069312	0.22332243	0.22525532	0.22774783	0.23208903	0.23127948	0.23219988
0.06310362	0.06502276	0.06604353	0.06939479	0.07160483	0.07440383	0.07619848	0.07875311
0.20280081	0.15198352	0.13288625	0.12482342	0.11386245	0.11522775	0.1326077	0.14572685
0.04264919	0.04370023	0.04469523	0.04578169	0.04688996	0.04811648	0.04942765	0.05066962
0.11204158	0.11507242	0.1168539	0.11800423	0.1210838	0.12507831	0.12650013	0.12839566
0.88929795	0.90022787	0.89896205	0.90632823	0.92268413	0.91499594	0.93582507	0.96469374
0.06972564	0.06940681	0.07067643	0.06866142	0.06795903	0.06431797	0.06160745	0.06309942
7.2009E-05	8.4684E-05	8.5937E-05	8.0226E-05	8.1479E-05	9.0951E-05	9.2204E-05	0.00010613
0.00148388	0.00130582	0.00081539	0.00067845	0.00056679	0.0016714	0.00152066	0.00158537
0.01059578	0.00926467	0.00981221	0.01372793	0.01478622	0.01402159	0.01388989	0.01293521
0.43353352	0.45110311	0.45452684	0.45719452	0.4602842	0.46873065	0.46795787	0.4679008
0.00051391	0.00055587	0.00055926	0.00055215	0.00067655	0.00085896	0.00089403	0.0009463
0.00017939	0.00015265	7.0192E-05	6.7319E-05	7.6537E-05	0.00031844	0.00031391	0.00030707
0.00955834	0.02964637	0.03663107	0.0380847	0.0458458	0.04573012	0.04657551	0.04549109
1.45718771	1.53897772	1.48700368	1.43433089	1.45786996	1.49107287	1.57471901	1.5110234
0.00035727	0.00031442	0.00019424	0.00018238	0.00019794	0.00068578	0.0007691	0.00083168
0.000464	0.00045285	0.00041542	0.00039873	0.00036693	0.0003295	0.00030583	0.00026018
0.01429471	0.01482506	0.01504358	0.01533878	0.01570551	0.01572961	0.01665313	0.0169337
0.01076407	0.01142508	0.01873425	0.01929393	0.01955054	0.02080048	0.02145372	0.02276276
0.03566862	0.03654199	0.03757552	0.03921688	0.04041635	0.04312215	0.04447572	0.04562341
0.62507336	0.62081351	0.61141679	0.58150382	1.0012321	0.61807129	0.62585873	0.64073311
0.06928819	0.07006766	0.06422389	0.06236518	0.06623794	0.06765464	0.07429716	0.07436548
0.05646875	0.05728947	0.05833581	0.05930672	0.06186077	0.06482114	0.06790013	0.07170607
12.2217071	11.8668068	11.91238	11.9029546	12.0893459	12.3946557	12.1213893	12.4455596
0.06858087	0.07121973	0.07243874	0.07266468	0.07238329	0.07284954	0.07505839	0.0784304
0.12019428	0.12324447	0.12628869	0.12946394	0.13280932	0.13632328	0.14001078	0.1437417
0.23375156	0.24157151	0.24936456	0.25596443	0.26606558	0.27445905	0.28314183	0.29165698
0.0112821	0.01149741	0.01171863	0.01196564	0.01223817	0.01250683	0.01280001	0.01310709
1.9069E-05	4.8568E-05	9.022E-05	9.4338E-05	9.1232E-05	7.6072E-05	9.2446E-05	0.00012864
0.24254492	0.24695007	0.24914929	0.254479	0.24531257	0.2488967	0.25425962	0.26429811
0.00147579	0.00152579	0.00153804	0.00164536	0.00171454	0.00177271	0.00184079	0.00184948
0.00198524	0.00194503	0.00162746	0.00159363	0.00165938	0.00180906	0.00182031	0.00151638
0.00576267	0.00588977	0.00598949	0.00613381	0.00631077	0.00650126	0.00666794	0.00684409
0.10683409	0.11162608	0.11930968	0.11957931	0.11333685	0.12267404	0.14098415	0.13409614
5.4288E-05	4.8204E-05	2.6588E-05	2.5966E-05	2.9994E-05	0.00013711	0.0001435	0.00015841
0.00038075	0.00030268	0.00027841	0.00028206	0.0002739	0.00031222	0.0003119	0.00031312
0.39525487	0.36877658	0.36417859	0.3202013	0.3306913	0.32882335	0.33753223	0.34170078
1.14562855	1.41377735	1.40245097	1.33925585	1.31899941	1.37235957	1.42182141	1.45074046
0.00434629	0.00470518	0.00289759	0.00442791	0.00428947	0.00417143	0.00429488	0.0043846
6.9447E-05	7.2136E-05	7.3206E-05	6.9604E-05	6.3009E-05	8.1032E-05	8.3941E-05	8.0189E-05
0.34558824	0.28790883	0.25779434	0.24037041	0.23150753	0.20266261	0.12612971	0.12500296
0.02342276	0.02398134	0.02479414	0.02622717	0.02575302	0.02531845	0.02526944	0.02456673
0.09368863	0.09479956	0.10365291	0.11024	0.11459809	0.11492608	0.00282788	0.00320498
0.06932671	0.06913727	0.07196648	0.07977623	0.07496132	0.08585559	0.08959678	0.09132444
0.03704682	0.03814777	0.04181941	0.0442323	0.04709557	0.04959625	0.04891557	0.04959487
0.01415344	0.0142298	0.01458511	0.01515303	0.01557815	0.01597065	0.01640988	0.01688678
0.00026458	0.00029198	0.00016951	0.00034919	0.00041192	0.00043534	0.0004594	0.00046978



0.72140124	0.67948287	0.63095989	0.68789589	0.69739097	0.70470702	0.73640764	0.72109615
0.06456652	0.06682611	0.06757769	0.06829357	0.06822408	0.0700135	0.07014448	0.06921111
0.48595618	0.48863572	0.50097986	0.52000026	0.53428398	0.54689728	0.5618031	0.57816331
0.32582998	0.3122904	0.31000092	0.30683375	0.30784794	0.17905463	0.18406096	0.19276878
0.00074621	0.00183211	0.00177236	0.00178766	0.00147543	0.00119463	0.00146202	0.00302154
7.6374E-06	7.5061E-06	6.2814E-06	6.0893E-06	5.7085E-06	1.1236E-05	1.3347E-05	1.1653E-05
1.35804773	1.28898965	1.25272924	1.24232645	1.26451266	1.25847642	1.29889122	1.28744985
0.02070405	0.02120511	0.02159585	0.02260531	0.02298859	0.02359249	0.02413808	0.02446383
0.58476296	0.48483127	0.46474061	0.46779462	0.46230296	0.43712015	0.47153148	0.46391462
0.04519234	0.04607825	0.04710696	0.04827386	0.04701136	0.04946515	0.05022803	0.04751442
0.09419054	0.09671047	0.10235039	0.10323164	0.1011652	0.10375309	0.10951108	0.11313202
1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08
0.12433727	0.12407002	0.12569889	0.12912312	0.13288851	0.13553435	0.1415256	0.14324131
0.00025258	0.00023788	0.00020843	0.00022314	0.0002272	0.0007225	0.00068275	0.00071753
0.00492154	0.00522392	0.00511698	0.00537266	0.0056833	0.00590708	0.00610762	0.00630526
0.02054628	0.02250244	0.02270607	0.02364075	0.02451927	0.02484345	0.02557774	0.02630692
0.00418376	0.00426277	0.00432535	0.00439605	0.0044542	0.00443043	0.00440346	0.00438665
0.23313953	0.23602964	0.21587259	0.2311751	0.25717236	0.27805945	0.28357753	0.25556714
1.4162E-05	1.2051E-05	8.5082E-06	7.6936E-06	8.2743E-06	3.5382E-05	3.5875E-05	4.3217E-05
0.11201657	0.09935865	0.10181393	0.10326332	0.10505553	0.10766648	0.10994725	0.11250863
0.00026095	0.00025732	0.00022716	0.00024709	0.00024788	0.00039761	0.00042459	0.00048559
0.01707564	0.01892866	0.02375904	0.02696531	0.03047791	0.02822197	0.02917432	0.02563574
0.00178614	0.00154034	0.00099353	0.00148194	0.00073047	0.00075806	0.00073657	0.00078695
0.05013458	0.05092693	0.05136365	0.05214927	0.05299256	0.05347518	0.05177386	0.05046233
0.01524023	0.01332567	0.01411321	0.0197453	0.02126748	0.0201677	0.01997826	0.01860512
0.05341213	0.05433311	0.0472874	0.04772635	0.04828491	0.04846009	0.04882037	0.04071685
0.43253156	0.42017046	0.40483057	0.38088616	0.32998119	0.35115556	0.34313814	0.31619152
1.44862807	1.49632719	1.54183347	1.5791069	1.60888101	1.63539912	1.65164567	1.6642571
3.49194554	3.55609395	3.58709485	4.09132436	4.22631426	4.40555699	4.521359	4.64325495
0.02658429	0.023771	0.02611923	0.02683032	0.02846545	0.02471572	0.02635396	0.0912887
0.53421482	0.54826843	0.60362653	0.70529301	0.84925854	0.90754258	1.04492566	1.00016437
0.00704515	0.00726149	0.00676127	0.00567635	0.00591759	0.0049107	0.00540528	0.00725064
0.03989726	0.03345681	0.0324646	0.03172114	0.03295709	0.0363158	0.04446818	0.04803115
0.00334429	0.00345472	0.00394996	0.00346551	0.00359479	0.0035718	0.0028969	0.00489144
0.62514845	0.62332265	0.59412629	0.58687249	0.5940361	0.61424434	0.63453309	0.64070428
0.01555667	0.01350477	0.01514585	0.01287584	0.012871	0.00991969	0.01129923	0.00838254
0.0010925	0.00793141	0.01796635	0.01812162	0.01766222	0.0177122	0.01960377	0.00152505
0.79791322	0.7704241	0.67136094	1.93555785	1.99846252	2.14955055	2.06472828	2.12085583
0.4063244	0.42472381	0.43023299	0.43434496	0.43902281	0.44786597	0.44649329	0.44787621
0.14773999	0.1505381	0.15624642	0.15566663	0.16114403	0.16740436	0.17426643	0.17933273
0.00717613	0.00754518	0.00767252	0.00776525	0.00785058	0.00803855	0.00804341	0.00806398
0.04808409	0.04809942	0.04717897	0.04737903	0.04862546	0.04870288	0.05129571	0.05286171
2.5282E-05	5.6202E-05	5.3089E-05	5.5194E-05	5.4163E-05	2.7531E-05	3.2418E-05	5.3898E-05
1.8883E-05	1.6068E-05	8.5082E-06	7.6936E-06	8.2743E-06	3.5382E-05	3.5875E-05	3.1901E-05
0.14933394	0.29137165	0.36650707	0.3600526	0.36300991	0.40844433	0.43431693	0.50509172
0.0029184	0.00258815	0.00218394	0.00166521	0.00170653	0.00256475	0.00222776	0.00280928
0.02198657	0.02283182	0.0222461	0.0224499	0.02315519	0.02283983	0.02398159	0.02478174
0.00666063	0.00800488	0.00737521	0.0055322	0.00578151	0.00643184	0.00680336	0.00731622
0.03762115	0.03942353	0.03304473	0.03696952	0.03289506	0.03416687	0.03579481	0.04441096

0.02820377	0.00662375	0.00657068	0.00620409	0.00615186	0.00618389	0.00634267	0.00626746
8.454E-05	8.5988E-05	7.1476E-05	7.4082E-05	6.7138E-05	0.00011516	0.00013694	0.0001405
0.11766748	0.11947929	0.12160743	0.12608121	0.12682325	0.13594002	0.13790581	0.1400664
0.07311428	0.07386749	0.07442017	0.07470792	0.07581116	0.07617431	0.0768489	0.07747768
0.16313229	0.16923569	0.17057231	0.17176524	0.17216341	0.17586293	0.17597388	0.17479767
0.004592	0.00388483	0.00394337	0.00377352	0.00358005	0.00322975	0.00346056	0.00356586
0.09895258	0.10154403	0.10301886	0.10465616	0.10323084	0.10706984	0.10793375	0.10437019
0.00032769	0.00080302	0.00072476	0.00080456	0.00107596	0.00099127	0.00099076	0.00257152
0.13498061	0.13693766	0.13509518	0.13735489	0.13830639	0.14314207	0.14610429	0.15203487
0.03912271	0.04030433	0.03995894	0.03972542	0.03943137	0.04001078	0.04031582	0.03984967
0.05153536	0.05301836	0.0555596	0.05729836	0.0587834	0.06037682	0.06185161	0.06351101
4.9287E-05	6.4171E-05	6.3645E-05	6.5644E-05	6.6395E-05	0.00011845	0.00013833	0.0002456
0.63712151	0.66826095	0.69913414	0.7277737	0.67772541	0.6919384	0.6988624	0.70544644
0.00134023	0.00117186	0.00124112	0.00173641	0.00187027	0.00177355	0.00175689	0.00163614
0.04472593	0.04594539	0.04706408	0.04869301	0.05126424	0.05428473	0.05654471	0.05539244
0.00013526	0.0001184	0.00011035	8.5436E-05	8.4217E-05	0.00014013	7.8122E-05	9.7891E-05
0.29084149	0.29530005	0.29980046	0.30515105	0.31089567	0.3165518	0.33941118	0.3437821
0.00865884	0.01039979	0.01067025	0.01039173	0.00795465	0.00738458	0.01712938	0.02238488
0.17302244	0.17430592	0.1733433	0.17320167	0.17323752	0.1726751	0.17212511	0.1703685
0.01466091	0.01495326	0.01456075	0.01583904	0.01637566	0.01802349	0.0183716	0.01747887
0.00027285	0.00024785	0.00016752	0.000158	0.00015489	0.00041141	0.0005005	0.00053713
0.00134289	0.00128415	0.00125519	0.0012296	0.00122722	0.00121514	0.00124861	0.00166708
0.05443017	0.055799	0.05785822	0.05952904	0.06021013	0.06106737	0.06352343	0.06719367
0.0229492	0.02215293	0.02165449	0.02102413	0.02028344	0.01957737	0.01858023	0.01793305
0.01061146	0.01110913	0.00981299	0.01191667	0.01296054	0.01352283	0.01416001	0.01479425
0.00099431	0.00247146	0.00230101	0.00169338	0.00141577	0.0013793	0.00175838	0.00322022
0.0361628	0.03714376	0.0382181	0.03931936	0.04082588	0.0416306	0.04285576	0.04823421
1.61674657	1.66377729	1.71269736	1.76361054	1.81486256	1.86686772	1.92002208	1.9730467
0.03147205	0.0338462	0.03519769	0.03562505	0.0373327	0.03771094	0.03865405	0.03985377
0.13730607	0.15577355	0.09752219	0.11342372	0.0974695	0.05510195	0.05860632	0.06090814
0.08494252	0.08133103	0.08130431	0.07883447	0.07608429	0.07872736	0.07997374	0.07988259
0.33236431	0.33800441	0.3417835	0.34673381	0.35147381	0.35663194	0.36119096	0.36655371
0.04767974	0.04585165	0.04520186	0.05062425	0.0504592	0.05226261	0.04939614	0.04712888
0.00125451	0.00141285	0.00127516	0.00132102	0.00159687	0.00194537	0.00222677	0.00201384
0.70293197	0.72479956	0.71460011	0.71290846	0.74272275	0.76507036	0.79827052	0.82560567
0.01296517	0.01302933	0.01310231	0.01312052	0.01313177	0.01315151	0.01321192	0.01331532
0.15687116	0.15355097	0.15271516	0.15625029	0.14706563	0.15440541	0.15649366	0.1541427
0.30322052	0.30938772	0.31299306	0.31690353	0.32085059	0.3240543	0.32756783	0.3320039
0.0066296	0.0066296	0.00672953	0.00668134	0.00693618	0.00767107	0.00620739	0.00676665
0.02232513	0.02498428	0.02565635	0.02602008	0.02641873	0.02626681	0.02783344	0.03101218
0.66465653	0.68621233	0.65348309	0.67681095	0.65405715	0.67983585	0.72351124	0.77830282
0.01394582	0.01138548	0.01086868	0.01028322	0.01064059	0.01090039	0.01163897	0.0118956
0.09586805	0.1011814	0.10967292	0.11072769	0.11481029	0.11701701	0.12296417	0.12132383
0.11307008	0.11338099	0.11348742	0.1145748	0.12939894	0.12990879	0.13634164	0.1380341
0.03785708	0.03842935	0.03908682	0.03970809	0.04041939	0.04109275	0.04184085	0.04766177
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6.8524E-05	0.00017507	9.6969E-05	0.00015009	0.00012564	0.00015147	0.00025195	0.00019796
0.00280739	0.00290915	0.00231956	0.00328247	0.00401845	0.00455019	0.00443992	0.00431859
0.13968494	0.13505846	0.12859598	0.12363695	0.13226871	0.10987904	0.13058801	0.11647913
6.44402259	6.68672224	6.72220244	6.75358038	6.76896801	6.90143995	6.90982997	6.87357638
0.08581128	0.08906007	0.09228329	0.0956714	0.09935019	0.10614703	0.1100499	0.11029576

0.00116862	0.10287736	0.00161936	0.00179095	0.00179876	0.00178024	0.00188356	0.00197253
0.02747226	0.02402104	0.02544067	0.03559316	0.03833706	0.03635458	0.03601309	0.03353786
0.09186268	0.09446896	0.0970399	0.09960416	0.10414287	0.10459632	0.10690409	0.10905182
0.02074368	0.02118574	0.02131228	0.02176615	0.02253622	0.02332356	0.02379053	0.02295135
0.00069611	0.00052337	0.00048552	0.00048631	0.00044925	0.00046055	0.00066578	0.00059397
3.1496E-07	2.2416E-07	9.0952E-08	1.437E-07	3.6657E-07	3.5903E-07	4.106E-07	3.5304E-07
0.00046595	0.0005889	0.00066763	0.00067575	0.00071418	0.00069178	0.00075317	0.00091597
0.07441454	0.07385927	0.07149928	0.07215489	0.07340385	0.07255002	0.07461297	0.0755391
0.06095989	0.05625999	0.0569801	0.05770201	0.05926478	0.05999185	0.06066139	0.04597027
0.06943239	0.07368812	0.0750849	0.08003874	0.08571549	0.08843843	0.09009608	0.09218189
5.0521E-05	4.3889E-05	2.5261E-05	2.1285E-05	2.4207E-05	9.1898E-05	8.4318E-05	0.00010689
0.00092648	0.00093442	0.00100913	0.00102357	0.00107882	0.00114413	0.00114972	0.00118036
0.00104818	0.00099363	0.00059037	0.00055007	0.00048231	0.0009249	0.00105385	0.00107029
0.02407775	0.18625495	0.18817478	0.17381835	0.17373489	0.16938979	0.16890603	0.16263186
0.0062488	0.00546379	0.0057867	0.00809597	0.00872009	0.00826916	0.00819148	0.00762847
0.26791925	0.24043921	0.22617783	0.19983836	0.17557466	0.1803347	0.19400591	0.23159358
0.02786868	0.02878374	0.029548	0.02880569	0.02804779	0.02768177	0.02731395	0.0274571
0.00054595	0.00058745	0.00030074	0.00047791	0.00091041	0.00101675	0.00103601	0.00102526
0.05910658	0.06384613	0.07207069	0.07827524	0.08432196	0.09286904	0.09137834	0.0899443
5.6069E-06	5.1377E-06	3.561E-06	3.6269E-06	3.6729E-06	9.7579E-06	1.0213E-05	1.0654E-05
0.05890261	0.06109286	0.06257567	0.064491	0.06421039	0.06505342	0.06451803	0.067106
0.01646262	0.01688534	0.01736047	0.01791522	0.01841153	0.01901383	0.0195583	0.02023721
0.5059307	0.51071903	0.47463747	0.51381307	0.44704982	0.50761998	0.54630127	0.57074903
0.02400705	0.02474682	0.02422617	0.02380455	0.02361537	0.02372649	0.02397659	0.02386572
0.03046308	0.03205656	0.03225179	0.03234161	0.03259443	0.03319758	0.03340447	0.03355905
0.00089629	0.0009105	0.00092234	0.00093199	0.00095176	0.00094865	0.00098854	0.00099817
2.8567E-05	5.8131E-05	7.7195E-05	8.0328E-05	7.8157E-05	6.6682E-05	7.9277E-05	9.0002E-05
0.00085012	0.0008275	0.00081736	0.00080058	0.00078388	0.00080169	0.00077512	0.0008051
0.05876434	0.06087501	0.06299566	0.06550661	0.06795522	0.07038845	0.07298556	0.07594867
0.60885732	0.67122181	0.68161933	0.77550515	0.81821349	0.82024112	0.86191985	0.85973226
0.15522912	0.01306386	0.01317756	0.01623824	0.01737703	0.01708435	0.01672494	0.01685348
0.16584258	0.17119957	0.17637523	0.18160325	0.18752667	0.19360367	0.19991488	0.20682719
0.16167829	0.17106618	0.1738927	0.17536557	0.17677513	0.18010823	0.18408606	0.18737813
1.47179605	1.53198041	1.54047147	1.54660674	1.55743631	1.58338228	1.58125271	1.58349292
0.04106683	0.06741818	0.07004078	0.06288644	0.06269581	0.05899199	0.06213774	0.05786328
7.32601282	6.56424656	6.32290301	6.20864778	6.29019399	6.46853099	6.76563618	6.77378795
0.06208982	0.06618666	0.06634642	0.06620596	0.06653401	0.06788692	0.06923688	0.06964701
7.651E-05	8.0324E-05	7.8854E-05	7.64E-05	6.7433E-05	8.6808E-05	8.8983E-05	8.5469E-05
0.01498722	0.01412889	0.01481614	0.01522363	0.01547882	0.01558036	0.01739478	0.01908262
1.2699E-05	1.1753E-05	1.0431E-05	1.0521E-05	1.0136E-05	2.2126E-05	2.2636E-05	1.6143E-05
0.34855287	0.36347373	0.37468059	0.38115995	0.40252404	0.39074446	0.36853096	0.37525628
0.00017404	0.00029372	0.0002586	0.00026681	0.00026352	0.00023662	0.00029282	0.00042872
0.00035048	0.00045829	0.00044987	0.00048367	0.00048367	0.00049035	0.00049777	0.00061606
0.00194011	0.00216246	0.00206905	0.00242763	0.00244871	0.00253888	0.00294738	0.00256203
0.51136973	0.51697572	0.53978927	0.52265478	0.51869985	0.5558112	0.55631279	0.54220612
0.07674987	0.07818615	0.08009194	0.08225606	0.08478787	0.08776052	0.09054943	0.09529039
0.18534212	0.19345595	0.18340013	0.19155662	0.19992014	0.20038405	0.20767425	0.21459126
2.0077E-06	1.3859E-06	1.3742E-06	1.351E-06	1.2662E-06	1.5111E-06	1.7089E-06	1.7539E-06
0.00179502	0.0019356	0.00187349	0.00178619	0.00180443	0.00187042	0.00194356	0.00192189
0.06210045	0.06262431	0.05934082	0.05913469	0.06057878	0.06159046	0.06221419	0.0628341
0.00152616	0.00155704	0.00155419	0.00156227	0.00154147	0.00163936	0.001699	0.00169962

0.0095877	0.01022688	0.00894852	0.00767016	0.00664747	0.00690314	0.00294023	0.00324703
0.08445601	0.07904601	0.05179576	0.04368498	0.04204153	0.05828827	0.05085484	0.03205943
0.03839072	0.0374936	0.03167449	0.03073185	0.03133529	0.03292178	0.03117645	0.02762684
0.04425005	0.04558793	0.05201883	0.05810416	0.06995093	0.06853667	0.07138174	0.07848916
0.00148999	0.00189246	0.00209088	0.00196171	0.00164864	0.00139837	0.00121482	0.00148017
0.0014062	0.00143974	0.00145235	0.00146938	0.00147792	0.00148328	0.00149114	0.00151217
0.00045028	0.00048348	0.00048324	0.00049849	0.00050667	0.00052298	0.00053449	0.00055577
0.01822	0.01531382	0.01386348	0.01092792	0.0110468	0.0107155	0.01007409	0.01079216
0.00420375	0.00424261	0.00431837	0.00439123	0.00446113	0.00452993	0.00459834	0.00469908
0.00081248	0.00087753	0.00089741	0.0008925	0.00091844	0.000958	0.00099199	0.00102193
0.00024856	0.00028804	0.00030293	0.0026237	0.00621409	0.00270334	0.00284438	0.00282456
0.00420807	0.00424075	0.00408245	0.00408209	0.00407635	0.00404449	0.00404618	0.00404244
0.00167285	0.00167791	0.00172053	0.00151502	0.00139939	0.00158219	0.00150387	0.00179572
5.0406E-06	3.6455E-06	4.1522E-06	4.081E-06	7.9366E-06	9.1121E-06	1.0254E-05	1.0507E-05
0.01072637	0.00962617	0.00577564	0.00797597	0.00852604	0.00825114	0.00990108	0.00962617
0.00540833	0.00557236	0.00562608	0.00566632	0.00566966	0.00561571	0.00559404	0.00558847
9.5686E-06	6.5829E-06	6.5755E-06	6.4874E-06	6.2788E-06	7.4498E-06	8.412E-06	8.5546E-06
0.00395513	0.00347813	0.00374061	0.00398963	0.00281156	0.00264948	0.00280692	0.00225909
0.30175515	0.32238852	0.31731807	0.35416273	0.43772553	0.52518831	0.59197358	0.56196995
6.8419E-06	5.1399E-06	5.0573E-06	5.1047E-06	5.4104E-06	8.2563E-06	9.4361E-06	9.4514E-06
0.00340181	0.00357497	0.00163537	0.00207553	0.00204433	0.0010709	0.00101395	0.00092803
7.3071E-05	7.2843E-05	7.2379E-05	7.0474E-05	6.9674E-05	6.9852E-05	7.4869E-05	7.4314E-05
7.0528E-05	7.6071E-05	7.7092E-05	7.7887E-05	8.0173E-05	8.2677E-05	8.7136E-05	9.0465E-05
0.0405454	0.0397429	0.03697645	0.03585021	0.03487089	0.03873118	0.04021913	0.04253656
0.00043688	0.00049888	0.0005315	0.00043896	0.00045168	0.00048483	0.00040201	0.0003923
0.02198791	0.01792605	0.01029824	0.00789068	0.00666364	0.00670679	0.00589525	0.00434549
0.1949238	0.25979829	0.24888752	0.25483946	0.25727698	0.27557475	0.32791054	0.33766434
0.01414868	0.01452803	0.01489149	0.01529639	0.01566952	0.01606217	0.0165691	0.01694303
0.00224402	0.00230734	0.00233052	0.00238822	0.01025936	0.01011019	0.0091829	0.0134951
0.00559907	0.00568276	0.00583335	0.00594669	0.00611516	0.00625263	0.00640362	0.00654481
0.00485223	0.00635025	0.00704674	0.00800713	0.00834305	0.00850041	0.00854891	0.0086978
0.01854146	0.01641922	0.0174159	0.01707739	0.01778771	0.01743203	0.01824589	0.01712824
4.6088E-05	4.9389E-05	5.0699E-05	5.1347E-05	5.2416E-05	5.3749E-05	5.6701E-05	5.9497E-05
4.2003E-05	4.1103E-05	3.6642E-05	3.4587E-05	3.4418E-05	3.5485E-05	3.6968E-05	3.8722E-05
0.00031817	0.00031735	0.00030277	0.00045143	0.00032671	0.00034557	0.00033738	0.00042654
0.00548481	0.00572701	0.00439175	0.00517752	0.00505217	0.0050446	0.00529892	0.00502708
0.00013236	0.00013839	0.00014442	0.00013642	0.00014377	0.00012436	5.4076E-05	7.8077E-05
0.00189601	0.00180938	0.00185332	0.00164315	0.00159506	0.0016391	0.00234359	0.00221912
0.07826422	0.06997991	0.06062968	0.05837056	0.05380038	0.04973685	0.04942383	0.05015939
6.7374E-05	7.6009E-05	5.3122E-05	4.6564E-05	4.9811E-05	5.4441E-05	6.1047E-05	6.8957E-05
6.8347E-06	4.6397E-06	4.3295E-06	4.1232E-06	3.8117E-06	4.3067E-06	4.6955E-06	4.5669E-06
0.00213323	0.00134055	0.00163598	0.00147125	0.00144385	0.0016717	0.00188123	0.00208897
0.00690667	0.00699615	0.00715874	0.00731486	0.00692495	0.00657333	0.00622693	0.00588704
0.10662173	0.10170885	0.07326385	0.05557322	0.0521846	0.06416666	0.09133962	0.0823986
0.00919091	0.00843614	0.00833797	0.00784891	0.00789632	0.00875815	0.00926407	0.01172376
0.03976811	0.03619945	0.03676964	0.03698455	0.0390576	0.04068477	0.04223075	0.04412112
0.00243206	0.00242569	0.00246562	0.00254238	0.00259073	0.00263022	0.00267923	0.00273444

0.01221376	0.01749303	0.01251584	0.0155414	0.01689593	0.01801565	0.01790093	0.02138315
0.00160815	0.00160445	0.00160419	0.00161978	0.00161867	0.00166539	0.00175	0.00177136
0.01541581	0.0154127	0.01564645	0.01614873	0.01645608	0.01667834	0.01700682	0.01737789
0.00071097	0.00067555	0.00068211	0.00059816	0.00064932	0.00060209	0.00062964	0.0005693
2.588E-05	2.589E-05	2.5969E-05	2.631E-05	2.7035E-05	2.6834E-05	2.901E-05	2.8388E-05
1.4951E-06	1.0545E-06	1.0343E-06	9.8507E-07	9.1375E-07	1.0578E-06	1.1614E-06	1.1583E-06
0.06250359	0.05731998	0.05022252	0.03338393	0.03141785	0.02757779	0.02866925	0.02506316
0.01850135	0.01765614	0.0175691	0.01696547	0.01479106	0.01931903	0.02218361	0.01493005
0.084097	0.06896887	0.06368078	0.0636717	0.06050104	0.05550147	0.05177178	0.04775153
5.1854E-06	5.2928E-06	5.3541E-06	5.4831E-06	5.6011E-06	5.7346E-06	5.7601E-06	6.0571E-06
0.00916802	0.00935709	0.00948287	0.00965564	0.00981237	0.01074595	0.0112662	0.01176643
0.00045227	0.00047611	0.00048358	0.00048787	0.00051072	0.00053107	0.00058366	0.0006038
2.1401E-05	1.4522E-05	1.485E-05	1.4987E-05	1.5038E-05	1.8647E-05	2.1586E-05	2.2222E-05
6.9158E-05	7.7721E-05	7.617E-05	7.4651E-05	7.8617E-05	8.1062E-05	8.5908E-05	9.1128E-05
0.00010722	0.00012527	0.00012206	0.00012226	0.00012534	0.00012389	0.0001274	0.00013222
0.00011361	0.00022527	0.00011165	0.00014757	0.00014626	0.00014496	0.00017956	0.00017793
0.00227074	0.00207899	0.00228411	0.00233698	0.00192433	0.00203101	0.00156261	0.00211988
0.0032194	0.00093767	0.00093072	0.00094096	0.0009637	0.00096818	0.00099397	0.00102088
2.3195E-05	1.5531E-05	1.6564E-05	1.7492E-05	1.8249E-05	2.2954E-05	2.7277E-05	2.9271E-05
7.5744E-05	0.00011263	0.00014888	0.00018446	7.3132E-05	3.6237E-05	7.1826E-05	7.1173E-05
0.0003218	0.00036889	0.00032315	0.00028891	0.00033903	0.00036505	0.00036022	0.00031656
0.00494812	0.00532469	0.00707622	0.00504986	0.00580145	0.00785301	0.0077577	0.0084862
0.02026824	0.02016866	0.02084248	0.02110236	0.02142754	0.02127246	0.02115264	0.02241938
0.00318136	0.00297543	0.00318321	0.00281212	0.00290842	0.00306412	0.00333631	0.00324734
0.13346234	0.09760369	0.096863	0.09116335	0.08453169	0.08404008	0.08451325	0.08660811
0.13880234	0.14071419	0.14356121	0.14610957	0.15020527	0.15151536	0.15373995	0.15529504
0.00016643	0.00012931	5.9357E-05	6.46E-05	0.00012012	0.00015105	0.00080115	0.00094534
0.13779374	0.0812216	0.06588859	0.11643379	0.10686732	0.06067589	0.05272156	0.05052805
0.11013246	0.08703994	0.03192408	0.0339747	0.03415267	0.04137458	0.05253912	0.06098086
0.0017416	0.00163295	0.00169434	0.00205591	0.00165937	0.0015912	0.00399034	0.00369583
0.02387511	0.02485283	0.02355278	0.02255069	0.02332302	0.02182346	0.02068625	0.02219888
0.00108076	0.00110791	0.00109717	0.00112332	0.0011148	0.001105	0.00113112	0.00111972
0.00495716	0.0063908	0.00659379	0.00570009	0.00737144	0.00712909	0.00665688	0.00632967
0.05107554	0.04665417	0.04237716	0.04031247	0.0397897	0.03777532	0.03709406	0.03415432
0.00566427	0.00579203	0.00583801	0.00589474	0.01926257	0.01953494	0.02049073	0.01865296
0.03225607	0.03318437	0.03412962	0.03514564	0.03614403	0.03720053	0.03826172	0.03936873
4.5254E-06	4.6192E-06	4.6727E-06	4.7852E-06	4.8883E-06	5.0047E-06	5.027E-06	5.2862E-06
0.00026206	0.00025786	0.00026039	0.00026268	0.0002748	0.00028967	0.00032393	0.00034213
2.4311E-06	2.8971E-06	3.0289E-06	2.8934E-06	2.9865E-06	2.9609E-06	3.2756E-06	3.3124E-06
0.00703642	0.00714095	0.00736146	0.0072856	0.00768703	0.00738872	0.00667903	0.00653533
0.03458946	0.02078196	0.01197051	0.00823084	0.01037546	0.01102855	0.0121593	0.01013461
0.00016849	0.00016743	0.00016477	0.00016155	0.00016484	0.00016412	0.00017628	0.00017926
0.00047299	0.00051134	0.00048578	0.0001534	0.00015979	0.00024289	0.00019815	0.00035794
0.00023488	0.00026153	0.00024199	0.00023853	0.0002497	0.000264	0.000286	0.00030895
0.04470648	0.04295368	0.02302948	0.02742836	0.01974898	0.01443259	0.0109863	0.03191905
6.3008E-06	4.5192E-06	4.5363E-06	4.278E-06	3.9944E-06	4.624E-06	5.0937E-06	4.9474E-06
0.00023134	0.0002684	0.00026073	0.00156748	0.00148046	0.00124775	0.00108302	0.00123798
0.00015796	0.00017312	0.00017824	0.00018121	0.00019302	0.0001945	0.00020418	0.00021453
0.00190398	0.00196307	0.0019823	0.00199603	0.00199681	0.00197573	0.00196593	0.00196229

5.2341E-05	5.222E-05	5.2212E-05	5.272E-05	5.2683E-05	5.4204E-05	5.6958E-05	5.7653E-05
3.4484E-05	4.1625E-05	4.1378E-05	3.9744E-05	3.909E-05	3.5655E-05	3.7297E-05	2.7204E-05
0.00055125	0.00058877	0.00056026	0.00075626	0.00068648	0.00068183	0.00059893	0.00067263
3.0358E-06	3.0289E-06	3.0284E-06	3.0578E-06	3.0557E-06	3.1439E-06	3.3036E-06	3.3439E-06
0.00034085	0.00086354	0.00137709	0.0019184	0.00241334	0.00297162	0.00348354	0.00402125
7.3796E-06	7.0096E-06	7.1502E-06	7.0108E-06	7.1301E-06	6.8209E-06	7.5405E-06	7.553E-06
0.06408676	0.08024336	0.09288566	0.11808419	0.08692949	0.07054749	0.07069608	0.066892
0.00186545	0.00167412	0.00100446	0.00138712	0.00148279	0.00143498	0.00172192	0.00167412
2.3678E-05	2.6844E-05	2.235E-05	2.0955E-05	1.787E-05	2.1283E-05	2.1638E-05	2.1772E-05
0.01716137	0.01725362	0.01740931	0.01756217	0.0177396	0.01793655	0.01910228	0.01781121
0.0001188	0.0001188	0.00012063	0.00011785	0.00011887	0.00012098	0.00039504	0.00039145
0.01238596	0.01235001	0.01215587	0.01205042	0.01188744	0.01170101	0.01152801	0.01128086
0.00019026	0.00020628	0.00020435	0.00021023	0.00021647	0.00023137	0.00024669	0.00025742
2.4605E-05	1.7188E-05	1.7687E-05	1.7225E-05	1.6565E-05	2.0098E-05	2.205E-05	2.2442E-05
0.00011362	0.00011264	0.00011166	0.00011068	0.0001097	0.00010872	0.00010774	7.1173E-05
0.00070689	0.0007656	0.00080677	0.00081946	0.00083373	0.00085328	0.00090835	0.00098691
0.01764833	0.01754282	0.01634994	0.01736923	0.01950731	0.02107328	0.01753463	0.01797638
0.0001065	0.00011679	9.6827E-05	8.838E-05	9.2188E-05	9.608E-05	0.00010213	0.00010608
4.2415E-06	4.0293E-06	4.5847E-06	4.5467E-06	4.6439E-06	4.8521E-06	5.1243E-06	5.1527E-06
0.00328171	0.00360988	0.00459439	0.0055789	0.0055789	0.00590707	0.0055789	0.0055789
0.30328653	0.25300643	0.1808444	0.1551771	0.1525206	0.16450247	0.16949405	0.1689161
0.00082645	0.00105286	0.00104564	0.00104355	0.00114348	0.00109011	0.00110537	0.00113788
0.01730077	0.01554736	0.0143775	0.01423074	0.00819089	0.00870285	0.00917338	0.01021919
0.00830278	0.0108315	0.00740124	0.0086118	0.00855535	0.00785827	0.00818277	0.00840234
0.00048513	0.00057143	0.00051681	0.0004946	0.00047984	0.00049881	0.00060599	0.00082051
0.07150887	0.03914908	0.04386783	0.03563888	0.03906231	0.02765736	0.01565285	0.02026979
0.0045852	0.00465933	0.00480152	0.00486773	0.00498434	0.00510577	0.00527668	0.00546052
0.0005968	0.00046226	0.00036996	0.0003888	0.00041017	0.00042441	0.00041223	0.0004014
0.01043334	0.00986166	0.00931633	0.00899358	0.00889272	0.00887144	0.00384502	0.00442329
0.04182134	0.04106919	0.04169603	0.04233465	0.04305491	0.04298351	0.04354125	0.04427615
5.0097E-05	5.0097E-05	5.0852E-05	5.0488E-05	5.2413E-05	5.7966E-05	4.6906E-05	5.1132E-05
5.0885E-05	5.1401E-05	5.2732E-05	5.2229E-05	5.2498E-05	5.377E-05	5.7234E-05	5.7324E-05
0.01513852	0.01690747	0.01587155	0.01650273	0.01749321	0.0196328	0.02201445	0.02256665
2.4929E-06	2.5129E-06	2.4988E-06	2.5212E-06	2.5326E-06	2.6018E-06	2.6217E-06	2.5425E-06
0.00420759	0.00415559	0.00407868	0.00400242	0.00396338	0.0038881	0.00381348	0.00383624
0.0024214	0.00236648	0.00269657	0.00250134	0.00313994	0.00199027	0.00173392	0.00227998
0.00304083	0.00315656	0.00319434	0.00326436	0.00335972	0.00343881	0.00353582	0.00410478
0.03879329	0.02439875	0.00920989	0.00899502	0.00259851	0.01601527	0.01247024	0.01220068
6.0576E-05	6.3868E-05	5.6461E-05	5.2663E-05	5.4836E-05	5.7541E-05	5.8749E-05	5.4351E-05
0.00422989	0.0047361	0.00430398	0.00403071	0.00422718	0.00432144	0.00431701	0.0044468
0.15661877	0.1572867	0.15716508	0.15785035	0.15703967	0.15805008	0.16602435	0.1578068
0.02401281	0.02426361	0.02464608	0.02526037	0.02558557	0.02675075	0.02735188	0.0282047
0.29892011	0.33655216	0.23528568	0.19566811	0.15209031	0.0542631	0.04457871	0.04410974
0.00054715	0.00135313	0.00055922	0.00058287	0.00044697	0.00040849	0.00053602	0.00060955
0.05782973	0.05887462	0.05996424	0.06098963	0.0632069	0.06292507	0.06376417	0.06443967
0.01104171	0.01094513	0.01095604	0.01091149	0.01085925	0.01085042	0.01082752	0.01084783
0.00681995	0.00642266	0.00722238	0.00711636	0.00773724	0.00760451	0.00708176	0.00696558
2.106E-08	2.2104E-08	1.3014E-08	1.3904E-08	2.778E-08	2.7112E-08	2.5558E-08	2.4192E-08
8.2417E-06	8.5913E-06	8.6233E-06	8.6324E-06	8.5842E-06	8.9292E-06	9.7783E-06	9.5373E-06

0.0005011	0.00053268	0.00052668	0.00052705	0.00055002	0.00055725	0.00059939	0.00063137
0.00019968	0.00019266	0.00018051	0.0001658	0.00016131	0.00015681	0.00017533	0.00052415
0.00099523	0.0011062	0.00112132	0.00114298	0.00122225	0.00125038	0.00128515	0.0013205
1.2042E-05	1.2727E-05	1.4417E-05	1.3426E-05	1.431E-05	1.5196E-05	1.5687E-05	1.6391E-05
0.00015404	0.00011155	0.0001078	0.00010689	0.00010351	0.00012155	0.00010663	0.00010418
0.00236658	0.00289671	0.00289279	0.00289759	0.00309947	0.00319245	0.00280941	0.00277946
0.00013599	0.00013041	0.00051155	0.00048884	0.00055949	0.00061464	0.00059674	0.0005835
0.00223341	0.00239458	0.0021871	0.00248446	0.00210319	0.00173107	0.00199199	0.00231222
0.00049233	0.00052563	0.00052106	0.00055338	0.00054849	0.00057983	0.0005746	0.00060497
4.824E-06	5.427E-06	1.4564E-06					
0.00405928	0.0047457	0.00607132	0.0061404	0.00617336	0.00652286	0.00589128	0.00389532
5.7668E-07	4.0672E-07	3.9896E-07	4.2217E-07	4.5688E-07	5.2889E-07	6.3049E-07	6.2877E-07
0.00067358	0.00074112	0.00076053	0.00076441	0.00074427	0.00075628	0.00074564	0.0007856
0.00549139	0.00559423	0.00569446	0.00582897	0.00596022	0.0060882	0.00621291	0.00636995
0.11244021	0.1138233	0.11195022	0.10784954	0.08368596	0.08974486	0.1015686	0.11420638
4.3123E-06	4.4016E-06	4.4526E-06	4.5599E-06	4.6581E-06	4.769E-06	4.7903E-06	5.0373E-06
0.00161915	0.00162728	0.00163281	0.00165501	0.0016642	0.00170762	0.00176884	0.00180875
3.1898E-06	3.0802E-06	3.0455E-06	2.9569E-06	2.9239E-06	2.9144E-06	3.0324E-06	3.0404E-06
0.00512064	0.00537843	0.00559741	0.00671621	0.00688208	0.00709322	0.0080655	0.0074989
0.00383422	0.00398397	0.00413367	0.00411058	0.00413378	0.00418362	0.00447631	0.00478188
0.00446805	0.00464823	0.00429502	0.00493498	0.00480289	0.00507181	0.00507036	0.00534603
0.00758799	0.00878783	0.00767813	0.01009724	0.01073541	0.0106133	0.01033904	0.01035499
0.01179339	0.01206731	0.01233469	0.01259937	0.01289282	0.01317398	0.01348642	0.01382661
0.01855712	0.01937332	0.0196887	0.01970046	0.01974551	0.020294	0.02097308	0.02145855
0.02534871	0.02558407	0.02566553	0.02588388	0.02587287	0.02624109	0.02703722	0.02723863
0.00030133	0.00032193	0.00034281	0.00034918	0.00027545	0.00027101	0.00027493	0.00025877
0.27079132	0.24068243	0.24351726	0.23968902	0.23666577	0.24262895	0.23625943	0.23926244
0.0028982	0.0029545	0.00297455	0.0030019	0.00300727	0.00302135	0.00306291	0.00308541
5.4464E-06	3.8865E-06	3.8271E-06	3.687E-06	3.3939E-06	3.9591E-06	4.4134E-06	4.451E-06
0.02388552	0.02319667	0.02196846	0.0195187	0.0198517	0.02046385	0.01909792	0.02077444
3.6309E-07	2.7115E-07	2.6597E-07	2.6738E-07	2.7413E-07	3.1734E-07	3.4843E-07	3.4748E-07
0.00734711	0.00743395	0.00751838	0.00760021	0.00764361	0.00772015	0.00782974	0.00793652
3.6553E-06	3.8295E-06	3.9061E-06	3.72E-06	3.737E-06	3.7205E-06	4.0054E-06	4.1606E-06
5.9894E-06	5.8232E-06	5.8231E-06	5.629E-06	5.5724E-06	5.5574E-06	5.8422E-06	5.7853E-06
0.00187377	0.00207788	0.00205123	0.00227321	0.00230278	0.00231891	0.00240866	0.00246793
0.01370211	0.01583105	0.01958153	0.02204624	0.02543243	0.02879118	0.03188805	0.03162271
0.01675008	0.01702748	0.0174064	0.01779496	0.01825987	0.01863737	0.01903705	0.02051748
0.00041659	0.00082046	0.00198932	0.00210359	0.00213591	0.002185	0.00234618	0.00244413
4.4244E-05	4.453E-05	4.0964E-05	4.3454E-05	3.6555E-05	3.4308E-05	3.6151E-05	4.314E-05
0.00063534	0.00066683	0.00090735	0.00081356	0.00086347	0.00095532	0.00160887	0.00166323
0.0037327	0.00378937	0.00384895	0.00384551	0.00387419	0.00446934	0.00483125	0.00463287
2.8998E-07	3.666E-07	4.2405E-07	3.2975E-07	3.6064E-07	3.7171E-07	4.4768E-07	6.8053E-07
0.00672808	0.00813196	0.00720078	0.00762467	0.00864902	0.00905554	0.00910302	0.00871613
0.00398848	0.0022627	0.00244806	0.00240332	0.00247363	0.00229466	0.00219878	0.00209012
0.00720409	0.00698035	0.00837758	0.00937593	0.00819664	0.01441221	0.01633292	0.01826375
0.08198385	0.08456822	0.0829094	0.07935308	0.07988268	0.08579053	0.07695865	0.07839061
0.00566658	0.00586918	0.00577244	0.00566606	0.00554085	0.00542143	0.00512788	0.00518036
2.0906E-06	2.74E-06	2.9018E-06	3.0832E-06	2.2409E-06	2.5973E-06	2.9619E-06	4.6642E-06
0.19698072	0.20224216	0.20049279	0.20566538	0.19672097	0.19512426	0.20760301	0.15747417
0.03288083	0.02799526	0.0279441	0.02741206	0.02909649	0.03187961	0.03441215	0.03656233

0.00946791	0.00977075	0.00965901	0.00955794	0.00944354	0.0094056	0.00910132	0.00919391
0.0018386	0.00190078	0.0020728	0.00217463	0.00215496	0.00213417	0.0020773	0.00238621
0.05441525	0.05660646	0.04949499	0.05305431	0.04379823	0.04977581	0.05114918	0.04840538
0.00010806	0.00012723	0.00013362	0.00014002	0.00014002	0.00010166	0.00012723	0.00012723
0.0035923	0.00367663	0.00396833	0.00397992	0.0039275	0.00385275	0.00371993	0.00418654
0.01821705	0.01919922	0.01887141	0.01911561	0.01763852	0.01684659	0.01659661	0.01677919
0.03429647	0.03896169	0.04138504	0.04304015	0.04211036	0.04332933	0.05558122	0.04448885
0.00106233	0.00096709	0.00109636	0.0012511	0.00122086		1.2402E-06	8.1567E-06
0.00106005	0.00107488	0.0010184	0.00106209	0.00086901	0.00077168	0.00078653	0.00089847
0.00928275	0.00906965	0.01254737	0.01202395	0.01019019	0.01042239	0.00998051	0.01132679
0.0212759	0.02206263	0.02155419	0.02094974	0.02027867	0.01961258	0.01838801	0.01846784
0.00351624	0.00354803	0.00331699	0.00346452	0.00387229	0.00399935	0.00407029	0.00451661
2.8373E-06	3.7186E-06	3.8304E-06	3.1739E-06	4.1457E-06	4.2502E-06	4.7122E-06	6.8717E-06
0.00810279	0.00747037	0.00770258	0.00810727	0.01004014	0.00922591	0.00930687	0.00893036
0.69553318	0.7604499	0.76037944	0.7927313	0.86977342	0.95290435	0.9727428	1.01645712
0.00121063	0.0012138	0.0011986	0.00120932	0.00117582	0.00116117	0.00117133	0.0011869
0.00013081	0.00026866	0.00019293	0.0002412	0.00027563	0.00021366	0.00022743	0.00019982
1.1011E-05	4.3384E-06	3.8458E-05	5.5602E-05	0.00013371	0.00013687	0.0001317	5.9585E-05
0.00125899	0.00141345	0.00176739	0.00170672	0.00170234	0.00186727	0.00200737	0.00202114
0.00101257	0.00103665	0.00115726	0.00119431	0.00118596	0.00119208	0.00117089	0.0013542
0.39074265	0.4051201	0.36780455	0.34674122	0.36906701	0.3713135	0.39838822	0.40533218
0.02183048	0.02369398	0.02737964	0.02452698	0.02539724	0.02497846	0.02546105	0.02329822
0.03426853	0.03742455	0.03671663	0.03415242	0.04045671	0.0452379	0.04431189	0.04531965
2.44746233	2.34405154	2.27905431	2.40895722	2.54299403	2.81343055	2.61758034	2.71319945
0.00114201	0.00130626	0.00108623	0.00117159	0.00164962	0.00042524	0.00083611	0.00083776
0.00253807	0.00290396	0.00326584	0.00334315	0.00320831	0.0030229	0.0028366	0.0025663
0.06621459	0.06773454	0.06979492	0.07176199	0.07394075	0.07639227	0.07883161	0.08170817
0.00013423	0.00010227	0.00010227	0.00010866	0.00012784	0.00011505	0.00014062	7.6701E-05
2.6754E-06	2.0444E-06	9.3174E-06	5.8082E-06	5.08E-06	4.5404E-06	6.0665E-06	3.9431E-06
0.07463253	0.07656982	0.07443718	0.07361287	0.08235964	0.08127857	0.08847701	0.08641377
5.6413E-05	5.5437E-05	5.8426E-05	5.5928E-05	5.6719E-05	5.3835E-05	5.4437E-05	5.7146E-05
0.00017476	0.00015533	0.00014622	7.0614E-05	7.3152E-05	7.287E-05	7.5777E-05	5.3302E-05
0.01233639	0.01200731	0.01230243	0.01162992	0.01216267	0.01360868	0.01323485	0.01301063
0.22232539	0.20902676	0.22439042	0.22155101	0.22297106	0.22976157	0.21453965	0.21452985
8.5865E-07	1.1743E-06	1.4509E-06	1.2242E-06	1.6247E-06	1.8299E-06	2.1541E-06	3.545E-06
0.00152799	0.00164371	0.0014012	0.00134091	0.00133662	0.00170025	0.0017359	0.00194379
0.22650216	0.20432836	0.20096763	0.21077268	0.21171758	0.21351568	0.21451287	0.21715498
0.49368844	0.45659563	0.44499662	0.41869475	0.4481479	0.45374367	0.45182092	0.4108572
0.00069701	0.0006178	0.00046172	0.00034348	0.0002984	0.00022329	0.00024415	0.00026409
0.00038129	0.000368	0.00032961	0.00033374	0.00027558	0.00024188	0.00024691	0.00027608
0.02618138	0.02331693	0.01966131	0.01789634	0.01635489	0.01883689	0.01981157	0.02009776
0.03546673	0.03299496	0.03906625	0.04816962	0.04315428	0.04829691	0.02349274	0.0240046
0.00498087	0.00485789	0.00535264	0.0069482	0.00579031	0.0058157	0.00626751	0.00622201
0.01562978	0.01663498	0.01578519	0.01354233	0.01417263	0.01635409	0.01900852	0.01790689
0.03526426	0.03751872	0.04035543	0.04254606	0.04455198	0.047387	0.04745504	0.04468994
3.8388E-05	5.1923E-05	9.5032E-05	3.9147E-05	4.0275E-05	4.5423E-05	5.3319E-05	8.603E-05
6.519E-05	7.7244E-05	5.7111E-05	4.4423E-05	4.3947E-05	3.487E-05	4.8007E-05	5.7118E-05
0.09418879	0.10395295	0.10923521	0.10602072	0.10973612	0.10474739	0.10787512	0.10482354
0.01043659	0.01082597	0.01055166	0.01022023	0.00985754	0.00949671	0.0088804	0.00889813
0.0004081	0.00047127	0.00068481	0.00039308	0.00039834	0.00039761	0.00043446	0.00058711
0.04403411	0.04501022	0.04599829	0.04785624	0.04635116	0.15602499	0.13775681	0.13933902



0.00558156	0.00556772	0.0056636	0.00560398	0.00555502	0.005571	0.00561724	0.00561191
2.3137E-05	2.3411E-05	2.1547E-05	2.2729E-05	1.8739E-05	1.7022E-05	1.7423E-05	1.9714E-05
0.2437719	0.24179959	0.21055714	0.19651034	0.19022048	0.19592495	0.20034146	0.18599541
0.007629	0.00756448	0.00791015	0.00776765	0.00791332	0.00788032	0.00790776	0.00737445
0.22373798	0.17068789	0.17537996	0.17241198	0.15761219	0.14860088	0.1589967	0.1579432
0.02036912	0.02115982	0.01987495	0.01819412	0.01654848	0.01505681	0.01378044	0.01307294
0.01100622	0.01135163	0.01156632	0.01125755	0.01135889	0.01158432	0.01151361	0.01195994
0.00393334	0.00390868	0.00420602	0.00423896	0.00420236	0.00405582	0.00402861	0.00456908
0.00090776	0.00091454	0.0008729	0.00090094	0.00080898	0.00076985	0.00077863	0.00083657
0.00019493	0.00019445	0.00020036	0.00018702	0.00019229	0.00018499	0.00018726	0.00021258
0.00058387	0.00063667	0.0006896	0.00071249	0.00070937	0.00068576	0.0006751	0.00077346
5.5077E-05	5.5077E-05	6.1962E-05	1.3769E-05	2.0654E-05	6.8847E-06	1.3769E-05	2.0654E-05
0.02285035	0.0217338	0.01903989	0.02071736	0.02460915	0.02691781	0.02754063	0.02685261
6.7589E-06	6.8285E-06	6.9992E-06	6.8976E-06	6.9831E-06	7.0071E-06	7.0734E-06	7.502E-06
0.02275088	0.02292774	0.02347998	0.02471354	0.02069164	0.02076749	0.02066658	0.02100435
0.00090895	0.0009041	0.00089262	0.00102277	0.00092383	0.00089673	0.0009765	0.00117318
0.01222629	0.01288844	0.01458923	0.01342262	0.01209144	0.01215678	0.01204718	0.01257811
0.00524446	0.00477296	0.00496118	0.00627245	0.0063074	0.00711793	0.00613908	0.00679209
0.01217457	0.01425548	0.01393636	0.01447667	0.01480704	0.01466263	0.01473251	0.01374152
0.00908097	0.00887251	0.01227463	0.01176259	0.00996869	0.01019584	0.00976356	0.01108058
0.00818902	0.00843847	0.00765924	0.00802229	0.0082394	0.00832794	0.0084745	0.00727948
0.0306917	0.02937004	0.02644566	0.02548791	0.02422619	0.02357362	0.02290356	0.0204442
0.06547056	0.07135157	0.07344303	0.07337494	0.07373563	0.06747266	0.08590187	0.09398856
1.07432252	1.10290745	1.18613013	1.23818669	1.22019634	1.23161113	1.20076412	1.26813853
0.01113645	0.01136988	0.01174652	0.01069701	0.01111342	0.01212201	0.01182169	0.01274007
0.03648748	0.03852991	0.04082959	0.04522105	0.05147129	0.05474914	0.05839058	0.05507992
0.00637371	0.00674229	0.00786589	0.00954787	0.00897223	0.00950508	0.01099541	0.01066399
0.00118599	0.00122147	0.0011348	0.00108969	0.00131426	0.00169816	0.00173223	0.00179769
0.00642105	0.00607206	0.00640149	0.00673631	0.0064241	0.00670484	0.00699645	0.0073414
0.15927262	0.15444702	0.14862767	0.14394433	0.13292593	0.13290307	0.13432964	0.11723594
0.01784653	0.01761444	0.01739239	0.01543104	0.01527387	0.01470842	0.01006862	0.01045291
0.00077395	0.0012263	0.00160981	0.00198054	0.00233208	0.00211476	0.00249188	0.00277482
0.46923886	0.43617794	0.45641644	0.51139796	0.49112523	0.52563683	0.53172368	0.51966165
0.40936271	0.42577262	0.39334695	0.35039935	0.30882583	0.27110439	0.24346736	0.22303887
0.01183157	0.01178634	0.01270251	0.01252455	0.01223527	0.01300675	0.01318109	0.01335723
0.0460787	0.04794977	0.04382126	0.03832571	0.03304314	0.02828035	0.02509935	0.02233167
4.8846E-05	1.9422E-05	0.00013642	0.00018002	0.00041992	0.00042915	0.00040681	0.00017481
2.6781E-06	2.0444E-06	4.6722E-06	2.9266E-06	2.6013E-06	1.1977E-06	1.576E-06	1.3826E-06
0.00035754	0.00035763	0.00035771	0.0003576	0.00035769	0.00035771	0.00035778	0.00035796
0.06728679	0.06641606	0.0691975	0.06397681	0.06833988	0.07122723	0.07169878	0.07449419
0.00285405	0.00486122	0.00653021	0.00881917	0.00921456	0.00679231	0.00935158	0.0097658
5.0738E-05	3.0666E-05	7.0171E-05	8.6054E-05	0.00019998	0.0001991	0.00018866	8.4184E-05
0.00388221	6.6302E-05	6.6302E-05	3.2674E-05	0.00028124	0.0002301	0.00032598	0.00031959
0.00177366	0.0017152	0.00154132	0.00142163	0.00129542	0.00117594	0.00122026	0.00153051
0.0019944	0.0023742	0.00284523	0.00345468	0.00263166	0.00269399	0.00227267	0.00184392
0.00029636	0.00030869	0.00028889	0.00030656	0.00025523	0.00023592	0.00024325	0.00027215
0.0218524	0.02016951	0.02196442	0.02084515	0.0210946	0.02243771	0.02096024	0.02380441
0.00070176	0.00071942	0.00078666	0.0007831	0.00078485	0.00075189	0.00073729	0.00084587
0.01443056	0.01496241	0.01462512	0.01422592	0.01378162	0.01334248	0.01252043	0.01258015
0.01218904	0.01282675	0.01017556	0.00968721	0.0081827	0.00926979	0.00996475	0.00860547

0.00572936	0.00594092	0.00578651	0.00559983	0.0053982	0.00520374	0.00487773	0.00488056
4.2813E-05	3.2711E-05	7.2234E-05	4.7961E-05	5.8534E-05	5.6996E-05	6.2405E-05	7.7635E-05
0.01062267	0.01127616	0.01004149	0.00998082	0.01150311	0.01160693	0.01380033	0.01278849
0.00486934	0.00506181	0.00465528	0.00411651	0.00359937	0.00314039	0.00282888	0.00256053
0.00480925	0.00478381	0.00467463	0.00399835	0.00400683	0.00376409	0.00432377	0.00429091
1.3561E-06	1.0222E-06	2.4041E-06	1.578E-06	1.6039E-06	4.8729E-06	6.3794E-06	6.2112E-06
0.15183157	0.14567278	0.14713242	0.14884562	0.1601875	0.16950249	0.17541317	0.17172092
0.00269593	0.00263404	0.00364405	0.00349204	0.00295947	0.00302691	0.00289858	0.00328957
0.00137199	0.00138985	0.00156243	0.00151751	0.0015378	0.00152922	0.00153073	0.00165845

0.00512426	0.00528323	0.00550888	0.00521781	0.00500799	0.00505839	0.00502593	0.00484674
0.02682442	0.02949762	0.02745844	0.02880692	0.02982722	0.03287664	0.0109112	0.0092244
0.03028553	0.0302623	0.03021287	0.02861528	0.02668462	0.02533454	0.02461394	0.02410333
0.00065749	0.00065289	0.00065816	0.00061539	0.00062033	0.00065894	0.00065811	0.00062266
0.00045431	0.00045933	0.00043089	0.00044848	0.00038691	0.00035977	0.00036724	0.00040647
0.0158154	0.0156193	0.01539567	0.01504156	0.01513164	0.01529833	0.01517899	0.01582526
0.00472991	0.00504004	0.00506961	0.0050937	0.00493156	0.00482454	0.00475072	0.00498909
0.02483822	0.02684734	0.02969737	0.02933413	0.03202557	0.03174451	0.03309548	0.03091971
0.00086433	0.00079054	0.00075748	0.0006174	0.0006615	0.00058629	0.00065759	0.00078133
0.00080429	0.000841	0.00081049	0.000483	0.00065311	0.00077138	0.00210304	0.00207782
3.8844E-05	3.8844E-05	3.8844E-05	3.8844E-05	3.8844E-05	4.5236E-05	4.5236E-05	3.8844E-05
0.03376525	0.03504959	0.03245432	0.03236479	0.0296605	0.02728545	0.02922908	0.02750347
0.01047539	0.01023226	0.01056781	0.01169082	0.0099923	0.01119911	0.0124814	0.00942648
0.02649323	0.02260799	0.0241104	0.0233024	0.02182891	0.02531163	0.02439179	0.02404003
0.03786786	0.03525023	0.03617744	0.03363266	0.03345513	0.03695837	0.03944391	0.03986915
0.0018653	0.00228507	0.00211079	0.00223835	0.00298336	0.00306098	0.00185485	0.00251841
0.02457936	0.02769321	0.02688451	0.02593694	0.02482546	0.02670276	0.02619356	0.02595731
9.0535E-05	8.357E-05	8.3666E-05	6.9833E-05	8.6218E-05	0.00031291	0.00041544	0.00023614
0.10430858	0.10743927	0.11011731	0.11422369	0.1155921	0.12119115	0.12693653	0.1301429
0.00704499	0.00700461	0.00662057	0.0064197	0.00689047	0.00700221	0.00657754	0.00597408
0.03220595	0.03247151	0.03298498	0.03245142	0.03095144	0.03103409	0.0320539	0.02879243
0.02799491	0.02648059	0.02619866	0.02588464	0.030381	0.02871974	0.02909036	0.02750467
0.00036003	0.00036003	0.00036545	0.00036284	0.00037668	0.00041659	0.0003371	0.00036747
0.0005717	0.00052347	0.00072449	0.00064841	0.00074472	0.00075467	0.00079032	0.00065652
0.1674037	0.16451898	0.1581576	0.14091882	0.14256749	0.15080188	0.14788034	0.15417345
0.00533672	0.00461131	0.00450468	0.00468902	0.00579309	0.00646679	0.00568387	0.0062565
0.24513536	0.25943889	0.26380284	0.28177251	0.29421733	0.30940343	0.31863262	0.31657972
0.03659552	0.0327599	0.03259186	0.03451539	0.03560355	0.03549637	0.04070476	0.04401121
0.02328857	0.02782406	0.02779715	0.02896088	0.03128782	0.02901575	0.02935788	0.0262927
2.0071E-05	1.5333E-05	5.3597E-05	4.3599E-05	5.09E-05	6.8211E-05	7.896E-05	8.7068E-05
0.00120171	0.00091839	0.00149473	0.00148636	0.00159743	0.00189622	0.00175367	0.00197638
0.00306477	0.00302955	0.00301037	0.00296188	0.0030132	0.00299607	0.00301252	0.00304014
0.04789153	0.07398408	0.04618253	0.04605023	0.04552049	0.04715619	0.05437739	0.05827269
0.42850251	0.44466122	0.4253869	0.40076316	0.3759987	0.35327662	0.32803353	0.32062099
0.00018394	0.00032683	0.00033358	0.0003307	0.00033736	0.00034412	0.00033746	0.00034412
0.04788161	0.08232346	0.08900848	0.09309512	0.08584562	0.03026357	0.02705617	0.02699349
0.01766558	0.01726004	0.02387832	0.02288223	0.01939248	0.01983437	0.01899345	0.02155549
0.03023062	0.03178795	0.03225274	0.03240645	0.03358007	0.033424	0.03403709	0.03473995
0.00091896	0.00110678	0.00107999	0.00104902	0.00077347	0.00089837	0.00089247	0.00083591
0.00173313	0.00160741	0.00171669	0.00144815	0.00153586	0.00167405	0.00184023	0.00153999
1.2264E-06	1.6315E-06	9.6498E-07	5.5494E-07	1.2381E-06	8.327E-07	1.0133E-06	1.2036E-06

9.5584E-06	7.1555E-06	2.414E-05	1.4527E-05	1.6611E-05	1.5473E-05	1.7556E-05	1.2294E-05
0.00234736	0.00230696	0.00238629	0.00233752	0.00228615	0.00212949	0.00211438	0.00239885
0.01227032	0.01028453	0.00975069	0.01015847	0.01084938	0.01140086	0.011626	0.01155089
0.00280355	0.00286511	0.00310877	0.00308807	0.00316851	0.00307024	0.00302608	0.00341369
2.2315E-05	2.2785E-05	2.1211E-05	2.1991E-05	1.855E-05	1.7001E-05	1.7369E-05	2.0584E-05
3.6297E-05	3.4954E-05	3.8721E-05	3.5385E-05	3.6248E-05	3.5112E-05	3.4555E-05	4.0365E-05
0.00246561	0.0024944	0.00168116	0.0017876	0.0015646	0.00143293	0.00121337	0.0013053
0.05925659	0.05049145	0.04778166	0.04532117	0.04408068	0.04762689	0.04768237	0.04404831
0.0053886	0.00526489	0.0072837	0.00697985	0.00591536	0.00605015	0.00579364	0.00657515
0.19698095	0.18891132	0.1808676	0.16951665	0.18805633	0.19579083	0.19948461	0.19798661
0.00600682	0.0063538	0.00633613	0.0064644	0.00612796	0.0056777	0.00584121	0.00600512
0.00010178	8.9539E-05	6.5431E-05	4.3444E-05	8.2022E-05	7.2006E-05	8.3242E-05	9.1228E-05
0.01350697	0.0094753	0.00966309	0.01067126	0.01166219	0.01227344	0.01252152	0.01209095
8.4419E-06	8.5552E-06	7.8895E-06	9.6092E-06	8.4659E-06	7.6989E-06	8.8715E-06	1.0571E-05
0.00204296	0.00209933	0.00226401	0.00230241	0.00221961	0.00212131	0.00202389	0.00232239
6.9706E-05	6.9706E-05	6.9706E-05	6.9706E-05	6.9706E-05	6.9706E-05	6.9706E-05	6.9706E-05
0.10974301	0.0902776	0.10896189	0.12994357	0.12679112	0.13349677	0.14053333	0.14173781
0.0001997	0.00020471	0.00020428	0.00020512	0.00020638	0.00021185	0.00021264	0.00021479
4.391E-07		1.7762E-06	2.9503E-06	7.7022E-06	7.8406E-06	7.1261E-06	2.6724E-06
2.6796E-06	2.0444E-06	7.0046E-06	4.3835E-06	3.8811E-06	3.4773E-06	4.6144E-06	2.4735E-06
0.00030633	0.00033795	0.00037102	0.00057965	0.00052619	0.00036149	0.00024895	0.00029171
0.00367876	0.00375303	0.00374969	0.00309849	0.00413691	0.00419388	0.00435697	0.0042297
0.04647086	0.05179762	0.05204486	0.0542251	0.05380922	0.06403614	0.06254975	0.05905478
0.060126	0.0656459	0.06213709	0.05295576	0.05981407	0.06119921	0.06236187	0.06859342
0.02644978	0.02716654	0.02795499	0.02872796	0.02963845	0.03056515	0.03163932	0.03249458
0.00971886	0.01718331	0.01741439	0.01861694	0.01949916	0.01905429	0.01859467	0.01873238
0.35195393	0.36560405	0.34252484	0.31228188	0.28279493	0.25625489	0.23437497	0.22121686
0.00809932	0.00840285	0.00965638	0.007617	0.00849942	0.00957795	0.00997658	0.0120662
2.90009701	2.80277808	2.80118721	2.68583102	2.75800511	3.13405231	3.02751809	3.13268728
0.00152215	0.00157858	0.00154978	0.0015169	0.00147794	0.00143678	0.00134746	0.00136128
0.00039851	0.00039386	0.00035875	0.00037065	0.00029812	0.00026914	0.00027012	0.00029963
0.03327425	0.03418064	0.03219682	0.03513094	0.03376365	0.03399141	0.03717607	0.04085768
2.0854E-05	2.153E-05	2.0298E-05	2.5152E-05	1.9364E-05	1.9959E-05	2.0654E-05	2.3704E-05
0.10627182	0.12692658	0.12845026	0.13243797	0.13702356	0.14122812	0.14478488	0.15008204
1.0749E-05	8.1777E-06	1.6497E-05	1.0483E-05	9.7207E-06	8.7914E-06	1.2902E-05	1.0087E-05
3.9998E-05	3.7652E-05	4.736E-05	4.3041E-05	4.3079E-05	4.4314E-05	4.4871E-05	4.0537E-05
0.28792194	0.29764119	0.32214271	0.28795015	0.25015017	0.26474685	0.26001757	0.25476858
0.02219688	0.02232783	0.0217233	0.02246424	0.02254654	0.02288704	0.0235748	0.02465684
0.01852319	0.0223054	0.02494948	0.02499577	0.02435061	0.02234839	0.02239291	0.02203416
7.9315E-05	8.5204E-05	8.5193E-05	8.2825E-05	8.3179E-05	0.00010153	0.00010347	0.00011178
0.00062867	0.00064775	0.00075501	0.00075136	0.00105878	0.00095972	0.00133808	0.00140465
0.00079277	0.00081888	0.00081888	0.00086381	0.0009406	0.00023755	0.00032703	0.0004183
1.3752E-06	9.4651E-07	9.377E-07	9.2486E-07	8.6754E-07	8.5244E-07	8.3793E-07	9.2219E-07
0.00252507	0.0025275	0.00265284	0.00294401	0.00305913	0.00316578	0.0031259	0.00308761
0.00126274	0.00128044	0.00118967	0.00115945	0.0011698	0.00109216	0.00101452	0.00085406
0.00205824	0.00260063	0.0029791	0.00365095	0.00415304	0.00450654	0.00491354	0.00525087
0.03468152	0.0301804	0.02771503	0.0240116	0.02758575	0.02264892	0.01895723	0.02410477
0.00461237	0.00481499	0.00504831	0.00509994	0.00511533	0.0049838	0.00491729	0.00474828
0.00016537	0.00016445	0.00015291	0.00019365	0.0001058	0.00013126	0.00013135	0.00013789

0.28043801	0.31974032	0.33073463	0.34897412	0.33317786	0.34360522	0.37622865	0.39822427
0.01661531	0.01962575	0.02188359	0.02154914	0.02339573	0.02723544	0.02915448	0.02899663
0.01157275	0.01206856	0.01268496	0.01294106	0.0131257	0.01300232	0.01303813	0.01285911
1.3058E-05	2.0237E-05	2.7936E-05	2.5612E-05	3.4052E-05	4.6692E-05	4.5925E-05	5.1832E-05
0.07586151	0.08046554	0.0796459	0.08560903	0.07402788	0.0712253	0.06120381	0.05954596
2.7046E-05	3.3931E-05	2.6553E-05	4.77E-05	0.00012294	7.9166E-05	6.0484E-05	6.0484E-05
5.5963E-05	8.673E-05	0.00010476	0.00010977	0.0001277	0.00014008	0.00013318	0.0001757
0.00133121	0.00143073	0.00161196	0.00183541	0.00150976	0.00155587	0.00205198	0.00259452
0.09292436	0.09449481	0.09213617	0.09783266	0.09669575	0.09550087	0.09495083	0.10441458
0.00083315	0.00095064	0.0010277	0.00109617	0.0013138	0.00250036	0.00274194	0.00288635
0.0017059	0.00169935	0.00168236	0.00135362	0.00095174	0.00095707	0.00084993	0.0009071
0.01937056	0.02006303	0.02600706	0.02660562	0.03013096	0.0338713	0.03635733	0.03736599
0.04851318	0.05044531	0.05171179	0.05535243	0.05564246	0.05444452	0.05381661	0.05283992
0.00010814	0.00010806	9.6523E-05	8.376E-05	7.8076E-05	9.4744E-05	9.4368E-05	0.00012133
0.00025682	0.00025664	0.00021235	0.0002094	0.00020634	0.00022739	0.00022019	0.00021358
0.00100988	0.00130832	0.00140743	0.00124506	0.00126031	0.00126251	0.00109326	0.00117496
0.03424635	0.03419407	0.04057661	0.04139316	0.04384814	0.0454097	0.05190042	0.06567823
0.00039566	0.0003972	0.00039381	0.00037707	0.0003743	0.00041075	0.00044991	0.0004864
0.0001149	0.00015573	0.00021257	0.00025378	0.00030434	0.00033394	0.00034093	0.00035144
4.3632E-05	4.4659E-05	6.2236E-05	6.4686E-05	6.5478E-05	6.5141E-05	7.0448E-05	7.1466E-05
0.00229077	0.0022656	0.00224698	0.00251732	0.00235513	0.00211797	0.00232977	0.00288148
1.8654E-05	2.891E-05	4.5395E-05	5.1225E-05	6.3848E-05	6.5369E-05	6.4295E-05	8.7036E-05
0.22892226	0.2593426	0.2710317	0.30038324	0.32449693	0.35511036	0.33315131	0.30713126
0.00803221	0.00750711	0.01074883	0.01275836	0.01227557	0.01317873	0.01593654	0.01797964
0.01186156	0.01279227	0.01274285	0.0099529	0.01159004	0.01419024	0.01265407	0.0135508
1.82845703	1.87761952	1.85618894	1.9294331	2.0201182	2.19096822	2.30673242	2.43210554
0.00111748	0.00053553	0.0002228	0.00032209	0.00127157	0.00183516	0.0010117	0.00116453
0.00013769	0.00015835	0.000179	0.00018589	0.00015835	0.00012392	9.6386E-05	8.9501E-05
0.00028423	0.00030488	0.000298	0.00028423	0.00028423	0.00029111	0.00029111	0.000298
0.0001653	0.00016523	0.0001653	6.201E-05	6.9562E-06	6.9324E-06	6.9324E-06	6.8847E-06
1.8136E-05	1.8671E-05	3.8221E-05	3.8964E-05	3.8722E-05	3.5004E-05	4.1363E-05	3.1171E-05
0.01134486	0.01149636	0.01144872	0.01237915	0.01212809	0.01447639	0.0164618	0.01819992
5.5963E-06	8.673E-06	1.0476E-05	1.0977E-05	1.277E-05	1.4008E-05	1.3777E-05	8.3723E-06
3.8693E-05	5.9776E-05	7.2087E-05	3.2393E-05	3.7647E-05	5.0478E-05	4.9649E-05	1.6983E-05
0.00078292	0.00030155	0.00027286	0.00027974	0.00028663	0.00024532	0.00023377	0.00023049
0.03298341	0.03333045	0.03434155	0.03643069	0.03727434	0.03819538	0.03867509	0.04157444
7.7722E-05	8.1044E-05	8.0436E-05	8.0768E-05	8.0865E-05	9.7902E-05	0.00010066	0.00011018
0.00093492	0.0009858	0.0010653	0.00110346	0.00108438	0.001113	0.00117978	0.00123066
1.08012632	1.19150021	1.19534042	1.31182103	1.30639831	1.31676283	1.26858178	1.22600695
2.37992585	2.42253986	2.52267315	2.80371068	2.80731882	2.84629536	2.78739325	2.7147057
0.00018654	0.0002891	0.00027936	0.00029271	0.00025539	0.00023346	0.00022962	0.00023039
1.3517E-05	1.3507E-05	1.9305E-05	1.7949E-05	1.6731E-05	1.8949E-05	1.8874E-05	1.5962E-05
0.07710707	0.10283689	0.08361731	0.1034856	0.09974099	0.10415079	0.12560032	0.12901054
0.00643928	0.0064638	0.00638029	0.0059239	0.00751239	0.0091984	0.00758782	0.00704598
0.00274215	0.00354641	0.00383731	0.00489726	0.00538121	0.00548817	0.00565799	0.00651483
0.0038407	0.00404896	0.00473607	0.00469826	0.00314335	0.00205916	0.00211771	0.00127667
0.00700819	0.00845741	0.01042268	0.01203885	0.01429687	0.01554887	0.01688135	0.01877434
0.00022917	0.00024929	0.00026794	0.00027135	0.00026372	0.00027672	0.00030405	0.00017187
1.8114E-05	2.4728E-05	2.952E-05	3.2517E-05	3.5865E-05	3.845E-05	4.0944E-05	4.4216E-05
0.11504684	0.15501452	0.18820315	0.19990322	0.21913131	0.21365399	0.19828371	0.21468979
0.04046094	0.04223459	0.04398095	0.04412695	0.04390705	0.0422682	0.04118185	0.0392328

0.00012392	0.00010179	0.00010179	0.00010327	0.00012245	0.00011655	0.00011065	0.00012835
0.14690016	0.1809247	0.13537767	0.15700491	0.18493186	0.25013904	0.30309156	0.3336481
0.00064399	0.0006631	0.00069787	0.0007016	0.0005715	0.00047303	0.00056924	0.00068625
5.4068E-06	5.4029E-06	5.1479E-06	4.7863E-06	4.4615E-06	5.053E-06	6.2912E-06	5.014E-06
0.31957607	0.31708919	0.25796576	0.30151068	0.26201868	0.23311076	0.2063759	0.17779674
0.00021625	0.0002568	0.00025684	0.00025684	0.00049342	0.00026385	0.00050039	0.00050925
0.85057662	0.83985129	0.81210031	0.75351172	0.7525324	0.56547497	0.70604689	0.76891839
0.01953013	0.02031868	0.02083626	0.02103871	0.02108326	0.02053312	0.02020198	0.0197194
9.6386E-05	6.8847E-05	5.5077E-05	6.1962E-05	3.4423E-05	6.8847E-05	5.5077E-05	5.5077E-05
8.9867E-05	0.00011019	8.9454E-05	0.00010259	0.00010936	0.00010895	0.00010895	0.00010895
9.1032E-05	0.000146	0.00017613	0.00018661	0.00022321	0.00024472	0.00022377	0.00031068
0.00023655	0.00023638	0.00031531	0.00037094	0.0003625	0.00044846	0.00040893	0.00042841
2.052E-05	3.1801E-05	3.8411E-05	4.0248E-05	4.6822E-05	5.6031E-05	5.511E-05	5.5534E-05
1.1193E-05	1.7346E-05	2.0952E-05	2.1953E-05	2.5539E-05	3.7354E-05	4.1332E-05	3.9634E-05
3.4423E-05	3.4423E-05	4.8193E-05	5.5077E-05	2.7539E-05	3.4423E-05	4.8193E-05	3.4423E-05
0.0493659	0.05087665	0.05777506	0.05977825	0.06917335	0.07101325	0.0824244	0.08418986
2.0275E-05	2.0261E-05	2.5739E-05	2.3931E-05	2.2307E-05	2.5265E-05	2.5165E-05	3.006E-05
0.00348513	0.00424898	0.00436515	0.00432275	0.0032521	0.00370648	0.00375269	0.00213774
0.00016896	0.00016884	0.00014157	0.00016154	0.00015615	0.00013896	0.00013841	0.00016708
0.00504438	0.00406802	0.00391672	0.00370472	0.00357097	0.00337814	0.00333783	0.00360583
0.00878761	0.01030575	0.01225667	0.0230751	0.04256225	0.05388335	0.06234644	0.07401541
0.00020899	0.00033094	0.00040027	0.00048239	0.00041011	0.00034815	0.00011998	6.8847E-05
0.00603635	0.00552379	0.00538734	0.00479025	0.00868307	0.00792515	0.00835711	0.00910678
0.00021421	0.00022699	0.00038707	0.0004441	0.00047968	0.00052422	0.00049932	0.00076837
0.08106568	0.08267729	0.08273721	0.08502676	0.08141268	0.08512841	0.07583353	0.07654683
0.01085737	0.01154935	0.0130597	0.01437548	0.01461041	0.01787974	0.02025179	0.0343854
0.61775698	0.74566994	0.81185534	0.83559834	0.87440529	0.86095221	0.98389395	1.09035489
0.01392356	0.01349972	0.01200776	0.01191636	0.01178254	0.01321197	0.01491393	0.0178804
0.02009662	0.01889219	0.02078742	0.02206053	0.02640834	0.03053067	0.03505976	0.03378432
0.00836242	0.00832747	0.0065088	0.004946	0.00754244	0.0082333	0.0098613	0.01577444
8.1281E-05	6.7734E-05	8.0041E-05	3.2627E-05	1.9907E-05	1.3134E-05	1.3134E-05	1.3134E-05
0.0129197	0.01311491	0.01376921	0.02050195	0.02658552	0.03423804	0.03612199	0.03917079
0.12582109	0.13920895	0.14549296	0.15469997	0.15110273	0.15545541	0.16068225	0.1621214
0.00254651	0.00268425	0.0026265	0.00281543	0.00286221	0.00259566	0.00429918	0.00377953
0.00121474	0.00178588	0.00248396	0.00203553	0.00236809	0.00317824	0.00320268	0.00364147
0.4639815	0.41527817	0.45055643	0.49275606	0.54360688	0.60705993	0.60386334	0.6209035
0.34062588	0.34816628	0.3196199	0.32675493	0.33152298	0.33054804	0.32859442	0.34894832
0.00210452	0.00239551	0.00231221	0.00233253	0.00219419	0.00231275	0.00233265	0.00273911
0.00660179	0.00674913	0.00624167	0.00642219	0.00656347	0.00661101	0.00664258	0.00709873
0.00026545	0.00026452	0.00027399	0.00029327	0.00031392	0.00031337	0.00034552	0.00035005
1.8152E-05	1.869E-05	1.9131E-05	1.9503E-05	1.9383E-05	8.7739E-06	1.0365E-05	1.0776E-05
2.7034E-05	2.7015E-05	2.5739E-05	2.3931E-05	2.2307E-05	2.5265E-05	2.5165E-05	2.2189E-05
0.05294585	0.06870646	0.07151764	0.07574885	0.08520571	0.14559679	0.17419499	0.18186331
0.01109919	0.01269232	0.01411268	0.01905679	0.02026722	0.02264069	0.02590163	0.02724298
0.00033548	0.00034383	0.0001778	0.00017269	0.00018349	0.00016491	0.00019506	0.000227
0.00183204	0.00414971	0.00404251	0.00377083	0.00343254	0.00311131	0.00380715	0.00415753
0.00024251	0.00037583	0.00041903	0.00043907	0.00051078	0.00051362	0.00050517	0.00041763
0.0090695	0.00972858	0.01221596	0.01334852	0.01370248	0.01278332	0.0105817	0.01032362
5.4068E-05	5.4029E-05	3.8609E-05	4.7863E-05	3.9038E-05	4.4214E-05	5.6621E-05	5.8525E-05
0.00020464	0.00055321	0.00064061	0.00102804	0.00194944	0.00042529	7.6047E-05	1.2628E-05

1.8654E-05	2.891E-05	3.4919E-05	3.6589E-05	4.2565E-05	4.6692E-05	5.0517E-05	5.9071E-05
0.00846515	0.00881655	0.00916966	0.00933057	0.00943475	0.00930786	0.00928711	0.00915675
0.00123378	0.00140529	0.00153027	0.00137813	0.00128552	0.0014554	0.00141126	0.0009934
0.01244375	0.01286932	0.01277088	0.01298526	0.01311021	0.01293105	0.01283403	0.01294639
0.0002531	0.00025898	0.00025886	0.00027964	0.00040243	0.00039103	0.00037707	0.00054729
0.00765017	0.00864203	0.00981243	0.00993594	0.01098708	0.01110084	0.01071355	0.01384278
0.02038419	0.02092479	0.01983201	0.02029084	0.02061554	0.02056595	0.02053085	0.02146613
0.00066085	0.00068838	0.00069527	0.00056447	0.00052317	0.00053006	0.00050252	0.0004681
9.1778E-06	9.4442E-06	9.6671E-06	9.8589E-06	9.8022E-06	3.5126E-05	4.1493E-05	4.8293E-05
0.03517191	0.04160983	0.04053251	0.04655964	0.05215961	0.0571099	0.05950198	0.06984677
0.01022535	0.01059031	0.0137266	0.0140431	0.01590319	0.01787605	0.01918786	0.01972018
5.5963E-05	8.673E-05	0.00013968	0.00010898	0.00012672	0.00013901	0.0001504	0.00012643
0.00064706	0.00068688	0.00082957	0.00113438	0.00100472	0.00164247	0.00235574	0.00239021
0.00062159	0.00068006	0.00071603	0.00082604	0.00088591	0.00098831	0.00118256	0.00128354
0.00110909	0.00114058	0.00116813	0.00138332	0.00136783	0.00132496	0.02033439	0.02146736
0.00216332	0.00232889	0.00233051	0.00192362	0.00160826	0.00131518	0.00131675	0.00123806
7.9687E-05	0.00012343	0.00014158	0.00014881	0.00017221	0.00028229	0.00027749	0.00017889
0.00025491	0.00025307	0.00024251	0.00024515	0.00022187	0.0002209	0.0002733	0.00029344
0.00082651	0.00081257	0.00091877	0.00105837	0.00098047	0.00093592	0.00156207	0.00185641
7.3408E-05	0.00011296	0.00013917	0.00013196	0.0001191	0.00012413	0.00014095	0.00016231
0.00987957	0.01143298	0.01167885	0.01361998	0.01455122	0.01231152	0.01200248	0.01342582
0.00018654	0.0002891	0.00034919	0.00036589	0.00042565	0.00046692	0.00050517	0.00059389
0.00070182	0.00071371	0.0007423	0.00052495	0.00044249	0.00045131	0.00047298	0.00051932
0.00022031	0.00038082	0.00035328	0.00036937	0.00034377	0.00034377	0.00036001	0.00036443
0.00224532	0.00320299	0.00378768	0.00468458	0.00436719	0.00446444	0.00491734	0.00556565
0.00091363	0.00101529	0.00102753	0.00110152	0.00112329	0.00106854	0.00108821	0.00115137
0.05962376	0.07122821	0.0782165	0.07263581	0.06501089	0.06417188	0.06619508	0.0732207
0.00031795	0.00029776	0.00027878	0.00050096	0.00194553	0.00231061	0.00342196	0.00501794
6.8847E-05	2.1948E-05	1.4633E-05	1.4633E-05	1.4633E-05	1.4633E-05	5.1212E-05	1.4633E-05
0.00605061	0.00578466	0.00610825	0.00716222	0.00899846	0.00889231	0.00871215	0.00659019
0.00047729	0.00075267	0.00104821	0.00131217	0.00161403	0.00185611	0.00208957	0.00269476
0.01004099	0.00791911	0.01249972	0.00509136	0.01623978	0.01383533	0.01769992	0.0163997
0.00175419	0.00167417	0.00275748	0.00346215	0.00402652	0.00312813	0.00212451	0.00215566
0.00597481	0.0056409	0.00491944	0.00634717	0.00597136	0.00647339	0.00624811	0.00611753
0.01599809	0.01451559	0.01985492	0.02099075	0.03364389	0.03235066	0.04016354	0.03376084
0.00089337	0.00089337	0.00090684	0.00090034	0.00093468	0.00103371	0.00083648	0.00091184
0.00089173	0.00090687	0.00094383	0.00095482	0.00094066	0.00105317	0.00124448	0.00129218
0.88329786	0.9025138	0.83730486	0.85916497	0.90917714	0.96958468	1.00278649	1.01278343
0.06999318	0.05641073	0.04708451	0.03351953	0.03300472	0.02744648	0.02331616	0.03109773
0.05132637	0.05460364	0.05668275	0.05803063	0.06034351	0.05878349	0.06351575	0.06053646
0.00873982	0.01042756	0.01175654	0.01175922	0.01280532	0.01181282	0.01346655	0.02359341
0.00206251	0.00173331	0.00157693	0.00083538	0.00108644	0.00146458	0.00121064	0.00060287
0.00013605	0.00014006	0.0002198	0.00029227	0.00038726	0.00052509	0.00053776	0.00068804
0.00140743	0.00161666	0.00167018	0.00181737	0.00176248	0.00206358	0.00216776	0.00228592
8.0214E-05	0.00012431	0.00015015	0.00017197	0.00022985	0.00028015	0.00027096	0.00029213
0.10270669	0.08349092	0.11407665	0.11163505	0.12287046	0.12882948	0.12956079	0.14101285
1.70539337	1.74817896	1.64442241	1.68694188	1.71883341	1.72238141	1.72538713	1.81919847
0.0250821	0.03482522	0.04156695	0.04986007	0.05400942	0.05876553	0.06176261	0.0672702
0.07467094	0.07699892	0.09864047	0.10134809	0.11459399	0.12654289	0.1352535	0.13909429
0.0005333	0.00035217	0.000361	0.0003899	0.00040902	0.00043934	0.00072905	0.00069207

0.00336611	0.00342537	0.00346661	0.00344047	0.00357221	0.00363059	0.00385177	0.00381981
0.00516879	0.00542598	0.00577963	0.00625531	0.00695526	0.00729302	0.00761503	0.01148524
2.0534E-06	1.2005E-06	7.167E-07	6.9112E-07	1.283E-06	1.2162E-06	1.2546E-06	1.3895E-06
6.4637E-05	6.6551E-05	9.6818E-05	8.9034E-05	9.823E-05	8.9025E-05	9.4694E-05	8.6978E-05
9.2065E-05	0.00014225	0.00017156	0.00019433	0.00020912	0.00022941	0.00024826	0.00029204
1.3276E-05	3.2945E-05	9.2935E-05	0.00010842	8.1869E-05	8.9247E-05	0.00016989	0.00015092
0.00010926	0.00018329	0.00026766	0.00027321	0.00031788	0.00036002	0.00035014	0.0004215
6.7584E-05	6.7536E-05	6.4349E-05	5.3846E-05	5.5769E-05	6.3163E-05	5.6621E-05	7.1808E-05
3.7309E-06	5.782E-06	6.9839E-06	7.3178E-06	8.513E-06	9.3385E-06	9.1849E-06	1.1323E-05
0.00087221	0.0008691	0.00071156	0.00061084	0.00041364	0.00038997	0.00050197	0.00051412
0.29290551	0.26227709	0.25970432	0.26056618	0.26412709	0.25971044	0.26039842	0.25039481
0.00123399	0.00127811	0.00165677	0.0016949	0.00203038	0.00231048	0.00246042	0.00253954
0.01841023	0.02579684	0.02485988	0.0291972	0.03680009	0.04874199	0.0593727	0.06385954
2.7982E-05	4.3365E-05	4.1903E-05	4.0248E-05	8.0874E-05	9.3385E-05	9.6442E-05	0.00010213
0.00151783	0.00251284	0.00327513	0.00453817	0.00583272	0.00683695	0.00532451	0.00541649
6.0109E-06	6.0067E-06	5.7231E-06	5.3211E-06	4.9601E-06	5.6177E-06	5.5954E-06	5.7645E-06
3.7309E-05	5.782E-05	6.6347E-05	6.9519E-05	8.0874E-05	4.2023E-05	5.0517E-05	9.7275E-05
0.00016523	3.4424E-05	4.1308E-05	4.8193E-05	8.2616E-05	0.00024785	8.2616E-05	7.5732E-05
0.01485993	0.018283	0.01680641	0.01434935	0.01533567	0.01646827	0.02444295	0.02455037
0.00033679	0.00034844	0.00037322	0.00040862	0.00044624	0.00048827	0.00053407	0.00058297
0.00221107	0.00228756	0.00245025	0.00268265	0.00292958	0.00320556	0.00350624	0.00382725
2.6265E-06	2.6332E-06	2.6561E-06	2.7592E-06	2.807E-06	2.8842E-06	2.967E-06	2.9492E-06
1.8161E-05	1.8696E-05	2.8691E-05	2.9249E-05	2.9067E-05	2.6279E-05	3.1049E-05	1.9388E-05
0.00151063	0.00137092	0.00133587	0.00169652	0.00164018	0.00177336	0.00231918	0.00304002
0.00257826	0.00290636	0.00277125	0.0027935	0.00345609	0.002869	0.00233706	0.00294081
0.18303933	0.11107909	0.12950461	0.12838087	0.12932908	0.1638871	0.18169811	0.21700263
0.04088505	0.04636838	0.03890882	0.03849927	0.04530087	0.05388825	0.05225788	0.073119
0.00047504	0.00046127	0.00046816	0.0004957	0.0004957	0.00050258	0.00050947	0.00051635
0.00008904	9.3805E-05	9.9105E-05	0.00009752	0.0001044	0.0001044	0.0001044	0.0001044
0.56691348	0.58106954	0.54513633	0.558154	0.56745674	0.56689606	0.56604747	0.5957329
0.00195686	0.00140172	0.00132855	0.00171859	0.00086236	0.00084652	0.00086152	0.00091103
6.349158	6.62581009	6.83215134	6.73750362	7.08406181	7.381203	7.78758392	7.71599844
0.04239374	0.04355478	0.0417981	0.04305831	0.0440885	0.04445357	0.04489297	0.04718055
2.0275E-05	2.0261E-05	1.9305E-05	1.7949E-05	1.6731E-05	1.8949E-05	1.8874E-05	1.6395E-05
0.01644227	0.0246859	0.02385234	0.02340606	0.02405274	0.02100182	0.01781832	0.01806853
1.3517E-05	1.3507E-05	1.9305E-05	1.7949E-05	1.6731E-05	1.2633E-05	1.2582E-05	7.8535E-06
0.01129061	0.01268777	0.01316369	0.01376388	0.01537899	0.0170181	0.01731631	0.01914291
7.2826E-05	7.4968E-05	6.7174E-05	6.8485E-05	6.8066E-05	6.1567E-05	8.3046E-05	7.7783E-05
6.4301E-05	6.6176E-05	6.7723E-05	7.8797E-05	7.8327E-05	8.8416E-05	8.3659E-05	7.366E-05
0.00065292	0.00079253	0.00071083	0.00098363	0.00112839	0.00128223	0.00128553	0.0013479
0.34406368	0.37340131	0.40828	0.43299962	0.44033993	0.47270043	0.48138243	0.48162009
0.00059823	0.00057271	0.00048105	0.00049495	0.00046509	0.00044675	0.00045562	0.00050115
0.00268325	0.00313309	0.00162574	0.0014679	0.00157765	0.00510491	0.00841615	0.01246579
0.00043537	0.00049705	0.00051105	0.00051954	0.00053464	0.0006286	0.00064896	0.00071899
0.01476901	0.01479232	0.01674085	0.01642225	0.01949478	0.01923564	0.02371235	0.02309092
0.17228218	0.17579478	0.17657309	0.17927518	0.1818758	0.18267115	0.19019431	0.193761
4.7414E-05	6.487E-05	9.9132E-05	0.00010655	9.1985E-05	8.7575E-05	5.3917E-05	4.5201E-05
1.40983706	1.38716421	1.36674464	1.40106047	1.39790522	1.43401249	1.45667474	1.58163993
0.04965096	0.05341406	0.04199926	0.04409065	0.04744631	0.053341	0.05073933	0.05024044
0.08102205	0.08081152	0.07304225	0.06571424	0.06163417	0.06011709	0.0399384	0.03694322

0.13093615	0.17560671	0.19749555	0.20793371	0.20577686	0.2370403	0.25150538	0.26681264
0.91984223	0.89224325	0.86256078	0.84187338	0.8495825	0.83519192	0.75773456	0.78623073
0.07628735	0.08079963	0.08210153	0.08233529	0.08192084	0.08139345	0.08100418	0.08237959
0.00115431	0.00119793	0.00128597	0.00166231	0.00093049	0.00114246	0.00114381	0.00121965
2.27666734	2.32847381	2.31037027	2.34580433	2.24292884	2.25642113	2.30959779	2.22860993
2.59148743	2.45317406	2.32985101	2.10315739	1.97372465	1.92878901	1.59332153	1.56128902
0.17406846	0.18271326	0.18648366	0.18801864	0.18850221	0.18927302	0.18939255	0.19280268
0.03331172	0.03438636	0.03512909	0.03669735	0.0378301	0.03930138	0.0401234	0.04167203
7.04075788	7.20480792	7.55894077	6.91228158	7.5356143	8.40894639	8.12196975	7.77519752
0.03507505	0.03571177	0.03534564	0.03696826	0.03801339	0.03932327	0.04092177	0.04144252
0.06039168	0.06223764	0.06368423	0.06390073	0.06548399	0.0674233	0.0679727	0.06979298
0.23080649	0.2399273	0.23846089	0.24888421	0.2546896	0.25239726	0.2626099	0.27151123
2.75247959	2.78707325	2.69100184	2.60169764	2.6019777	2.33901197	2.47423982	2.38093483
0.03033481	0.03125117	0.0337248	0.03576379	0.03766275	0.03685034	0.03866082	0.04195751
0.00933403	0.00988993	0.01001388	0.00912378	0.00669255	0.00656831	0.00595201	0.00658856
0.08452115	0.08122094	0.09923727	0.09862403	0.09889041	0.10114005	0.10629507	0.11639245
4.63206687	4.42092843	4.24265309	3.81180256	3.94157569	3.74062586	3.56236109	3.23533356
0.00380565	0.00387748	0.00367079	0.00365321	0.00391282	0.00417753	0.00422874	0.00475281
0.00218546	0.0022651	0.00189827	0.00190323	0.001924	0.00211007	0.00203405	0.00199609
0.05638834	0.06438222	0.06655165	0.06438868	0.06619126	0.06414163	0.06336464	0.06325269
8.54485982	8.56954672	8.03847668	7.9403497	7.66034426	6.54657393	7.21872296	8.207758
0.00428925	0.00443129	0.00444844	0.00474642	0.00479063	0.00507516	0.0054282	0.00575322
0.00466729	0.00709857	0.00640851	0.00753184	0.00826587	0.00795368	0.00849396	0.00856346
0.00712947	0.00738371	0.00774599	0.00789619	0.00811664	0.00811673	0.00860251	0.00866391
0.01799066	0.01881709	0.0232344	0.02391292	0.02406035	0.02461226	0.02515285	0.02749737
0.01855598	0.01906828	0.01995934	0.02069211	0.02136784	0.02261283	0.02323121	0.02419425
15.6529979	13.5641476	11.3133703	11.1399483	18.5611781	16.9581223	11.6190054	8.65918853
0.62515888	0.61368867	0.60002465	0.56085919	0.55243687	0.54457581	0.53086467	0.54374308
0.21317873	0.21712333	0.21837415	0.20515087	0.2081467	0.21538519	0.21263707	0.21929462
26.773365	29.8066203	26.1139766	25.1322022	24.9946105	26.8415999	26.8427672	26.1791766
0.0902917	0.0903821	0.08952878	0.09086572	0.09592769	0.09910062	0.09702919	0.10025828
0.0826589	0.08564445	0.08809605	0.09115901	0.09599095	0.09909512	0.10155431	0.10343297
0.18908852	0.19253105	0.19720215	0.19923548	0.20652553	0.2118673	0.21614519	0.22186389
0.01831597	0.01934388	0.02008154	0.0210236	0.02083429	0.02044471	0.02042446	0.02022116
0.00039088	0.00039416	0.00071871	0.00072739	0.00070935	0.00067246	0.00074571	0.00054537
0.58728449	0.58854853	0.5772736	0.83961721	0.57638046	0.60649748	0.6363852	0.62821821
0.00101445	0.00106422	0.00111132	0.00113102	0.00117775	0.00120647	0.00124194	0.00118802
0.00213713	0.00223785	0.00231793	0.00139084	0.00145365	0.00164259	0.00163749	0.00107802
0.03782828	0.03504653	0.03310092	0.03097813	0.03148074	0.03350672	0.0337432	0.03534797
1.69825765	1.49113063	1.57477442	1.05744717	0.91972903	1.38248179	1.30041702	1.26533823
0.00066154	0.00071542	0.0007192	0.00073423	0.00075413	0.00090865	0.00092995	0.00102996
0.04857615	0.0495216	0.04959267	0.05021692	0.05100936	0.05281142	0.05382882	0.05540967
3.2742707	3.10787482	3.03287086	2.7949626	2.69470446	2.70210007	2.57986566	2.41728695
33.0193316	30.9241254	30.8843918	27.5984146	29.9202936	30.8739496	26.8796812	25.1698692
0.00731573	0.0081499	0.00703951	0.00689204	0.0059198	0.00524357	0.00525996	0.00537622
0.00037667	0.00037123	0.00040309	0.00039423	0.00034962	0.00035014	0.00035355	0.00034495
1.65438026	2.86308193	1.20852183	1.93460977	3.31579714	1.09682479	1.18290286	1.7304708
0.11062395	0.10934055	0.10868102	0.11240559	0.11760568	0.12649546	0.10347112	0.11054221
0.31005079	0.39506152	0.24118136	0.57059678	0.52359787	0.52411944	0.5951793	0.61117777
0.13577939	0.14934774	0.1677249	0.17036447	0.16795955	0.17759662	0.18298676	0.18171277
2.5182414	2.47171822	2.45018806	2.27954317	2.21615448	2.24708894	2.1606252	2.02167116



0.01514823	0.01527782	0.01581483	0.01611386	0.01635141	0.0167078	0.01728875	0.01700781
0.00070734	0.00081041	0.00078248	0.00081445	0.00084097	0.0008486	0.00094628	0.00102789
6.62065544	6.72586012	6.22563184	5.797225	5.13648935	5.61737283	5.11507191	4.94508459
0.16222357	0.16698943	0.16892322	0.16817377	0.16463778	0.16077957	0.15691574	0.15298599
0.27745747	0.27781815	0.28494275	0.29462502	0.3023852	0.30904838	0.31732944	0.32784206
2.18799229	2.27553397	2.06584617	1.94012452	2.34676738	2.27281246	1.99187931	2.00809548
0.02217384	0.02248809	0.02333748	0.02346241	0.02121193	0.02009053	0.02122974	0.0222012
6.5543E-05	6.6779E-05	6.4136E-05	6.219E-05	5.7609E-05	6.2302E-05	7.406E-05	6.4147E-05
28.5397585	27.72808	27.2811812	29.398367	32.6790509	31.4846974	28.9960037	27.4546253
0.00049685	0.00050161	0.00050626	0.00051076	0.00051529	0.00052015	0.00052535	0.00053116
0.02530499	0.02543699	0.02849571	0.02896929	0.0289786	0.02714616	0.02973777	0.02864286
15.7071733	14.4966511	14.1983037	13.8243078	13.228556	12.6267731	11.8999807	11.0888385
1.38599649	1.34552348	1.30994972	1.20218878	1.15033047	1.14408598	1.0869321	1.03175588
0.08907697	0.09197349	0.09689052	0.09564695	0.0908042	0.09464707	0.10027304	0.10485537
0.00105641	0.0011849	0.00112159	0.00119512	0.00112875	0.00110168	0.00116402	0.00131138
0.06654905	0.06678876	0.0683846	0.06951583	0.07157338	0.07274801	0.07526411	0.07753382
0.00296169	0.00303093	0.00356418	0.00409585	0.0040639	0.00480382	0.00443356	0.00468069
0.00319235	0.00343316	0.00351508	0.0035156	0.00371717	0.00388491	0.00397632	0.00411331
0.01087157	0.01193181	0.0121255	0.01252546	0.0129685	0.01321594	0.01361094	0.01401559
0.00282198	0.00307401	0.00300444	0.00308839	0.0028222	0.00288393	0.0029741	0.0029193
1.69365274	1.6508836	1.43150133	1.80235523	1.89533919	1.93101427	1.90710313	1.77911491
0.00018271	0.00018899	0.00024028	0.0002277	0.00021819	0.00024465	0.00024266	0.00029116
0.00057575	0.00057844	0.00058311	0.00058971	0.00059746	0.00060559	0.00061315	0.00062015
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0.10401368	0.1029776	0.11869223	0.12804124	0.14162568	0.14692696	0.14785373	0.17256632
0.04497138	0.04707443	0.04760976	0.04896397	0.05083108	0.05162286	0.05019972	0.05124916
1.33193309	1.28004981	1.25357362	1.14802854	1.18685401	1.35494279	1.34347427	1.3435674
0.08307665	0.0835847	0.08161051	0.08377979	0.08567135	0.08585664	0.08599577	0.08471529
5.39450109	5.19000516	5.36580381	5.0578908	5.04265136	4.89937622	4.70759303	4.35672739
1.47568557	1.51352082	1.55786038	1.58092669	1.56186004	1.60931919	1.67758751	1.72842234
6.8387691	6.36065491	6.82479699	6.42581888	6.71703747	6.74902795	6.64388533	6.66997438
1.34964738	1.303489	1.26494389	1.15463148	1.10093812	1.10809569	0.93999087	0.88941417
2.60497443	2.57164695	2.61752494	2.68408177	2.84367736	2.95347235	3.07897735	3.06872713
0.72320261	0.7435035	0.75982656	0.79641594	0.83549106	0.86434405	0.90570463	0.93814074
0.01496054	0.01471478	0.01743317	0.01468824	0.01490224	0.01636289	0.01589379	0.0163773
0.68528052	0.67319593	0.66906644	0.64213971	0.63101381	0.63389015	0.63250666	0.61870066
8.95392884	8.45960251	7.94200874	6.72763764	6.28454538	6.30937991	6.98946644	7.81399729
0.05075443	0.04981956	0.0495403	0.04628429	0.04753787	0.04440585	0.04565341	0.04399283
0.12380125	0.13169793	0.14053215	0.14815681	0.15698467	0.16404371	0.17111382	0.18157605
12.4654393	11.8321704	11.4919713	11.4213653	11.6987873	12.6109339	13.2400585	12.6187287
1.51627662	1.57194438	1.47190888	1.38830329	1.30600331	1.22326066	1.16181894	1.14688412
0.18470124	0.19423237	0.19848028	0.20153297	0.20487979	0.21782643	0.2238774	0.23543567
0.13428937	0.14203377	0.13555432	0.12781486	0.11963564	0.11275703	0.10862607	0.10960067
0.02586851	0.02572136	0.02559508	0.02599102	0.02696981	0.02715535	0.02874311	0.02884283
0.00061714	0.00062897	0.00064628	0.00065535	0.00065141	0.00049383	0.0005198	0.00052061
0.00077082	0.00077919	0.00077086	0.00075827	0.00074875	0.00077521	0.0007732	0.00074813
0.82442066	0.74526416	0.7687434	0.76829583	0.82609417	0.84894916	0.86018436	0.94355267
0.15823127	0.18739566	0.21046813	0.25231478	0.26150372	0.25367731	0.28975228	0.30104034
0.01500322	0.01524272	0.01276173	0.01277067	0.01327449	0.01290641	0.01379915	0.014241

0.14947967	0.1594864	0.16102902	0.15098873	0.15656876	0.15750678	0.16648277	0.16549025
0.02581937	0.02759981	0.0252955	0.02589745	0.02429853	0.02428523	0.02498792	0.02837835
0.12351762	0.13507291	0.16106699	0.17571241	0.17683475	0.17347596	0.15769179	0.15654999
0.00066532	0.00068934	0.00054867	0.00064818	0.00054416	0.00058108	0.00070024	0.00074017
0.10517053	0.10583332	0.10855727	0.11578441	0.12039731	0.11952299	0.11684305	0.11970504
0.02363674	0.02428921	0.02490998	0.02512683	0.02589408	0.02621297	0.02674869	0.02740479
1.91473639	1.84411759	1.78013227	1.61708602	1.52926708	1.51642328	1.42122606	1.2969795
0.04574514	0.04521987	0.04340896	0.04249859	0.04006629	0.04152423	0.04354807	0.04277492
0.10688297	0.1097662	0.11166732	0.112895	0.11274673	0.11324921	0.11303313	0.11311094
0.00386241	0.00390392	0.00401484	0.00429497	0.0060333	0.00612571	0.00574427	0.00755978
0.11304522	0.11139345	0.11622675	0.12674018	0.12927561	0.12863857	0.13338863	0.13848126
0.09086141	0.09474254	0.09387352	0.09417232	0.09384238	0.09353373	0.09345923	0.0953031
0.04249697	0.0452733	0.0449813	0.04568527	0.04636735	0.05052735	0.05219712	0.05312624
0.00018263	0.00018474	0.00019169	0.0001924	0.0001903	0.00057044	0.00065456	0.00070302
2.38445587	2.52721614	2.57137396	2.59225824	2.47361176	2.52670527	2.52884433	2.5601358
0.03060093	0.02992624	0.03516557	0.03436655	0.03505988	0.03658058	0.03840425	0.04182899
0.02397975	0.02478786	0.0264383	0.02621425	0.0275504	0.02899629	0.03020095	0.02942888
0.00781266	0.0086693	0.00943182	0.0104767	0.00870237	0.01033328	0.0085378	0.01400656
0.21780328	0.22144188	0.22370019	0.22782436	0.22943159	0.23571815	0.24880145	0.25055558
0.05007679	0.05340236	0.05150851	0.05571884	0.05514821	0.05838027	0.07862595	0.08113063
0.2076103	0.21154531	0.21104398	0.21001503	0.20903928	0.20749031	0.20556884	0.20366388
0.00995087	0.01048192	0.01066581	0.01086951	0.01129295	0.0133432	0.01344626	0.01179333
0.00207048	0.00212611	0.00209109	0.00216017	0.00197673	0.00191298	0.00233128	0.00253549
0.02568952	0.02510368	0.02512042	0.02402249	0.02475744	0.02470259	0.02380813	0.02624994
0.06704211	0.06926464	0.07185007	0.0728748	0.07383738	0.07539077	0.07848798	0.08288424
0.21660009	0.23327119	0.24709652	0.26808801	0.29415136	0.27879332	0.28285717	0.28977626
0.0157056	0.01670021	0.01733528	0.01734133	0.01836882	0.01875002	0.01972497	0.02152426
0.01445991	0.01474008	0.01515099	0.01094738	0.00970241	0.01052219	0.01124258	0.01108588
0.02223614	0.02348885	0.02502274	0.02564626	0.02575134	0.02593352	0.02641392	0.02993207
1.08706972	1.1376311	1.15450566	1.19542134	1.22014	1.23587308	1.25220562	1.27412158
0.03783422	0.04105812	0.0421425	0.04273304	0.04313516	0.04281126	0.04379807	0.04494474
9.04663939	8.60405814	8.20489115	7.30754051	6.83414479	6.75382718	6.35601475	6.03754577
5.86832202	5.52959786	5.24884291	4.66179997	4.32984985	4.23095855	3.90066845	3.53653033
0.10804023	0.11085825	0.11216717	0.11460293	0.11872803	0.12126436	0.12101967	0.12489383
0.17664862	0.18098722	0.17932123	0.18271958	0.18435685	0.18977837	0.18993966	0.18998279
0.07035961	0.0689513	0.07510949	0.07996794	0.08885515	0.09548975	0.10042338	0.10676024
1.49175466	1.47801394	1.47659435	1.41506162	1.39650664	1.42900426	1.41240531	1.36377065
0.03726886	0.03620984	0.03393333	0.03695281	0.04169346	0.03735689	0.03591288	0.03657994
0.46373317	0.47005721	0.47321634	0.46072654	0.43549904	0.43233486	0.40427627	0.46384702
0.55282886	0.52753159	0.5226275	0.53467639	0.55712033	0.53635942	0.54183411	0.5250138
0.01805867	0.01808383	0.01835139	0.01821326	0.01886007	0.02089134	0.01691457	0.01838852
0.02462075	0.02502672	0.02630448	0.02670615	0.02631474	0.02776039	0.03035823	0.02940696
11.6561304	11.1184943	10.7603483	10.2685411	10.3271313	9.99590986	8.56292948	8.57885231
0.33363977	0.27216697	0.23143717	0.17334491	0.17215277	0.15108219	0.13022899	0.16687933
0.47406528	0.49757858	0.5049497	0.52609029	0.54024145	0.5570044	0.57098847	0.55922187
1.95041307	1.16581962	1.04792863	1.12555352	1.18894811	0.92466804	0.8982174	1.00914353
0.05989504	0.06502688	0.06501784	0.06605538	0.06719935	0.06874662	0.06993653	0.07330792
0.00299445	0.00306092	0.00442391	0.00561372	0.00703875	0.00957486	0.00938897	0.01087813
0.04366906	0.04343212	0.04499098	0.05186009	0.05254119	0.05803009	0.05749047	0.06083747
0.00784584	0.00817601	0.00838569	0.00860365	0.00958008	0.01019213	0.01000722	0.01025895
7.8016272	7.519039	7.31770766	6.76496201	6.49135739	6.54001427	6.21729223	5.79037438

36.8518349	35.8835473	34.8891205	32.3971807	31.3850523	31.4569152	30.1144813	28.3723374
0.10304644	0.10722215	0.11079171	0.11421086	0.11739374	0.12346307	0.12689593	0.12947505
0.92740162	1.01270254	1.13033793	1.2345574	1.38529806	1.34200165	1.36045961	1.36773288
1.2612211	1.21790158	1.22596312	1.13498491	1.09595562	1.09980372	1.06374142	1.0133314
0.23856753	0.24513847	0.24896195	0.25618574	0.2633937	0.26033692	0.26860348	0.27089495
10.891623	10.6620607	9.91711677	8.94367202	8.37618998	8.49117124	9.16195623	9.74492211
0.05252991	0.05376677	0.05342928	0.05351804	0.05458145	0.05574655	0.05636048	0.05525051
0.09290821	0.09014652	0.0967652	0.10214531	0.1081636	0.11275097	0.11089684	0.11458401
3.0167E-05	3.1658E-05	2.1081E-05	1.9981E-05	2.7544E-05	2.5795E-05	2.8314E-05	3.2413E-05
0.00243924	0.00251044	0.00307507	0.00299651	0.00316553	0.00312423	0.00320967	0.00302735
0.04115296	0.04123374	0.04071346	0.04069794	0.04125257	0.04073161	0.04201269	0.0432908
0.05814836	0.05104992	0.05049182	0.05152666	0.05267336	0.05388296	0.05579887	0.04956349
0.04167653	0.04448804	0.04706292	0.04844145	0.05160536	0.05300764	0.0536751	0.05599245
0.0003648	0.00038683	0.00037598	0.00032687	0.00034867	0.00038817	0.00034767	0.00044409
0.00059889	0.0006161	0.00068291	0.00066367	0.00070002	0.00073258	0.00073273	0.00078115
0.0075317	0.00778996	0.00634122	0.00589024	0.00458388	0.00438471	0.00493324	0.00511341
1.59717765	1.552837	1.48096837	1.34976024	1.30397498	1.30749688	1.24041028	1.14067054
0.08776322	0.08503698	0.09050403	0.08800148	0.08820013	0.08752306	0.09088191	0.10105734
2.11558625	1.99653897	1.91764764	1.83368775	1.92507004	1.94372054	1.9033264	1.56794736
0.02978479	0.03105379	0.03105705	0.03100753	0.02942787	0.02971772	0.03038515	0.03157366
0.00103062	0.00114797	0.00097209	0.0008656	0.00160984	0.00171598	0.00176088	0.00184543
0.73015162	0.72983059	0.74250384	0.74067435	0.75690616	0.78202205	0.77560782	0.77005697
5.7787E-05	5.9479E-05	5.7268E-05	5.5641E-05	5.2893E-05	5.8529E-05	5.9132E-05	6.232E-05
0.03287464	0.03423151	0.0352579	0.03599724	0.03578429	0.03553812	0.03527245	0.0374052
0.02647062	0.02597282	0.02639615	0.02780102	0.0268502	0.02833196	0.02802856	0.03073577
0.65157195	0.64702744	0.65050278	0.64736267	0.58832534	0.64663386	0.70809353	0.75722539
0.02245196	0.02365484	0.02356703	0.02353526	0.0235768	0.0239386	0.02437016	0.02503129
0.52307446	0.51183529	0.4990639	0.45950003	0.4408622	0.44330125	0.42364405	0.39747672
0.00043361	0.00044012	0.00044703	0.00045247	0.00046513	0.0004637	0.00048235	0.00048412
0.00080349	0.0008126	0.00098438	0.00099213	0.00097883	0.00095089	0.00100635	0.00079887
0.03069076	0.03053405	0.03114536	0.03547491	0.03543664	0.03819636	0.03871515	0.04110631
0.77381797	0.75089441	0.73212585	0.66761282	0.64450447	0.6454497	0.61168212	0.56683023
2.34144607	2.37936442	2.42784738	2.47914184	2.5422592	2.59956487	2.65083824	2.73682921
0.89956009	0.8807413	0.80442585	0.77391728	0.8681418	0.93808634	0.9075451	0.89843918
0.23787418	0.24395172	0.250454	0.25634671	0.26352458	0.27127478	0.27885111	0.28696378
0.13586212	0.14811128	0.14881712	0.14972992	0.15035021	0.15356702	0.15677127	0.16018794
16.3281398	17.9198352	17.6386681	16.8963964	16.5156904	16.2664564	15.1850436	15.07552
0.05919225	0.05232776	0.05260756	0.04994898	0.0447582	0.04183598	0.04119094	0.04242068
105.986514	92.9892809	87.3234555	79.6510237	86.5003738	80.1736675	76.1805851	75.9780682
0.39567791	0.40510678	0.40556367	0.39193747	0.39519048	0.39692646	0.39967307	0.48486364
0.00044258	0.00044624	0.00042168	0.00041796	0.00036398	0.000368	0.00036886	0.00036466
0.59550313	0.66380766	0.65614099	0.68627874	0.65558425	0.64218524	0.63583775	0.65749577
0.00012926	0.00013387	0.00018659	0.00018033	0.00016945	0.00013141	0.00013099	8.9996E-05
0.29175562	0.34328977	0.34287857	0.35491669	0.36822849	0.37531483	0.39563068	0.41206689
0.00183463	0.0018742	0.00178584	0.00181919	0.00180421	0.00175396	0.00206167	0.00189513
0.00205694	0.00208226	0.00213308	0.00231543	0.00228848	0.00250642	0.00237371	0.00212567
0.34330344	0.36253286	0.37575795	0.3927441	0.41087204	0.42494473	0.44272451	0.46340095
3.02951848	3.02963903	3.06433576	2.92253748	2.82413076	2.91258756	2.83794808	2.72606937
0.97907164	0.95268306	0.9280228	0.85392988	0.82004699	0.82555888	0.7873863	0.73613524
0.17886474	0.19416956	0.19279974	0.19490292	0.19937186	0.20344641	0.21297341	0.22846276
5.3473E-05	8.0595E-05	9.0915E-05	9.6597E-05	0.00011513	0.00011454	0.00011774	0.00014354

0.00350634	0.00337028	0.0046002	0.00434334	0.00591425	0.00620929	0.00996258	0.00898584
0.01212121	0.011038	0.00957262	0.00937977	0.00801441	0.00685519	0.01006177	0.01013631
2.5108E-05	3.4275E-05	6.142E-05	6.4902E-05	5.9202E-05	5.7094E-05	3.14E-05	2.599E-05
1.51650723	1.50830439	1.50239856	1.55719697	1.57111032	1.62996687	1.67471598	1.83948419
0.00715295	0.00831459	0.00513384	0.00514428	0.00553317	0.0081272	0.00624818	0.00576284
0.02265567	0.02276078	0.02293001	0.02175174	0.02564039	0.02178936	0.01755192	0.01419316
0.03217943	0.07005626	0.08460425	0.09179547	0.09423575	0.09161265	0.0928802	0.08958337
0.33146798	0.34081302	0.36157247	0.35441114	0.388799	0.37048923	0.33802023	0.36258035
0.01396054	0.01508623	0.01484146	0.01461974	0.01420943	0.01419425	0.0141557	0.0149521
9.4763E-05	0.00013432	0.00012769	0.0001747	0.00011629	0.00012114	0.00011828	0.00013959
0.68697789	0.70015056	0.71586656	0.73878908	0.73863516	0.77384897	0.81149485	0.84839894
0.14418693	0.1322658	0.13091149	0.13278332	0.13994892	0.14149827	0.14679542	0.15410614
0.05693457	0.05964539	0.06019681	0.06022863	0.05974134	0.06195656	0.06313565	0.06591441
0.0001431	0.00015415	0.00018705	0.00015067	0.00017919	0.0002298	0.00020909	0.00024541
0.20023051	0.19294304	0.18324824	0.18034142	0.17808692	0.17761852	0.17641723	0.18354063
0.00285254	0.00277612	0.00198478	0.00266329	0.00243699	0.00296206	0.00325727	0.00295357
0.00061326	0.00066066	0.00070145	0.00064572	0.00067196	0.0006894	0.00060637	0.00083188
0.027376	0.03301583	0.0277268	0.03216788	0.03940216	0.03728643	0.04746595	0.04552869
0.03569498	0.03706786	0.03569498	0.03569498	0.03569498	0.0345143	0.03330616	0.03322379
0.00593753	0.00592873	0.00676658	0.00724405	0.00806455	0.00750376	0.00788219	0.00734746
0.00094763	0.00134325	0.00148119	0.00128453	0.00110479	0.00093612	0.00080646	0.0009424
0.0129123	0.01204092	0.01254089	0.01156879	0.01200834	0.01150366	0.01311842	0.01674101
0.31310559	0.31216593	0.32183372	0.32742949	0.33423345	0.34382006	0.34736764	0.35378795
5.415E-05	7.6757E-05	7.6613E-05	7.1934E-05	8.1406E-05	8.2598E-05	8.0646E-05	0.00011683
0.00012861	0.0001823	0.00016855	0.00017983	0.00021514	0.00019824	0.00018817	0.00020566
0.02583378	0.02512495	0.02530443	0.02047791	0.02185218	0.02092409	0.0205926	0.02160355
0.81948522	0.81503656	0.80070681	0.83388608	0.82224292	0.84403967	0.8880371	0.9527452
0.00022675	0.00032142	0.00035753	0.00036481	0.0004361	0.00039647	0.00043011	0.00052425
0.00119458	0.00331092	0.00279273	0.00346682	0.00380711	0.00346188	0.00377616	0.00374117
1.0018E-05	9.6294E-06	0.000115	0.00011137	0.00010753	0.0001129	0.00015327	0.0001385
0.00342666	0.00405112	0.0042464	0.00444119	0.00455686	0.00482512	0.00464192	0.00546621
0.00020442	0.00022022	0.00030396	0.00030134	0.00033598	0.00032172	0.00029273	0.00041209
1.8699686	1.91071901	1.83771163	1.57365328	1.51069282	1.58201875	1.56945322	1.53502663
0.11012705	0.11700163	0.12205147	0.12572761	0.13372832	0.13913159	0.14104973	0.1524115
0.08551954	0.08659444	0.09233742	0.08850319	0.09161005	0.09343071	0.09385212	0.09513483
0.28070369	0.2665311	0.27045944	0.28427785	0.3019268	0.32274473	0.33072301	0.35385696
0.01828883	0.01887308	0.01805851	0.01702784	0.01519742	0.01488623	0.01407986	0.01409063
0.01151489	0.01219737	0.01214848	0.01348533	0.01488868	0.01645379	0.01607666	0.01539229
0.00433535	0.00425453	0.00419483	0.00353534	0.00415981	0.00424582	0.00379945	0.00380732
0.00514921	0.00584517	0.00624276	0.00757798	0.00702396	0.006523	0.00600924	0.0057292
0.00010177	9.8694E-05	0.00021386	0.00022182	0.0002223	0.00021419	0.00024701	0.00016174
0.10296241	0.10465786	0.10796142	0.11403947	0.12473449	0.12632056	0.12814105	0.13316749
6.1326E-05	6.6066E-05	7.0145E-05	6.4572E-05	6.7196E-05	6.894E-05	6.2728E-05	3.964E-05
0.00042929	0.00046246	0.00049101	0.00019372	0.00020159	0.00025278	0.00023	8.1857E-05
0.00494475	0.00472785	0.0041522	0.00394977	0.00406409	0.00440854	0.00450726	0.00493433
0.04961709	0.05187504	0.05747225	0.0540556	0.05763809	0.05946851	0.05543339	0.05997741
3.892E-05	5.7568E-05	6.3845E-05	6.9365E-05	8.4313E-05	8.5352E-05	8.6023E-05	0.0001061
0.00412698	0.00414317	0.00416539	0.00444254	0.00486162	0.00526756	0.00558618	0.00596601
0.05529293	0.0466478	0.05504978	0.04577589	0.0464341	0.05013226	0.04922383	0.04863915
1.76754446	1.78067164	1.70700869	1.6819145	1.66636658	1.70876092	1.71982432	1.78669408
0.00204422	0.0022022	0.00187052	0.00172192	0.00134392	0.001149	0.00104546	0.00109082

6.7688E-06	9.5946E-06	1.5323E-05	1.5414E-05	1.7444E-05	1.652E-05	1.6129E-05	1.537E-05
0.11902409	0.11577781	0.11893189	0.12212865	0.11749011	0.12100716	0.12862338	0.13094333
0.01883056	0.01855322	0.01524552	0.01679674	0.02035159	0.02211085	0.01902007	0.02171854
0.06900977	0.07242012	0.08351721	0.08352877	0.08908849	0.0951001	0.15350586	0.15156282
0.02938654	0.03409931	0.04017435	0.04331411	0.04576209	0.05155736	0.05631715	0.06111222
0.05497884	0.06649959	0.08152111	0.0825799	0.0959507	0.10927472	0.11851049	0.11787812
0.00093582	0.00091557	0.0009831	0.00090333	0.0008418	0.00082751	0.00074819	0.00096333
0.00026741	0.00028409	0.00029872	0.00031233	0.00032165	0.00033476	0.00037699	0.000437
0.46880981	0.44343582	0.42315698	0.42324755	0.42232027	0.43108893	0.43286225	0.45096969
0.03688202	0.03690197	0.03785312	0.03845535	0.03892119	0.03945808	0.03960177	0.04051975
0.00765648	0.00722737	0.00756209	0.00719886	0.00693755	0.00685435	0.00663045	0.00774958
0.10448791	0.10349433	0.10396037	0.10369551	0.105127	0.10589003	0.10906313	0.11296649
0.00361271	0.00350364	0.00390301	0.0039928	0.00327898	0.00289161	0.00339636	0.00355826
2.7075E-06	3.8378E-06	4.0861E-06	4.1105E-06	4.6518E-06	4.4052E-06	5.3764E-06	4.8281E-06
0.99834892	0.9958029	1.00213928	0.98400526	1.00303323	1.00377126	0.99226603	1.01403008
0.00329875	0.0026035	0.00550552	0.00551934	0.00486288	0.00253347	0.00314159	0.00494263
1.14435792	1.14928533	1.11335344	1.11381923	1.14871368	1.17846129	1.18600936	1.24231035
0.05256417	0.05383067	0.05347415	0.05281207	0.05189632	0.05187004	0.05158518	0.05219311
0.0137696	0.01477885	0.01801291	0.01637415	0.01126716	0.01214606	0.0143892	0.01566425
0.00024142	0.00026926	0.00028318	0.00029711	0.00024142	0.00022749	0.00027741	0.00036672
0.00114476	0.00123323	0.00128598	0.00120534	0.00127672	0.00130986	0.00110819	0.00159142
0.00011845	0.00016791	0.00025027	0.00031856	0.00037796	0.00039097	0.00034947	0.00041252
0.00022486	0.00024224	0.0002572	0.00023676	0.00024638	0.00027576	0.00025091	0.00026294
0.00012265	0.00013213	0.00014029	0.00012914	0.00013439	0.00018384	0.00018818	0.00018765
8.8027E-05	6.6133E-05	8.8312E-05	8.8383E-05	4.3788E-05	6.6341E-05	2.1711E-05	4.3266E-05
0.09601184	0.09946613	0.1041687	0.10536724	0.11389892	0.11871011	0.12399275	0.1282345
1.0153E-05	1.4392E-05	2.043E-05	2.0553E-05	2.3259E-05	2.2026E-05	2.1506E-05	2.8945E-05
0.01336211	0.01545849	0.01567038	0.01399718	0.01396778	0.01501867	0.015258	0.0153149
8.461E-05	0.00011993	0.00011237	0.00013873	0.00016281	0.00012114	0.00011828	0.00016089
0.0025667	0.00259569	0.00291455	0.00284639	0.0031636	0.00289708	0.00272553	0.00273815
0.04829252	0.04181368	0.0488216	0.0530858	0.05522987	0.05297399	0.04852914	0.06482496
0.00813885	0.00780602	0.00884525	0.00876614	0.01108153	0.01126685	0.01087644	0.01287105
0.022093	0.02066651	0.02199792	0.02009769	0.01998505	0.01927922	0.02083729	0.02676644
0.00138245	0.00133376	0.00131262	0.00132242	0.00128938	0.00131809	0.00130315	0.00136745
0.13893918	0.14017098	0.13794451	0.13222755	0.12563116	0.12660298	0.12928408	0.13181841
0.16239247	0.18558035	0.20567603	0.23393125	0.22303322	0.22513757	0.23192081	0.24483723
1.47685957	1.53284979	1.6144238	1.20357826	1.26347705	1.34948819	1.45705483	1.55285267
0.05747928	0.05731141	0.05721499	0.05590053	0.05213775	0.04804358	0.05442742	0.05268655
0.21859843	0.20389139	0.21109452	0.22830528	0.28245973	0.28295006	0.32896939	0.30341211
0.08475846	0.09658575	0.11271003	0.13314017	0.13552221	0.1350919	0.15275508	0.14980027
0.00480394	0.00462838	0.00532958	0.00483352	0.00474009	0.00505659	0.00491563	0.00519564
0.04150058	0.04172395	0.04112287	0.04551785	0.04782675	0.04237016	0.0488044	0.04943309
0.67177389	0.68176079	0.68155568	0.69532022	0.68920287	0.70948234	0.73156252	0.75214045
0.00781403	0.00717677	0.00768802	0.00838899	0.01050425	0.00922555	0.00899063	0.00939353
0.01566386	0.01584688	0.01599495	0.02150388	0.02320281	0.02070044	0.0226596	0.02697854
2.14835427	2.19103223	2.12885664	2.04699153	2.07511217	2.11580264	2.12794951	2.1931007
0.28377395	0.28297433	0.2923015	0.29797795	0.3055035	0.313182	0.3157497	0.32184591
0.03028158	0.03930342	0.03132946	0.03054737	0.02994751	0.03484839	0.03191288	0.03535948
0.05136283	0.05527324	0.0542751	0.05280943	0.05160955	0.05144484	0.05143203	0.05303419
0.00069595	0.00069254	0.00079338	0.00094338	0.00101779	0.00113939	0.00135388	0.00111842

0.00010177	9.8694E-05	0.00010693	0.00011091	0.00011115	5.3548E-05	6.1752E-05	5.5784E-05
1.3538E-05	1.9189E-05	2.043E-05	2.0553E-05	2.3259E-05	2.2026E-05	2.1506E-05	2.1366E-05
0.07555095	0.0617253	0.20694239	0.2481671	0.31898885	0.35075605	0.37522584	0.41311083
0.02824085	0.05061317	0.0689068	0.08795181	0.09043959	0.06674727	0.08880621	0.08848359
0.00109887	0.00109349	0.00047603	0.00047169	0.00048854	0.00044762	0.00058023	0.00059915
0.01217274	0.01476694	0.01599991	0.0124292	0.01538177	0.01592299	0.01846757	0.01672975
0.00265748	0.00286286	0.00280578	0.00258287	0.00268783	0.00252779	0.00230001	0.00197733
0.03491795	0.04128271	0.05455462	0.0584515	0.05961973	0.06352993	0.06156852	0.05824446
2.7075E-05	3.8378E-05	3.0645E-05	4.1105E-05	4.0703E-05	3.8546E-05	4.8388E-05	5.6355E-05
0.07208646	0.06959358	0.0684468	0.068287	0.06644004	0.07301602	0.0775372	0.07655523
0.00020442	0.00022022	0.00023382	0.00021524	0.00022399	0.0002298	0.00023	0.00027968
0.07297517	0.0731928	0.0759703	0.07778691	0.0798564	0.0816922	0.08257079	0.08504004
0.01608246	0.01565979	0.01736962	0.01680082	0.01641858	0.01715367	0.01806834	0.01854335
0.09088218	0.08960703	0.09347801	0.0959832	0.09921893	0.10203044	0.10320809	0.10523458
0.00106537	0.00104198	0.0011562	0.00126793	0.00174366	0.00195089	0.0020559	0.00248969
0.03094258	0.02867091	0.03090072	0.03402354	0.03403666	0.03426529	0.03514414	0.0369192
0.01050764	0.01138738	0.01126253	0.01117969	0.01081568	0.01103365	0.01113367	0.01192728
0.00510639	0.00540894	0.00385919	0.00385936	0.00328378	0.00448961	0.00402643	0.00370631
5.0091E-05	4.8147E-05	5.7502E-05	5.5684E-05	5.3766E-05	0.00022579	0.00030654	0.00030632
0.33491287	0.37967827	0.42787941	0.43042252	0.39002977	0.41020417	0.4035068	0.80981508
0.00490535	0.00463335	0.00492089	0.00443614	0.00450783	0.00431919	0.00472603	0.00604931
0.00061326	0.00066066	0.00093526	0.00064572	0.00067196	0.0006894	0.00069	0.00060332
0.00148926	0.00158732	0.00166197	0.00182428	0.0019051	0.00187136	0.00092814	0.00287222
0.02193167	0.02230424	0.02190011	0.02370218	0.02172784	0.02378139	0.02236471	0.02481529
0.00399514	0.00390742	0.00447561	0.00537909	0.00530679	0.00585266	0.02804559	0.02926279
0.0012764	0.00205011	0.00187663	0.00170138	0.00164203	0.0014595	0.00086845	0.00071387
0.00085857	0.00092492	0.00093526	0.00086096	0.00089594	0.0013788	0.00125455	0.0008305
0.0001523	0.00021588	0.00022984	0.00023122	0.00025585	0.00021476	0.00025807	0.00031205
0.0017661	0.00176579	0.00172141	0.00169867	0.00171813	0.00174482	0.00173911	0.00226296
0.00061326	0.00066066	0.00081835	0.00062419	0.00053757	0.00052854	0.00056455	0.00060601
0.05957572	0.06517743	0.06931444	0.07664489	0.08680143	0.08576392	0.08833292	0.09532643
0.00204422	0.0022022	0.00233815	0.00215239	0.00223986	0.00229799	0.00230001	0.00281189
0.00508832	0.00493471	0.00534659	0.00388189	0.00333456	0.00374838	0.00389038	0.0036684
0.00225619	0.00266303	0.00332094	0.0035559	0.00337844	0.00326098	0.00298319	0.00404349
0.11209263	0.13026487	0.13872717	0.15441729	0.15236149	0.14353101	0.12361714	0.13908068
0.0085631	0.01071618	0.01212873	0.0110739	0.01304169	0.01198841	0.01116795	0.01284526
0.22010601	0.21853101	0.21786383	0.21646884	0.21821281	0.22225097	0.21951467	0.22178904
0.09436563	0.08813975	0.08570931	0.08649336	0.08885926	0.09267862	0.09675311	0.10736826
0.00399364	0.00590479	0.00521519	0.00542042	0.00573424	0.00683485	0.00679317	0.00782213
0.05787723	0.05809316	0.05821259	0.05890521	0.05982402	0.06296589	0.06358323	0.06576236
0.00472004	0.00507073	0.00547365	0.00638861	0.00739124	0.00875764	0.00992101	0.01057541
0.22375189	0.25096606	0.2813215	0.29427047	0.30614477	0.33110645	0.3552045	0.36384594
0.01085206	0.01108828	0.0119467	0.01198225	0.01348773	0.01364503	0.01359392	0.01479737
0.05777679	0.06393564	0.07574671	0.07263718	0.07179733	0.07358977	0.06726549	0.07400038
0.1211806	0.11765142	0.11598473	0.1222726	0.1223046	0.12230073	0.12364432	0.12763385
0.00811155	0.00780571	0.00793865	0.00789683	0.00851305	0.00911614	0.00739104	0.00837376
0.00439547	0.00437394	0.0047603	0.00514569	0.00488537	0.00569694	0.00676938	0.00575186
0.38909621	0.35284677	0.33587934	0.32883596	0.33532143	0.32816865	0.3180313	0.3279446
0.00903078	0.00964266	0.01048383	0.01014072	0.01189248	0.01312489	0.01270429	0.01341326
0.06404945	0.06991221	0.06657189	0.06743536	0.06469636	0.06299242	0.06228163	0.05466952
0.06859057	0.06894792	0.07273496	0.07528464	0.07448861	0.07338821	0.07153589	0.0760257

0.01389465	0.01680417	0.01827684	0.01740818	0.01913054	0.02053151	0.01961213	0.02063537
0.00076325	0.00074021	0.00122971	0.00166367	0.00222304	0.00321289	0.00321111	0.00356987
0.00904395	0.01000374	0.01150143	0.01302648	0.01312468	0.01125985	0.01139745	0.01093468
0.00087901	0.00094695	0.00100541	0.00101163	0.00120952	0.0013788	0.00123364	0.00138317
0.07166865	0.06462772	0.04204523	0.05778715	0.04948686	0.04739748	0.04021344	0.03743714
4.46248953	4.48164872	4.61602013	4.68825386	4.78457303	4.9283524	4.98802495	5.09458556
0.00056597	0.00220625	0.00300471	0.00313019	0.00347203	0.00340876	0.00306607	0.00310591
0.21840332	0.17697248	0.23895056	0.27624323	0.39788325	0.42607888	0.41154595	0.36376283
0.02584959	0.02402374	0.02488538	0.02309416	0.02410013	0.02308241	0.02659032	0.03390317
0.0250301	0.02635454	0.02597569	0.03008316	0.02809429	0.02664712	0.02854321	0.0274852
2.5110193	2.45810168	2.28644223	2.06204922	1.93099336	1.95733602	2.11196167	2.24634373
0.00788564	0.00825379	0.00792918	0.00790721	0.00834289	0.00912755	0.00841841	0.00771804
0.03848587	0.0352808	0.0382278	0.04266893	0.04347905	0.04618455	0.04321679	0.04305209
1.2537E-05	1.4985E-05	1.078E-05	1.0626E-05	1.5176E-05	1.4379E-05	1.5821E-05	1.7732E-05
0.00035618	0.00034543	0.00053466	0.0004991	0.00055576	0.00053548	0.00055577	0.00044272
0.00102211	0.0011011	0.00116908	0.00116229	0.00111993	0.001149	0.00115001	0.00140757
0.014033	0.010879	0.01128324	0.01117843	0.01223716	0.01233542	0.01303633	0.01330991
0.00161493	0.00173974	0.0021511	0.00195868	0.00199348	0.00211415	0.00190274	0.00235391
3.8051E-05	5.488E-05	5.6099E-05	5.2251E-05	6.2154E-05	6.1529E-05	5.4477E-05	7.6556E-05
4.0884E-05	4.4044E-05	4.6763E-05	4.3048E-05	4.4797E-05	4.596E-05	4.1818E-05	5.3613E-05
0.00047381	0.00067162	0.00061291	0.00056519	0.00046518	0.00036894	0.00046237	0.0005334
0.03025653	0.02555489	0.02649558	0.02457336	0.01789009	0.01866215	0.01854795	0.01942765
0.01883185	0.01776726	0.01880183	0.01694796	0.01721528	0.01646623	0.01802653	0.02303145
0.19459419	0.1807	0.18127864	0.18478521	0.19613019	0.21639633	0.22499307	0.22771767
0.00212539	0.0023644	0.00244025	0.00248223	0.00226753	0.00248509	0.0023573	0.00293379
0.00030663	0.00033033	0.00028058	0.00023676	0.00042557	0.0004596	0.00043909	0.00048357
0.03455533	0.03521715	0.03707253	0.03872449	0.04270448	0.04311638	0.04670604	0.04542162
3.0101E-06	4.2667E-06	4.5427E-06	4.5698E-06	5.1716E-06	4.8975E-06	4.7818E-06	5.5508E-06
0.00040884	0.00044044	0.00044425	0.00040896	0.00042557	0.00020682	0.00023	0.00046057
0.00276831	0.00323345	0.00339302	0.00376601	0.00204605	0.00142143	0.00203396	0.00407472
0.11858262	0.11238199	0.1223867	0.11533798	0.13987172	0.16743075	0.17374445	0.1815986
0.00298234	0.00322752	0.00317721	0.00314305	0.0030491	0.00304807	0.00303721	0.00323433
0.0319564	0.03440762	0.03379432	0.03293379	0.03216279	0.03206891	0.03205075	0.03315252
0.00010177	9.8694E-05	0.0001604	0.00016637	0.00016673	0.00016064	0.00018526	0.00010046
0.0136117	0.01471376	0.01654548	0.01708493	0.01801949	0.01864414	0.01708926	0.01806577
0.02349132	0.02554686	0.02989761	0.03023689	0.0322334	0.03505618	0.03677898	0.0356679
0.15793142	0.14526696	0.14679394	0.15582333	0.15106283	0.15715743	0.14458639	0.17827287
0.10737809	0.11763742	0.11621795	0.13170842	0.14207763	0.15233206	0.15926101	0.17249057
0.00749544	0.00723045	0.00716304	0.00674224	0.00637682	0.00672504	0.00610417	0.00625587
0.00414879	0.0045444	0.00360008	0.00341583	0.00285014	0.00367391	0.00357469	0.00430501
0.87106649	0.88824454	0.89593959	0.89446028	0.89613296	0.9059151	0.90776998	0.92220854
0.02562001	0.01996564	0.02211578	0.01976411	0.021003	0.01837833	0.01693308	0.01796961
16.389717	15.6743163	15.5626976	15.2194735	14.9754489	15.5593282	15.455566	15.6580622
0.03289595	0.0353273	0.03493377	0.03466332	0.03381226	0.0338902	0.0338105	0.03585024
1.0153E-05	1.4392E-05	1.5323E-05	1.5414E-05	1.7444E-05	1.652E-05	1.6129E-05	1.5787E-05
0.29706806	0.29963202	0.31781782	0.31469029	0.29924776	0.29428506	0.28498567	0.27783439
6.7688E-06	9.5946E-06	1.5323E-05	1.5414E-05	1.7444E-05	1.1013E-05	1.0753E-05	7.5623E-06
0.00396747	0.01501915	0.01287316	0.01354627	0.01475669	0.01448889	0.03099928	0.03522188
0.00040707	0.00039478	0.00037426	0.00038819	0.00038903	0.00037484	0.00049402	0.00040195
0.00035618	0.00034543	0.00037426	0.00044364	0.00044461	0.00053548	0.00049402	0.00037739

0.01752941	0.02368601	0.02421895	0.0245779	0.02815834	0.0255616	0.02810516	0.03078918
0.24046349	0.24486685	0.25561978	0.26074098	0.26145739	0.27551368	0.26909504	0.27065087
0.00848303	0.01690774	0.01629123	0.01431267	0.01438256	0.01533312	0.01396839	0.01361289
0.03120137	0.03452696	0.03795417	0.0316949	0.03980271	0.039669	0.03923995	0.03875599
0.00052665	0.00055691	0.00056676	0.00056602	0.00054527	0.00058122	0.00059751	0.00065091
0.0853505	0.08839876	0.09144696	0.09449522	0.09754347	0.10059167	0.10363993	0.10668813
0.06005769	0.06197612	0.06538695	0.06508897	0.06606173	0.06689658	0.07337839	0.0678595
0.07015525	0.07183406	0.07555799	0.07626908	0.08011851	0.08101211	0.08097107	0.08556674
0.00099261	0.00095003	0.00104176	0.00106129	0.00098594	0.00092032	0.00087569	0.00084174
0.01939702	0.02155707	0.02275325	0.02587895	0.02657608	0.02790636	0.02799735	0.02938337
0.50960823	0.5172927	0.52519484	0.49310655	0.48538572	0.5083467	0.54229061	0.51840635
0.03124167	0.0311626	0.03165989	0.03213429	0.03260036	0.03341184	0.03459367	0.03518667
0.00061464	0.00070031	0.00069245	0.0006942	0.00071588	0.00085077	0.00081862	0.00083688
0.29830642	0.29168457	0.29699604	0.30728058	0.30521528	0.31838044	0.3191227	0.32002693
0.14381991	0.14372908	0.14631151	0.14514483	0.14530564	0.14552277	0.14579764	0.14869076
0.07102542	0.07076083	0.07188264	0.07303364	0.07420623	0.07613088	0.07883697	0.08007364
0.03235998	0.03381053	0.03437651	0.03342072	0.03349381	0.03069391	0.03646237	0.03769928
0.16534353	0.16808574	0.16794007	0.16916156	0.16755121	0.1702216	0.16873764	0.16876087
0.02787251	0.02820441	0.02797974	0.02774671	0.02810438	0.03233866	0.03479951	0.03666137
0.06183896	0.05845703	0.05731591	0.06344703	0.06239156	0.06134161	0.06947868	0.08890818
0.61641372	0.60321185	0.60365654	0.63340195	0.64921632	0.66527168	0.69725266	0.69754479
0.14294561	0.1433284	0.14650545	0.14697416	0.14874432	0.15033262	0.14889726	0.15129668
0.00368565	0.00388487	0.00408409	0.00428332	0.00448254	0.00468176	0.00488099	0.00508021
0.00229975	0.00277507	0.00265608	0.00308483	0.00307741	0.00314257	0.00324518	0.00342665
0.1245041	0.12743522	0.12900147	0.13003428	0.13323376	0.13495099	0.13622367	0.13979926
0.16665292	0.16458705	0.16574191	0.16694371	0.16817131	0.17103344	0.17553825	0.17672572
0.00499204	0.00512845	0.00525858	0.00532969	0.00543768	0.00557775	0.00571865	0.00586036
0.00205761	0.00205879	0.00204797	0.00208481	0.00211027	0.00214826	0.00212582	0.00215259
0.04428733	0.04791087	0.04986887	0.04823663	0.0464961	0.05034041	0.05531104	0.05159136
1.24993262	1.29976177	1.29000094	1.34136568	1.37252045	1.40345956	1.43387007	1.50909821
0.00311364	0.0032755	0.00336148	0.00333234	0.00349757	0.00354743	0.00355875	0.00360957
0.00228895	0.00249521	0.00270734	0.0027883	0.00286884	0.00302284	0.0032584	0.00331411
5.1108E-06	5.5076E-06	5.9722E-06	6.4455E-06	6.9368E-06	7.4618E-06	8.0318E-06	8.7453E-06
0.01083815	0.01022372	0.01057559	0.01093628	0.01166866	0.01337077	0.01321588	0.01342583
0.01363601	0.01400705	0.01522772	0.0156742	0.01613325	0.01613887	0.01702354	0.01743471
0.46205273	0.4612688	0.46426152	0.47968416	0.46591247	0.47339718	0.48573504	0.49451848
0.1198007	0.12426288	0.12575023	0.12416136	0.12270439	0.12465011	0.12554668	0.12536159
0.483109	0.49483612	0.50753943	0.51274354	0.51812151	0.52573257	0.53153462	0.54104088
9.24612574	9.548465	9.86227973	10.5359502	10.8693434	11.3973525	11.5763649	11.9555884
0.0786935	0.08397231	0.08958569	0.08925377	0.0885979	0.08924315	0.09674182	0.09890326
0.08558395	0.08657522	0.08749086	0.08833897	0.08749896	0.08487899	0.0873342	0.09531296
0.1243955	0.12824157	0.13620555	0.13593593	0.13986221	0.14391997	0.15742799	0.16210299
0.01242318	0.01281869	0.01253327	0.01401544	0.0152116	0.01647242	0.01700948	0.0171574
0.56385689	0.58541132	0.60741451	0.62478488	0.63712037	0.66038627	0.67290334	0.68997523
0.00155839	0.00161894	0.00167802	0.00178081	0.00179368	0.00189847	0.00185969	0.00196649
0.0025148	0.00292162	0.00301035	0.00293757	0.00291106	0.00315502	0.00317726	0.00333899
0.04593407	0.04817647	0.04814174	0.04807274	0.05182867	0.05397391	0.0566328	0.05777773
0.12082038	0.12925542	0.13331621	0.13297007	0.13414596	0.13691228	0.14133839	0.13823619



0.00904465	0.0091558	0.00931455	0.00950398	0.01016185	0.01026812	0.01070863	0.0109176
0.19582091	0.19603433	0.19810189	0.19651031	0.19822469	0.20160887	0.20327082	0.20152304
1.27266517	1.29625819	1.28153847	1.2917046	1.31467731	1.3263009	1.3397867	1.34273501
0.00221333	0.00252212	0.0027465	0.00282075	0.00282285	0.00271869	0.00278244	0.00296846
0.00068724	0.00072639	0.0007393	0.00073886	0.00071244	0.0007589	0.00078009	0.00084898
0.10040261	0.10297271	0.10381841	0.1028831	0.10192972	0.10272347	0.10963925	0.11309767
0.04372626	0.04760553	0.04592532	0.04707425	0.04923648	0.05040598	0.05469642	0.05264035
0.19845045	0.21779638	0.22184576	0.23272543	0.24750487	0.24827444	0.27096489	0.28671873
0.06527093	0.06847933	0.06770061	0.06959983	0.06720927	0.07347027	0.07392274	0.07586283
0.57631372	0.60516951	0.63540092	0.66716988	0.70035095	0.71818066	0.74479423	0.76319051
0.01460937	0.01603336	0.01534512	0.015424	0.01634153	0.01413823	0.01420725	0.0152198
0.00245023	0.00248534	0.00252044	0.00255554	0.00259065	0.00262575	0.00266085	0.00269596
1.00314925	1.03625322	1.0257558	1.05310514	1.06070357	1.08103294	1.08173016	1.08795168
0.02513639	0.0247951	0.02493055	0.02506785	0.02522171	0.02564528	0.02634975	0.02662457
0.27984918	0.30581887	0.2933196	0.29705893	0.31800086	0.2779367	0.28155929	0.30306599
0.08875324	0.08881816	0.08814842	0.09072199	0.08611869	0.08953272	0.08807477	0.08901598
0.00625755	0.00671863	0.00699363	0.00729072	0.00724227	0.007398	0.00739321	0.00795065
1.23329583	1.24589196	1.24989974	1.25421655	1.2678198	1.2725404	1.30461031	1.30022586
0.00019612	0.00019633	0.0001947	0.00019326	0.00019157	0.00019006	0.00018871	0.00018774
0.00828144	0.00853609	0.00892616	0.00946358	0.00949529	0.01048729	0.01111224	0.01103739
0.92110718	0.89300496	0.89321231	0.89375434	0.89461327	0.91447546	0.94400101	0.94542652
0.04297999	0.04245428	0.0427763	0.0431103	0.04346228	0.04427107	0.04554717	0.04600998
0.07125002	0.06955495	0.06990338	0.0686259	0.07310879	0.0858033	0.08875523	0.09160551
5.8654E-05	5.8073E-05	5.7266E-05	5.6676E-05	5.5866E-05	5.4844E-05	5.3829E-05	5.2616E-05
0.04083386	0.04367041	0.04384043	0.04393395	0.04210903	0.04594589	0.04510144	0.04523746
7.6826E-06	7.814E-06	7.952E-06	8.1204E-06	8.3129E-06	8.5189E-06	8.73E-06	8.9242E-06
0.00461563	0.00432408	0.00515456	0.00532626	0.00587444	0.00582788	0.00682979	0.00736369
0.00553658	0.00531186	0.00676008	0.00692389	0.00647005	0.00691319	0.00722489	0.00723669
0.00143345	0.00148508	0.0015367	0.00158833	0.00163996	0.00169159	0.00174321	0.00179484
0.16972062	0.16517238	0.17148527	0.17755136	0.17848564	0.18422995	0.18168279	0.17572537
0.00095534	0.00095431	0.0009422	0.00091822	0.00092644	0.00096593	0.00106728	0.00113788
0.00090631	0.00092071	0.00093531	0.00095011	0.00096508	0.00098023	0.00099513	0.00100979
0.0649827	0.06658791	0.07569342	0.07378635	0.07303673	0.06950782	0.07803621	0.08269237
0.00227827	0.00228939	0.00230081	0.00231251	0.00232455	0.00233724	0.00235013	0.00236378
0.00854182	0.00872081	0.00887855	0.00775115	0.00773395	0.00756472	0.00766557	0.00775438
0.10546837	0.10497736	0.10458792	0.10434149	0.10429557	0.10438742	0.10451824	0.10460489
0.03252618	0.03426842	0.03607329	0.03537555	0.03722593	0.03846166	0.0404366	0.04030383
0.05008347	0.05033698	0.05012041	0.04943475	0.05056473	0.0502875	0.04950449	0.05051568
0.04331216	0.04428039	0.04625719	0.04635133	0.04845992	0.04962448	0.05082939	0.05208002
0.1709148	0.17286583	0.17282404	0.17428813	0.17555451	0.17496276	0.18461459	0.18385412
0.95633731	0.99899842	1.06475844	1.06563137	1.13384602	1.20376961	1.22796686	1.3001199
6.10765705	5.77755024	6.4978952	6.52093439	7.03712497	7.31937413	7.09329615	7.64362488
0.06403478	0.06643191	0.06655638	0.06604029	0.06599257	0.0669609	0.06776883	0.06956295
0.44843251	0.47907008	0.51990604	0.54271049	0.58188347	0.57531168	0.59029308	0.62095257
0.10978639	0.11465036	0.11951431	0.12437827	0.12924222	0.13410611	0.13897018	0.14383412
0.0058294	0.00610518	0.00646655	0.00605949	0.00611791	0.00597731	0.0061949	0.00653732
0.23718682	0.23691227	0.24465706	0.25334703	0.25910376	0.26183081	0.26658241	0.269993
1.0665582	1.07831522	1.05174352	1.03367952	1.03367958	1.0520984	1.07052307	1.07958895
0.02616599	0.02650836	0.02731843	0.02734761	0.02694591	0.02907258	0.02767141	0.02923698
0.02349423	0.02500426	0.02670194	0.02859718	0.03064927	0.03234616	0.03494892	0.03475109

0.27648332	2.26849667	2.2799485	2.31099703	2.34138659	2.37090202	2.39943924	2.42702456
0.22652902	0.2245476	0.22701947	0.22955019	0.23212015	0.23708351	0.24449911	0.24742219
0.16813076	0.16643614	0.16723494	0.17669004	0.18354328	0.18424326	0.20110104	0.20858056
0.04827574	0.04827379	0.04924293	0.05024709	0.05128044	0.05285285	0.05498184	0.05611249
0.04162294	0.0395962	0.04498688	0.0490798	0.05270827	0.0540973	0.04993454	0.05622109
0.0005894	0.00065277	0.0006109	0.00061715	0.00064434	0.00066219	0.00068081	0.00068899
0.00042137	0.0004399	0.00043756	0.00042834	0.0004261	0.00043741	0.00044842	0.00044554
0.67354932	0.66619415	0.68585981	0.68485823	0.69051393	0.72442431	0.7145746	0.74071023
0.01915878	0.0206972	0.02171408	0.02288938	0.02331912	0.02490331	0.02561582	0.0271644
0.02703948	0.02800005	0.02800898	0.0286744	0.02943126	0.02964537	0.03045999	0.03192159
0.03933056	0.0423498	0.04315386	0.04508246	0.04561253	0.04454445	0.04424185	0.04413012
0.01492636	0.01542471	0.01597945	0.01691084	0.01714427	0.01725417	0.01719385	0.0177061
0.0331744	0.03590951	0.03845683	0.03942636	0.04034283	0.04064083	0.04070411	0.04155322
0.00122302	0.00116181	0.00125846	0.00125525	0.00133384	0.0014573	0.00147957	0.00161137
0.11271045	0.11204704	0.11376942	0.12049275	0.1223067	0.12675647	0.12612579	0.12816795
0.0146488	0.01438717	0.01499894	0.01564254	0.01723407	0.01647893	0.01709924	0.01669321
0.05390879	0.05321854	0.0535746	0.0539404	0.05433315	0.05529952	0.05686059	0.05741698
0.00652448	0.0066213	0.00662201	0.00667701	0.00662812	0.00673944	0.00669391	0.00670403
0.0599603	0.05908305	0.0591349	0.05917621	0.05924562	0.05983651	0.06098881	0.06142778
3.1602E-05	3.1857E-05	3.2622E-05	3.3641E-05	3.517E-05	3.6699E-05	3.8229E-05	4.0013E-05
0.22270422	0.22524109	0.23437215	0.24724613	0.25043438	0.26391374	0.27403255	0.29512294
0.04653102	0.04604685	0.04649322	0.04696688	0.04745694	0.04840967	0.04982227	0.05027513
0.0844972	0.08688619	0.08936951	0.09194651	0.09460922	0.09389035	0.09660762	0.10123006
0.00222506	0.00236376	0.00263734	0.00269001	0.00305736	0.00341059	0.00360012	0.00352703
0.83814947	0.9724715	1.05397275	1.03116271	1.04211445	1.00306508	1.06249046	1.0721462
0.06413659	0.06527487	0.06592962	0.06622714	0.06728278	0.0676613	0.06783902	0.06888955
0.06373779	0.06045252	0.06069782	0.06849682	0.06763989	0.0719766	0.08052519	0.08526852
0.00595797	0.00628036	0.0060323	0.00582694	0.00593326	0.00587546	0.00619569	0.0058536
0.22411489	0.23287128	0.24575215	0.2589936	0.27254102	0.29059411	0.2962225	0.31057233
0.02094101	0.02073858	0.02103676	0.02105007	0.02219038	0.02223753	0.02200397	0.02363631
0.05881307	0.06222227	0.06172483	0.06111434	0.06236547	0.06757599	0.07466823	0.06636757
0.01722623	0.01790722	0.01887189	0.01960264	0.02172878	0.02112156	0.02248155	0.02240878
0.00022014	0.00022526	0.00022872	0.00023284	0.00023751	0.00024252	0.00024768	0.00025197
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0.00977114	0.01018277	0.01059415	0.01100603	0.01141792	0.01183006	0.01224245	0.0126551
0.67428514	0.68044671	0.65672143	0.60826917	0.62610077	0.61904138	0.6423485	0.67153708
0.02200989	0.02327464	0.02368641	0.02365532	0.02278807	0.02429063	0.02497133	0.02720333
0.1921048	0.18683379	0.19739784	0.1840184	0.18937345	0.19482365	0.20314948	0.21160528
0.15083473	0.15585183	0.15726063	0.16005511	0.16597713	0.16834299	0.17903745	0.18612679
0.03932837	0.04004003	0.04126031	0.04248058	0.04372248	0.04441547	0.0445271	0.04400059
0.00232857	0.00232329	0.00236615	0.00246293	0.0025618	0.00263322	0.00273309	0.00292323
0.0034174	0.00360725	0.00380079	0.00399754	0.00419645	0.0043951	0.00459229	0.00478911
0.0032428	0.00342455	0.00351483	0.00355324	0.00349098	0.00372215	0.00385314	0.00417327
0.42658855	0.42755756	0.42810073	0.40264386	0.40265145	0.4138202	0.42156568	0.40720896
2.19761997	2.16948859	2.18298773	2.19648982	2.20999511	2.24590098	2.30502304	2.32245462
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0.10759495	0.12186627	0.12611167	0.13737021	0.151294	0.15252161	0.16343512	0.16173496
0.1470367	0.14829669	0.1480451	0.1462607	0.15006418	0.14956736	0.14759274	0.1513708
0.18488889	0.1941243	0.20715981	0.20753811	0.22136682	0.20327185	0.23095613	0.23666481
0.07444133	0.0756959	0.08164678	0.08225738	0.08193118	0.08558481	0.0956335	0.09765129
0.02223591	0.02293281	0.02365008	0.02438574	0.02513297	0.02588212	0.02662709	0.02736428
0.00203862	0.00211003	0.00206775	0.00222213	0.002217	0.00246697	0.00255016	0.00272616
0.02287064	0.02229817	0.02271606	0.02365816	0.02196756	0.02079774	0.02411287	0.02306886
0.0408764	0.04227076	0.04275772	0.04157956	0.04107275	0.04364475	0.04400216	0.04367555
0.02901421	0.03005044	0.03108666	0.03212288	0.0331591	0.03419532	0.03523154	0.03626777
2.7175E-06	2.6803E-06	2.643E-06	2.6058E-06	2.5685E-06	2.7422E-06	2.7019E-06	2.6615E-06
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0.13371182	0.13255749	0.1327818	0.13158923	0.1318443	0.13284553	0.13314004	0.13201473
0.03265334	0.03280936	0.03269476	0.03225423	0.03293374	0.03274402	0.03226101	0.032949
0.14315836	0.14635179	0.14357157	0.1436313	0.14221015	0.14527657	0.14409259	0.14454555
0.00619401	0.00628012	0.00667684	0.00664926	0.00684385	0.00694609	0.00695181	0.00734853
0.00032255	0.00031234	0.00034652	0.00032005	0.00029778	0.00031635	0.00032478	0.00034391
0.10356064	0.11023512	0.12323701	0.12800821	0.1313979	0.13316106	0.13817247	0.14149116
0.03742779	0.03671989	0.03752352	0.03758901	0.03767971	0.03451811	0.0413527	0.0416676
0.0190896	0.02052127	0.0221043	0.02204585	0.02198478	0.02382051	0.026743	0.0245976
0.40883255	0.43452118	0.45175996	0.44302871	0.47735733	0.48564242	0.48483638	0.48371554
0.03544116	0.03573564	0.03674691	0.03779215	0.03888593	0.04044085	0.0425006	0.04386783
0.03592303	0.036108	0.03699547	0.03789789	0.03882086	0.04016234	0.04195784	0.04300226
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0.08116993	0.0866537	0.08558101	0.08551608	0.09128043	0.09725375	0.10343073	0.10725655
0.73460092	0.75138074	0.76891833	0.77909729	0.81416683	0.82427212	0.90288763	0.92108248
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0.17264956	0.17838156	0.18096201	0.18709327	0.19345383	0.20755594	0.21844863	0.21363571
0.09968955	0.09315615	0.09609138	0.10324449	0.11507426	0.11450739	0.10940558	0.11107496
0.78349685	0.77128368	0.77371586	0.77605816	0.77844452	0.78845576	0.80624529	0.80938592
0.04187288	0.04265347	0.04193741	0.04020816	0.0399645	0.04021964	0.04047768	0.04022083
4.67691171	4.62794335	4.75682532	4.7534644	4.84147056	4.9306944	5.16021665	5.15839916
0.21050379	0.21187189	0.21750765	0.22332719	0.22926924	0.23762078	0.24850433	0.25479351
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0.17150456	0.19031932	0.19603969	0.19314075	0.19261725	0.20673544	0.20315036	0.18669398

0.37896038	0.38677067	0.41211241	0.4211054	0.43940719	0.45847284	0.4596134	0.47976882
0.0013126	0.00125099	0.00122315	0.0012531	0.00132473	0.00139875	0.00143184	0.00142085
0.0015239	0.0015303	0.00161263	0.00166809	0.0015933	0.00170094	0.00183655	0.00173891
0.08169581	0.08189154	0.08649782	0.08992974	0.0903775	0.09399174	0.09769446	0.10320699
0.34706026	0.35583214	0.36011427	0.37994183	0.37942279	0.38902514	0.39826417	0.39001133
0.06068194	0.06059337	0.06045918	0.06026326	0.06114624	0.06321013	0.06286928	0.06497342
0.07026322	0.0752121	0.07306122	0.07728842	0.07499365	0.07662229	0.07671798	0.07815635

18.352018	17.8926831	18.317253	18.0098262	18.6490548	17.8037041	18.2524918	18.2773087
935.828385	882.379375	836.319594	806.989911	784.33061	797.262542	840.785853	856.079041
244.307845	250.82665	232.659638	221.331348	228.781484	227.400463	220.593194	215.740035
949.666775	905.416491	843.250917	793.658269	788.619959	796.446995	781.925189	752.841969
1284.19245	1311.30145	1278.23096	1282.66683	1277.36676	1277.55184	1275.78825	1277.86949
295.603675	280.108591	270.003254	258.064346	256.296137	258.860312	247.776988	248.395016
513.489364	511.954943	502.33987	503.172091	508.294078	519.839463	524.33711	547.613827
4.77780632	4.87938024	4.9429249	5.00718682	5.07146975	5.1348298	5.19645916	5.24761754
334.933234	337.081358	335.033997	338.224724	336.597396	343.10057	342.391303	341.004877
25.7571848	24.9358287	25.0384098	25.3720999	25.0348895	24.0098981	25.6885569	25.8024477
234.615544	225.636668	206.777531	217.933393	211.289566	205.64621	203.958959	198.508278
1.25243968	1.23446661	1.18026955	1.14697088	1.15719011	1.27681383	1.28613822	1.24457707
0.56814673	0.59814277	0.59004058	0.59237606	0.58569734	0.62923195	0.64543095	0.62527726
1.13757133	0.9708953	0.93217459	0.81757213	0.76063476	0.83937991	0.8031604	0.80110499
4.94107996	4.93839201	4.84331652	4.85768952	4.85821781	4.9241925	4.86947716	5.0509143
200.519179	201.095005	201.039222	200.639786	201.157342	201.350594	200.808046	200.687255
41.3777614	44.1135836	44.5729014	43.8580801	44.630848	48.5351878	48.0273188	48.5938825
175.869722	177.403226	176.088039	178.960397	179.176965	183.268378	183.683242	184.863447
7.65575313	7.93487564	7.61836987	7.52395558	7.4698882	7.39854498	7.58539711	7.69952034
0.26360498	0.25416391	0.2303561	0.20773577	0.19927681	0.1943294	0.19679144	0.20385267
2.06731508	2.00909869	1.90789009	1.84154541	1.86250608	2.0207376	2.03791452	1.96209343
6.01139954	6.28028881	6.27716561	6.81535064	6.87846171	7.04468832	7.01933709	6.97201475
142.946091	138.21975	133.519221	127.710777	133.780004	131.775594	121.888726	117.526534
6.09549981	5.99755048	5.8885813	5.85847653	5.86528496	5.9666032	6.009312	6.19830892
7.8341966	7.93523673	7.87603687	7.84272459	7.90475544	7.99846872	8.12268164	8.15734552

73.343596	76.9506003	77.6576906	78.9498237	83.3007422	86.8053418	87.9140366	91.1174457
3407.11717	3256.25849	3195.17727	3179.49877	3189.44657	3302.30119	3380.06902	3410.40593
1701.24437	1641.41645	1502.07655	1518.36057	1509.83386	1531.24194	1561.81451	1576.4043
4286.30151	4180.16189	4038.50638	3864.09919	3780.95588	3905.56986	3820.01105	3793.31379
5668.70757	5814.25626	5815.49825	5814.54587	5975.71839	6181.34322	6334.44298	6497.40566
1129.73052	1091.67109	1078.37003	1037.51656	1064.90816	1124.11784	1133.82431	1165.83934
3756.25422	3712.44947	3694.94568	3662.37805	3696.31388	3801.17876	3878.39767	4020.83009
9.15753291	9.33946686	9.48756423	9.63657108	9.78558239	9.93348334	10.0791634	10.2141692
3818.64556	3859.71526	3867.9904	3864.26789	3873.9931	3897.53657	3888.63541	3911.92088
277.309863	275.776676	280.109354	284.049716	287.82515	292.956191	298.949832	302.420922
2185.53188	2080.05495	1911.26749	1917.58451	1901.72696	1958.63283	2000.56773	2054.39093
10.1570503	10.272549	10.2337189	10.2594141	10.5320005	11.4384522	11.2797161	11.4786963
2.28532383	2.32944402	2.34122031	2.39370044	2.45397109	2.59214566	2.65380609	2.74273504
4.58071243	4.03832192	4.08463578	3.59448736	3.25013012	3.66051069	3.61533412	3.78810055
28.2193509	27.9671103	28.0176103	28.1044229	28.4335412	28.8050997	29.0199055	30.2909078
1048.61665	1065.10453	1076.53204	1089.50228	1104.36683	1118.24504	1130.58711	1145.57188

243.136234	246.68469	245.55875	242.134782	258.194755	284.7224	290.223701	291.579386
1081.24057	1105.06281	1112.37902	1149.62981	1181.10788	1213.64406	1209.73749	1235.89133
58.7915424	58.8294954	58.5223584	60.5870469	61.790326	62.8793521	63.6908888	64.5048649
3.87465811	3.72250999	3.33689389	3.34458452	3.33878614	3.34942527	3.493474	3.4940501
14.5014723	14.4119718	14.3426877	14.3192555	14.4945183	15.3748299	15.0545005	15.1990895
20.7188108	21.530426	21.7487556	22.4497661	23.2306464	23.9595051	24.8674753	25.3671522
456.938063	438.022031	418.668602	397.591538	414.914508	406.874731	385.967633	375.699019
45.7947474	45.3230555	45.524462	44.6216702	44.809516	46.218483	46.8140982	48.5350742
52.9076926	53.4788905	55.2128475	56.3273949	57.8578349	59.4078664	60.5618312	62.1929536

1987	1988	1989	1990	1991	1992	1993	1994
0.08868094	0.07956665	0.07977618	0.06940475	0.06846189	0.06254285	0.06285713	
0.16059999	0.16908571	0.19297142	0.16531427	0.03504285	0.02325714	0.02734285	0.03153333
0.16070474	0.17448093	0.17008093	0.17505712	0.16678093	0.25719045	0.28191425	0.46865232
0.08931171	0.0829323	0.06760046	0.06344168	0.0592829	0.05512412	0.05096533	0.04680655
0.44298567	0.46037614	0.53381423	0.54675232	0.58137613	0.59305709	0.65083327	0.70258564
0.0088	0.01000476	0.00874762	0.01272857	0.011	0.011	0.01309524	0.01571428
0.06698378	0.06219923	0.05070034	0.04758126	0.04446217	0.04134309	0.038224	0.03510492
0.02514286	0.02252381	0.01780952	0.01833333	0.02619048	0.01990476	0.01990476	0.01990476
0.75145701	0.83961414	0.99267125	0.96014268	1.11477123	1.12629503	1.1654236	1.2676712
0.74108569	0.8551714	0.7484714	0.70242855	0.57435712	0.50977141	0.49609999	0.61725714
2.37332844	2.04332845	1.90252845	2.04118084	2.19345227	2.17899512	2.66671412	3.011276
1.55042368	1.55634272	1.52622367	1.42696178	1.5310951	1.564357	1.72747127	1.64947603
0.0506	0.05138571	0.05803809	0.04824285	0.03457143	0.03719047	0.03719047	0.055
0.16374283	0.18008569	0.19642854	0.2369714	0.21250949	0.23623806	0.2713333	0.27238092
14.4163885	16.3946072	16.5916643	17.7969499	18.2139023	19.0504259	15.809093	17.8812834
0.00345714	0.00974286	0.01052857	0.01587143	0.022	0.02357142	0.02828571	0.03771428
0.02467143	0.03142857	0.02702857	0.0242	0.01728571	0.00754286	0.01712857	0.022
0.32078091	0.34938091	0.37028091	0.45026661	0.42239994	0.36865709	0.35718567	0.37829519
0.05987142	0.08579999	0.09507142	0.06568571	0.06835714	0.07385713	0.06599999	0.10057142
0.84731425	0.79922853	0.98119995	0.86585711	0.76999998	0.69692856	0.36771428	0.25457142
0.01712857	0.01587143	0.01602857	0.01587143	0.01571429	0.0198	0.01665714	0.01618571
0.81385808	1.02222214	1.13134636	0.96188754	0.52133818	0.5032567	0.49723935	0.13514285
1.56372847	1.59735705	1.67514277	0.45052852	0.51280948	0.44838091	0.41014282	0.55052376
0.01414286	0.01445714	0.02430476	0.02713333	0.02383333	0.02514285	0.02985714	0.03247619
0.1311619	0.09727143	0.14184761	0.13011428	0.16395237	0.12990476	0.11859047	0.13179047
0.21591429	0.1254	0.10151429	0.13828571	0.08485714	0.08957143	0.16185714	0.11502857
0.04174761	0.05400475	0.07322856	0.06254285	0.07176189	0.09067142	0.08799999	0.08747618
1.91557131	1.98895703	1.96601417	1.92861419	2.03342847	1.86371419	2.09314275	1.8681142
1.77597612	1.7221285	1.62789516	1.50071422	1.43068088	1.12357138	1.28176185	1.32471424
0.12373393	0.1148958	0.0936548	0.08789316	0.08213151	0.07636987	0.08045714	0.06851428
0.04033333	0.03928571	0.04714286	0.04677619	0.0497619	0.05919047	0.05578571	0.0781
0.02734285	0.03708571	0.03849999	0.01508571	0.02655714	0.00157143		
4.11179993	4.06481421	3.98875707	4.00509993	4.00399992	2.50485707	2.71071421	3.53162851
2.47342854	2.38857139	2.56142853	2.49857139	2.31157138	2.03028569	2.00828569	1.95747616
0.58535714	0.62495714	0.62024285	0.62165714	0.60751428	0.59242857	0.47142857	0.54685714
0.18637142	0.12587142	0.20004284	0.21057142	0.23759998	0.23885713	0.19642855	0.29857141
0.07335859	0.05397828	0.09055521	0.07349508	0.04776839	0.09075994	0.07233499	0.08171428
0.97931424	1.02692852	0.88377138	0.68262854	0.52548569	0.25457142	0.57577142	0.59242856
2.8537139	3.07497101	2.89032819	3.12431386	3.03851388	3.27014241	3.08125674	3.19942814
8.79072723	11.0555745	11.2682936	11.8430697	12.4566601	13.0413361	13.5067408	14.440693
0.13671426	0.09899998	0.10842855	0.11157141	0.1162857	0.10999998	0.14771426	0.10214284
0.92803324	0.92735229	1.3484951	1.06851896	1.21261893	1.52679983	1.0358856	1.13535703
0.1500714	0.16594283	0.12115712	0.10842855	0.11157141	0.10371427	0.36876185	0.3939047
0.00502857	0.00754286	0.0044	0.00408571	0.00377143	0.00597143	0.0066	0.01005714
0.07432857	0.07134285	0.07574285	0.06882857	0.05185714	0.05814286	0.044	0.07071428
1.28872845	1.08690466	0.97428562	0.98947609	1.20214275	1.12042847	1.21104751	1.22938086
0.01681428	0.02634762	0.02330952	0.01754762	0.02660952	0.02933333	0.01246667	0.00419048

1.35299997	1.36871425	1.35928568	1.27599997	1.1785714	1.1455714	1.17888568	1.26358568
0.11536096	0.10712089	0.08731726	0.0819455	0.07657374	0.07120198	0.06583022	
0.05096666	0.07820476	0.06521428	0.0638	0.05908571	0.0429	0.04530952	0.04242857
0.25398018	0.23583874	0.19223881	0.18041227	0.16858574	0.15675921	0.14493267	0.13310614
0.38924279	0.39977136	0.42664279	0.42774279	0.37462851	0.37698565	0.35199994	0.35671423
0.00047143	0.00125714	0.00078571			0.00125714	0.00157143	0.00157143
				0.00859048	0.01026667	0.03100952	0.022
0.09947143	0.0717619	0.07679047	0.08485714	0.06023809	0.05039048	0.06793809	0.0418
0.24828569	0.26981426	0.25252855	0.23199522	0.24828569	0.27122855	0.29699997	0.2963714
0.09303303	0.08638782	0.07041715	0.06608508	0.06175302	0.05742095	0.05308889	0.04875683
0.23854284	0.3109857	0.29039999	0.32575713	0.27939999	0.25755713	0.33439998	0.28903808
3.16836649	2.95868556	2.97109985	2.90745697	2.1949713	2.71961889	2.70495223	2.83805223
0.01711701	0.01259493	0.02112955	0.01714885	0.01114596	0.02688684	0.02258769	0.06002857
0.1445714	0.10497141	0.10072855	0.09082855	0.09381427	0.0854857	0.0942857	0.17379997
0.01571429	0.01131429	0.01571429	0.01257143	0.00942857	0.00942857		
0.3995095	0.4706952	0.63936186	0.89969521	0.91462379	0.73752377	0.71971424	0.79671426
0.05295713	0.10371427	0.10465712	0.08407141	0.06505713	0.07322856	0.07322856	0.07857141
0.05829999	0.10036189	0.02980476	0.04777142	0.03834285	0.04022856	0.03299999	0.01849047
0.01435238	0.01152381	0.01152381	0.01152381	0.022	0.022	0.01990476	0.0387619
0.00424286	0.0033	0.0022	0.0022				0.00314286
0.05809047	0.0511238	0.06002856	0.06809523	0.07427618	0.10339999	0.0920857	0.11225236
0.09302856	0.04850476	0.0528	0.12707619	0.17495237	0.2559857	0.27609999	0.31528094
1.85858068	1.91206162	2.15982348	2.18156157	2.20219966	2.46447105	2.54346151	2.64277578
0.32842854	0.31480949	0.22885236	0.15756188	0.12351427	0.12173332	0.19742379	0.22508093
0.71819516	0.69174278	0.70824278	0.7334904	0.68089995	0.7362666	0.77811897	0.71840469
3.29764276	3.68761893	3.47861893	1.67734282	1.41470472	1.68352377	1.76995234	1.83280947
1.272857	1.34199985	1.35771414	1.37562842	1.38128556	1.37107128	1.34514271	0.65999994
0.12754762	0.12094762	0.12110476	0.13388571	0.12047618	0.10423809	0.10580952	0.09009523
0.00078571	0.00094286	0.00172857	0.00157143	0.00235714	0.00235714	0.00314286	0.00942857
1.31999997	1.31999997	1.23042852	1.35928567	0.50285713	0.50914284	0.60028569	0.35325713
7.53983136	7.12979242	5.8819451	5.46019882	5.03845254			
0.310619	0.29699995	0.35409518	0.3939047	0.40857137	0.41485708	0.36457137	0.25561901
0.07132086	0.05247888	0.08803979	0.07145355	0.04644149	0.08823883	0.07032568	0.05499999
0.05939999	0.12288569	0.07369999	0.1041857	0.06191427	0.06992856	0.0689857	0.06191427
0.0057619	0.00811905	0.00754286	0.00722857	0.01204762	0.011	0.01257143	0.00455714
0.23681428	0.23665714	0.22424286	0.19003809	0.21622857	0.20617143	0.19380952	0.19380952
0.23208474	0.40683496	0.4430155	0.38608386	0.0938237	0.07576232	0.06994159	0.08255238
0.00713209	0.00524789	0.00880398	0.00714535	0.00464415	0.00940007	0.0198659	0.00895714
0.0253	0.02608571	0.02042857	0.03551429	0.06442857	0.11628571	0.14457143	0.11366667
0.24875711	0.21224759	0.19972854	0.25771424	0.16028569	0.2853714	0.26871424	0.39128568
0.61851424	0.65842853	0.70085709	0.80299995	0.90608566	0.9480428	1.16285707	1.17123801
0.205603	0.19091707	0.15562189	0.14604803	0.13647417	0.12690031	0.11732645	0.10775259
0.53028829	0.49241055	0.40137773	0.37668497	0.3519922			
0.00251429	0.00047143	0.00078571	0.00864286	0.00864286	0.01005714	0.00392857	0.00314286
0.15735238	0.13985714	0.1482381	0.11230476	0.15567619	0.16227619	0.1518	0.13577143
1.22555707	1.10141421	1.2018285	1.29029992	1.41994278	1.46823801	1.49437608	1.02106182
0.73527139	0.75742853	0.73904282	0.74328567	0.77188567	0.65999995	0.6953571	0.71877138

0.0583	0.05201428	0.05012857	0.06537142	0.06442857	0.05138571	0.06552857	0.06757143
3.28687763	3.06517053	2.50565104	2.34541295	2.18517487			
0.02739524	0.05630952	0.04551904	0.05180476	0.05295714	0.05803809	0.05814285	0.04242857
4.13835675	4.27004245	4.53168527	4.3224234	4.46516148	4.77248049	4.92768524	4.89903285
3.39042468	3.23519179	2.68461827	2.47894741	2.27327656			
0.33853806	0.33529043	0.29663329	0.27788091	0.28008091	0.23257139	0.22314283	0.22419045
0.67136659	0.85318085	0.84218085	0.90807609	1.04903318	0.95731416	0.94118081	1.47242836
0.19951904	0.18417142	0.17196666	0.15688094	0.17950951	0.18411903	0.19040475	0.18699998
0.07102856	0.06584285	0.06851428	0.04604285	0.04902856	0.07951428	0.10418571	0.04960476
0.16107143	0.19391429	0.19642857	0.20805714	0.20868571	0.14677143	0.22251429	0.20554286
0.02580376	0.03070388	0.04298521	0.02019558	0.02606562	0.02501537	0.02397495	0.0259177
0.83961268	0.8864903	0.99933566	0.37903346	0.36055355	0.23950898	0.23562273	0.23015343
0.62679119	0.75213076	0.72652721	0.66327034	0.69130428	0.61829301	0.51476819	0.63206454
1.5783E-05	1.1995E-05	1.3154E-05	2.0858E-05	1.4228E-05	2.1846E-05	2.7128E-05	2.68E-05
2.20466026	2.33115914	1.53416053	2.09206679	1.32094196	0.57062563	0.39337681	0.33007224
0.20789279	0.16114788	0.17938496	0.21303864	0.21303864	0.22878497	0.25597558	0.265588
0.16117002	0.31935541	0.31040152	0.30443226	0.28652448	0.2686167	0.25966281	0.28652448
21.2661614	22.4898911	21.1866211	22.0305923	22.1992519	22.1519911	24.5579341	25.3257699
6.57683707	6.77201894	6.8586657	6.97567785	6.00199872	2.58353153	0.9170813	1.05987244
0.02932918	0.03393842	0.03520653	0.01644344	0.01892172	0.0165054	0.01536917	0.01592875
11.2083893	10.9715531	11.3863902	12.018336	12.0969539	12.476063	12.9522629	12.8248751
16.6186775	14.4889883	13.5247523	13.127661	14.4802762	13.7685508	13.4351204	12.4136902
8.25002769	8.53182068	8.68054337	9.19858842	7.80446127	6.29764819	4.13622266	6.24344237
0.0371009	0.05001248	0.06388063	0.03227578	0.04562246	0.03562628	0.03878801	0.04172938
30.1392736	27.6600316	25.8369458	26.4998042	29.5332056	29.9533544	29.4035458	29.354263
0.03464143	0.03779052	0.03464143	0.03464143	0.02519388	0.03779052	0.03149235	0.03779052
0.12070269	0.11009687	0.10844287	0.05253297	0.07397539	0.06310038	0.06505443	0.07376874
2.50364486	2.46850519	3.04754271	2.9961972	2.80906288	2.94274259	3.07338682	3.26707913
24.4230747	14.6446256	14.542725	7.64794308	5.54279737	5.35178761	5.91852596	5.40462927
0.10394639	0.1099157	0.1160493	0.12566173	0.13792924	0.15036158	0.1472125	0.15649549
0.17694004	0.19370921	0.22974509	0.1090385	0.11281942	0.084214	0.08271336	0.08726723
2.17345296	1.7327724	1.73217192	5.14450906	5.10984362	4.3022378	3.79508734	0.75943264
19.8601047	20.141556	20.1520731	17.7583865	17.0721824	15.3675354	14.1059343	10.8238847
0.0161105	0.01349456	0.02066969	0.01252293	0.01647642	0.01187811	0.0110621	0.01020515
0.04982884	0.06273726	0.07898811	0.02537931	0.02623707	0.01794268	0.01914432	0.01803855
0.7187154	0.66666007	0.67937558	0.63773707	0.6649208	0.71331985	0.66611532	0.72198128
24.4107291	26.4013141	27.2407004	27.5393849	27.2559008	28.5342664	29.7427339	31.4811375
0.09997819	0.1097187	0.12898429	0.0576309	0.06373234	0.05785604	0.05506086	0.0517329
0.03642788	0.04262092	0.04262092	0.0457703	0.04560571	0.05179875	0.05799179	0.06412596
0.01118178	0.01151427	0.01286528	0.01333439	0.01336359	0.00941238	0.01003101	0.01302562
0.07580906	0.08515119	0.12710391	0.13547034	0.13547034	0.15346177	0.17396889	0.17494144
0.05361717	0.04579772	0.05065676	0.02616716	0.03422326	0.02754739	0.02948987	0.03211635
73.3234266	77.8735472	83.4270064	70.1577225	69.7104323	72.2106082	75.6966942	76.9954537
19.1104149	19.1093345	18.6059379	17.226233	18.5196109	18.5453558	18.004304	16.7219962
2.41096959	2.63282832	2.82039083	3.35770579	3.78371313	4.28244443	4.36833035	4.5912487
477.473335	510.664279	505.862509	524.135884	527.104154	499.116847	515.839034	496.95044
0.54643857	0.62501784	0.59649687	0.53024481	0.56109198	0.53322932	0.52067839	0.51708156
0.39019626	0.41522527	0.67329647	0.68556425	0.67992437	0.53456644	0.55362615	0.62008936
1.78001534	1.92966295	1.82068596	1.46091165	1.08349703	0.91852441	0.87689441	0.71963846
0.07790754	0.07790754	0.07492301	0.07492301	0.08122148	0.08122148	0.0780721	0.06596892
0.0080676	0.00888823	0.01042326	0.0042829	0.00293249	0.00471614	0.00468582	0.004728



4.90920526	4.57859361	5.31161724	5.14731983	5.1388305	5.1232282	5.65599348	7.62143503
0.01220787	0.01041599	0.01153383	0.00659614	0.00784519	0.00668833	0.0063992	0.00661591
0.01230685	0.01421361	0.01898574	0.00911404	0.01124767	0.0112391	0.01074904	0.01308563
0.06714307	0.06382938	0.12988708	0.14897364	0.20647376	0.24008658	0.27355541	0.30120866
5.2963245	6.01552919	6.32351267	5.42258873	4.42452554	3.49673479	2.76279762	2.8343936
0.01895786	0.02314638	0.0240128	0.01157772	0.01311421	0.01162021	0.01028856	0.01152093
0.16134481	0.1644367	0.16153408	0.18403735	0.18403735	0.2176916	0.2026036	0.20276846
42.3251708	40.9405764	35.6282124	28.9436157	27.3829419	19.3393741	22.6452153	21.62216
254.310357	236.9554	205.895909	213.494511	213.257611	196.101327	201.24349	190.211923
0.15863782	0.13256768	0.33885646	0.16735924	0.20653866	0.17785472	0.17161932	0.18231465
0.00364707	0.00452187	0.00469285	0.00211585	0.00243473	0.0021229	0.00197761	0.00254247
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0.44808222	0.48149304	0.90688867	1.02087552	1.01181177	1.35392104	1.55451001	1.58336727
6.01396169	6.02594816	6.76369053	6.59213698	7.54167603	7.78201688	8.22994793	8.16922039
2.43040663	2.50406076	2.44644767	1.482559	1.44900238	1.50009264	1.52088681	1.61545202
9.78835925	9.63863474	9.98973598	9.75596322	9.27550109	9.09558811	8.09844553	9.26133781
0.00430946	0.00397794	0.00397794	0.00397794	0.00430946	0.02519388	0.0502741	0.0532964
0.03854475	0.03467988	0.03689328	0.02734764	0.03212559	0.02926594	0.02715436	0.02827854
21.3927925	21.0660239	19.242805	20.4029987	22.7917242	23.7526364	23.1160155	24.3605679
2.0919279	2.11553742	2.11333167	1.81411238	1.75499234	1.09660958	0.87095517	0.6182225
0.38698268	0.33986872	0.33986872	0.39047789	0.39546548	0.33860768	0.45228952	0.50937783
9.05254803	9.20084252	8.43698541	8.64389482	8.57873455	8.63012192	7.54959073	7.66314013
0.14807896	0.16168677	0.22531437	0.10235235	0.08511507	0.09368522	0.10007604	0.10260287
0.00081477	0.00166237	0.00252854	0.00057002	0.00065593	0.00057221	0.00053278	0.00051637
106.281961	98.1571741	98.2591034	96.740318	106.594044	104.302668	101.487829	95.7730835
0.22923477	0.26072712	0.13767739	0.14369272	0.16873515	0.16237755	0.16558606	0.18514693
120.737276	116.713912	109.135732	109.538571	120.546397	115.387942	117.609271	114.690069
5.16978725	5.29291578	5.35745248	5.2680178	4.84728191	4.68591394	4.73524228	2.26666533
0.59143503	0.57883808	0.61983713	0.55994268	0.41142252	0.47135666	0.4803702	0.54942305
0.24216442	0.20916234	0.22280953	0.14546177	0.13789679	0.12186342	0.12281016	0.12859694
0.07910715	0.10013436	0.11504866	0.05586164	0.06690454	0.05550438	0.05860543	0.05886665
0.04546146	0.0388332	0.04295136	0.0207125	0.02544556	0.02170799	0.02233004	0.02663894
0.04467069	0.0440434	0.04941081	0.02865096	0.03535826	0.03181113	0.03356465	0.03470132
0.01259694	0.01574602	0.01574602	0.02486445	0.02784923	0.02784923	0.03083376	0.03083376
7.48670939	7.45497555	8.35317984	8.06753667	8.36209217	8.00276908	7.8627714	7.92331611
0.00608052	0.00725584	0.00752962	0.00508751	0.00585428	0.00524328	0.00564642	0.00627901
0.43361371	0.42733973	0.51569374	0.54666767	0.57228986	0.6148733	0.63261084	0.66058418
0.03037365	0.04017543	0.04810677	0.02591849	0.03266083	0.02331299	0.0285758	0.02769604
0.22035093	0.19500472	0.21082706	0.19816919	0.17919808	0.16047848	0.14147661	0.20741076
1.02899489	1.13175597	1.17188585	1.2709597	1.32766589	1.45076706	1.44961508	1.67456616
0.29525202	0.33279388	0.35212118	0.33308554	0.33597314	0.40228464	0.35205322	0.35698054
3.12614523	2.49230061	2.49143692	3.54751238	2.79153113	2.34637213	2.57453016	2.6307064
0.05917699	0.05917699	0.07459359	0.0774138	0.06498143	0.04940001	0.06199665	0.0305046
22.1554303	21.8378224	21.2202769	19.7995489	20.1967604	15.9983097	16.4948593	16.9892503
17.9437437	18.9181845	22.3941092	23.348137	24.0617472	26.0422843	26.9069122	27.8350674
63.0633152	73.4403552	73.3299987	84.7082099	92.3607992	91.5902725	91.0073145	100.412769
8.43074361	8.10710238	8.34870924	10.2333564	10.0135882	9.28973124	9.25262276	9.42941349
47.828618	48.5434976	53.3258939	52.8829646	58.1540263	71.5090565	68.2317039	82.2711434
5.54577954	5.97196698	6.44781788	6.18094554	3.87770015	4.78973504	5.43541316	6.22893997
0.63307793	0.66749749	0.67976454	0.71418477	0.74150298	0.7918881	0.82667228	0.83262174

2.96248427	3.03960721	3.12045315	1.83782919	1.76761206	1.98851408	2.76593837	2.87212433
77.6780558	75.5339984	77.0011566	75.8539587	81.4857427	76.8216158	77.2824193	68.8652903
0.34161613	0.36658539	0.4016823	0.40391169	0.34162277	0.314671	0.37701608	0.32927043
0.78773093	0.89020057	0.93452829	1.70399299	1.73653169	2.24981884	2.17359767	2.29054033
137.101609	150.881271	146.595761	138.393719	140.637816	144.931112	150.532224	146.293869
24.6108182	25.3501139	25.7640574	26.6280224	28.667255	35.9349137	24.8255722	19.7867923
0.89619947	1.03328156	1.20147086	0.98628443	0.7404936	0.85217981	0.85778701	0.97560198
4.82438944	4.87805794	4.91034865	4.37314445	4.27796324	4.49407389	3.78040256	2.02388908
0.07529763	0.08888234	0.10423258	0.04282896	0.04511524	0.05030548	0.0499821	0.05043196
0.0032733	0.00360448	0.00422906	0.00173771	0.00173412	0.00191255	0.00190119	0.00191831
0.00360568	0.00442875	0.004596	0.00207218	0.00317934	0.00277224	0.00319666	0.00361462
64.3147914	66.839732	66.5569911	71.7261975	69.2831105	70.2501246	73.0172194	74.8580342
8.51831901	11.6167697	13.5470145	0.16363894	0.05487555	0.25830207	0.26029911	0.28434064
0.04033802	0.04444117	0.05906513	0.02535967	0.02994701	0.03195219	0.0325072	0.03492568
1.5111726	0.88389533	0.52756605	0.52756605	0.88662807	0.7052268	2.57512502	3.04584109
0.20911775	0.23272993	0.20956252	0.05993307	0.04240702	0.03782196	0.0398626	0.04121255
0.91786144	0.91156296	1.09318605	1.31301716	1.43240224	1.50003903	1.61312621	1.80508572
0.01031866	0.01512828	0.01569719	0.00707733	0.00814399	0.00710233	0.00661495	0.00760815
0.53853863	0.57301546	0.59672791	0.62739716	0.62044036	0.7265263	0.75670178	0.83666916
0.03979016	0.02329273	0.03759319	0.01804649	0.02227124	0.01896294	0.01794918	0.02034762
7.56276355	7.69061265	7.69962081	6.92266929	7.31236601	3.54268249	3.00441008	2.73269762
1.42970273	1.34163137	1.32892169	1.30704096	1.57753917	1.50254573	1.47176779	1.41670271
3.72574517	3.77474771	3.7775679	3.311218	3.7354192	2.7277155	2.5753822	2.14962457
0.17208226	0.18355477	0.22926095	0.09879451	0.09582058	0.11004588	0.1202738	0.12923247
2.84014485	2.39473683	2.540312	2.45429619	2.8046174	3.09160641	3.38924985	3.60109799
14.695386	14.7942742	14.7960491	12.3989123	7.48839211	3.31980425	3.84065782	3.43353419
0.08040987	0.0679768	0.10525623	0.13378819	0.13366046	0.14310787	0.16188077	0.30049976
0.01246525	0.01669092	0.0195794	0.00977514	0.00965339	0.01076034	0.01249553	0.02653919
27.2664144	27.6487804	27.0106247	25.9236889	27.1094874	29.0059842	29.6281564	30.5506258
0.27491381	0.21917339	0.21909744	0.57291318	0.5281411	0.5281411	0.1717889	0.60357181
0.1000108	0.04737439	0.10505788	0.05052654	0.06236309	0.05639164	0.05391649	0.05574238
0.0899145	0.0899145	0.0899145	0.0930062	0.0959088	0.101714	0.101714	0.101714
0.03106745	0.03111794	0.02499721	0.01211051	0.00936521	0.21240707	0.40452193	0.53075999
2.45313327	2.26201025	2.64224466	1.86517394	2.01668115	1.26396114	1.22010276	1.16239044
0.82056905	0.82496462	0.77877767	0.23413374	0.1492583	0.16418586	0.1801692	0.15502395
0.1636729	0.18331729	0.23395808	0.09934603	0.12812384	0.36307656	0.35494269	0.36681366
0.06003323	0.08409951	0.12137001	0.05985175	0.05706564	0.05435996	0.06872819	0.06609589
0.09642772	0.10190321	0.11351255	0.11909332	0.12191336	0.12456881	0.13368729	0.13037348
0.10061698	0.08730633	0.12042276	0.06597883	0.09648149	0.08574093	0.07954235	0.0867374
1.67482381	1.86510391	1.92032195	2.04822694	2.41375904	3.36891933	2.68569566	3.87352392
0.43452968	0.41243279	0.43660352	0.21271829	0.5748579	0.67557075	0.67220513	0.83362063
0.25429403	0.25469401	0.31876016	0.17340356	0.18057934	0.14537884	0.14946265	0.15129972
0.14406046	0.14841158	0.16644008	0.01036062	0.01276442	0.00435112	0.01951934	0.02552884
6.19145892	5.69985042	5.76060081	4.22896605	4.13500523	5.06838579	4.38698013	3.6210393
0.23908508	0.22007937	0.19186607	0.20708745	0.15604212	0.16513903	0.16780271	0.23120485
42.9306798	38.9411204	38.2877736	38.704458	43.8944906	40.9234317	43.0003846	40.2628948
4.18235422	3.84794292	3.38927172	3.87443149	3.86685204	3.61129141	3.478782	3.64762388
0.24186293	0.27847285	0.28603013	0.35277424	0.43633838	0.50948664	0.57289009	0.65870299
2.02569647	1.83906895	1.98056316	2.64549436	2.43018438	2.62271118	2.35656439	2.69667784
0.9474044	1.21860159	1.22420031	0.57591706	0.64802303	0.70094659	0.77353575	0.86705698
7.3755291	8.09064453	8.80039716	9.49971229	9.11725604	8.53563772	8.92161251	9.58660042

0.2112173	0.20524804	0.20524804	0.22928967	0.23564742	0.25073516	0.25692832	0.28102926
4.55629314	4.84682797	4.37441117	3.95781549	4.03420908	4.27121161	4.27661965	4.46202997
3.13980467	3.29280029	3.74239807	3.25871201	3.22166329	3.64397052	3.97284938	4.14851304
0.72126816	0.69036893	0.7209329	0.72855394	0.72312354	0.66093001	0.67641978	1.01237519
0.43283608	0.44426593	0.53489867	0.22264407	0.2170514	0.26584478	0.27186613	0.25722937
102.904143	103.100136	90.6295815	53.0076531	62.7212078	65.4297572	69.237006	62.6214304
1.41748379	1.57198308	1.59601301	0.61973611	0.71080088	0.62206115	0.58026166	0.56287498
19.5365511	19.9538787	18.8257357	17.1219364	16.5074613	15.9337875	15.6588435	14.8225629
3.33726132	3.33054685	3.27181249	3.65176251	3.7476591	3.94383497	4.01348682	4.06822618
0.10729072	0.11307636	0.1217545	0.12754014	0.13332578	0.14489769	0.15646834	0.16804025
0.17807084	0.19303644	0.22825511	0.0887082	0.08760336	0.09184272	0.09125404	0.07282959
0.11886942	0.0472383	0.22333147	0.09416943	0.07527411	0.09715406	0.10958635	0.13461552
0.22092144	0.22137595	0.26065882	0.13368234	0.1920379	0.1712675	0.20468359	0.21975427
37.2906476	35.1439191	16.3595836	16.6601042	15.5550849	10.3658192	8.79438495	7.35324753
387.590973	397.298851	399.049365	381.980359	365.553805	259.819324	287.698048	231.462186
0.02799006	0.02799006	0.02799006	0.0463864	0.03412169	0.03412169	0.03718751	0.03399009
1.53375915	1.79004212	1.72341473	2.54107129	3.01129261	2.70611492	2.90707267	3.02048861
5.63523337	4.49265615	4.49109925	7.23102469	5.91413013	4.22845643	4.08030318	3.55920876
0.12460738	0.13965053	0.13368127	0.148769	0.17048434	0.16136586	0.15245656	0.17981197
0.13007565	0.16357828	0.29102182	0.29994591	0.29299165	0.31747314	0.27917253	0.27221827
1.27195332	1.28553513	1.41269579	1.31968353	1.24454572	0.72924786	0.74327422	0.75529084
3.3491E-05	1.8899E-05	2.2554E-05	3.8598E-05	2.9637E-05	2.7325E-05	2.8103E-05	3.4756E-05
0.02576255	0.03438858	0.04034287	0.01657681	0.01637035	0.01824674	0.01813632	0.01829955
0.21750797	0.20644264	0.21855916	0.10648318	0.13913795	0.08572433	0.08196334	0.08790171
0.15215657	0.14573128	0.15766963	0.1666826	0.17576351	0.20310285	0.23682937	0.24779668
0.24852822	0.21230243	0.24132738	0.10489608	0.07746531	0.06098375	0.0614553	0.06353649
0.01482831	0.01718909	0.02162308	0.00916929	0.00990659	0.00801094	0.00426221	0.00421671
0.00762738	0.00651408	0.00720624	0.00658754	0.00860031	0.00733535	0.00701514	0.00888051
0.0750012	0.0965438	0.1089928	0.05964655	0.06404162	0.05243368	0.05083941	0.04875785
14.1880925	15.1985326	14.1017118	17.1568741	13.0653061	11.2489875	11.0779377	9.25259095
1.28178188	1.02189294	1.02153881	1.96688497	2.50666459	2.07869939	2.39624671	2.17355566
13.2103878	12.3435452	10.8336536	10.573132	10.2399525	10.3861628	9.73735031	10.1664382
0.10373243	0.11576332	0.12212093	0.13146336	0.13461244	0.11286877	0.11607729	0.188884
0.07266612	0.09214691	0.10601287	0.04565889	0.06377373	0.05405598	0.05326025	0.05506391
6.81072875	7.1797981	7.43411654	9.06282744	10.487906	8.80327307	7.85063664	6.77344691
0.00093673	0.00108403	0.00112444	0.00050697	0.00058338	0.00050892	0.00047385	0.00045926
0.05862702	0.02983568	0.03629153	0.03658285	0.04439616	0.03787647	0.01731938	0.01953371
0.03779064	0.04093986	0.0472383	0.05652137	0.04707371	0.05022293	0.02187995	0.04707371
6.1718431	6.80648488	7.499989	8.05495985	8.13088875	8.56258171	7.98320964	8.12015072
9.76201128	9.89337233	9.91169998	8.75207367	7.90495902	5.43236299	3.44152975	2.02369983
21.7061836	22.1080544	22.3116624	21.0207987	16.6537829	14.5439219	10.3248036	16.4809806
0.01132611	0.01574847	0.02270985	0.00933143	0.00941781	0.01004428	0.00998549	0.01366202
0.13447294	0.23296573	0.14027761	0.14027761	0.14624687	0.23519011	0.23258063	0.17908787
1.99267565	2.05321545	2.14617536	2.31543491	2.48811989	2.59000722	2.95201807	3.03450313
28.7528098	28.0929598	27.4935579	28.7052609	29.1589403	31.5494127	32.0034584	28.0979772
11.086647	11.0322228	11.457527	11.7394285	11.6308618	11.2392913	10.5899008	11.3673893
0.28559148	0.32338212	0.33282978	0.34211285	0.34841129	0.31724827	0.23835318	0.23835318
0.01889532	0.02519376	0.02204454	0.04067238	0.0344631	0.04067238	0.0344631	0.02186622
85.8993329	87.6503363	87.9246444	81.4643843	69.4883143	63.3571717	64.4746156	60.6959933
0.94595021	0.97893914	1.00402153	1.01677619	1.04158856	1.11679182	1.13570732	1.12503345

634.662469	671.54721	671.106533	611.794402	619.235193	612.429139	630.573191	621.617485
55.136793	57.1621922	58.1692899	62.467304	64.0595346	56.6055868	59.2234804	58.8201626
0.00266411	0.00363505	0.0061283	0.00290201	0.00317947	0.00334457	0.00258253	0.00455375
4.76597675	4.77601041	5.12982063	5.05198047	4.09200457	5.36327143	5.15024424	4.65950157
0.00338261	0.00391392	0.00406046	0.00183072	0.00210664	0.00183748	0.00171112	0.00165844
2.61919423	2.26371681	2.18830025	2.68137926	3.2607658	3.45741546	4.22507159	4.70961629
0.01736014	0.02504793	0.02590353	0.01064371	0.009446	0.00534873	0.00531591	0.00536375
0.01882441	0.02073921	0.03126977	0.01284869	0.01268866	0.01257637	0.01405747	0.01418399
0.74678236	0.84128097	0.92186598	0.68670604	0.89955829	1.10632071	1.21477694	1.35023742
11.095309	12.1409854	13.5271333	14.34619	14.925827	14.7664591	19.6789251	19.0529727
0.31632699	0.35226382	0.49020649	0.33763552	0.24307094	0.25426913	0.219758	0.20424769
1.94822671	1.90360521	1.73789903	2.42869827	2.64388138	2.46048926	2.77337297	2.8666073
4.9427E-09	4.7668E-09	6.2894E-09	7.9011E-09	3.6462E-05	6.4796E-08	7.8844E-08	9.8529E-08
0.25607876	0.21409535	0.0471497	0.03017161	0.03004245	0.02526544	0.02509241	0.02508522
11.7000729	11.7243543	11.8283838	7.33807918	7.79823237	8.24382581	7.964813	7.35883495
0.53179898	0.46022614	0.4494607	0.40875259	0.35095854	0.25375378	0.25364922	0.29567641
1.26949218	0.99568208	0.68453398	0.441839	0.43561663	0.39516829	0.14313887	0.10268963
6.42219173	4.27288165	3.55709336	3.44296081	3.80344914	4.08656679	4.30901833	4.75100729
15.7707383	15.5418651	15.5530275	13.4449535	14.1694566	14.0889946	12.9495174	12.564006
0.16191475	0.16398437	0.16559483	0.17545286	0.13329363	0.05649838	0.02221561	
5.6179E-09	5.269E-09	5.1512E-09	6.4332E-09	6.1036E-09	4.2753E-08	5.0543E-08	6.0555E-08
19.3973258	19.2493585	21.2776626	20.4327923	21.3451464	20.4915037	20.4072364	19.426903
3.58784322	3.78117543	3.55525605	6.11580344	5.85738746	5.53341089	5.84980113	6.41968546
3.63998493	3.66446204	3.66174311	3.72305985	3.74883092	2.91076787	2.35827515	1.64251478
8.6575E-09	1.2728E-08	1.2233E-08	6.286E-09	6.643E-09	2.5337E-09	2.9117E-09	3.0707E-09
7.46100411	7.47550618	6.96504909	7.27111987	7.18385156	6.30645266	5.83504994	6.07263535
1.4746E-07	1.1249E-07	9.0274E-08	9.7363E-08	9.311E-08	6.4279E-08	7.2786E-08	6.097E-08
2.8166E-08	2.8019E-08	2.0767E-08	1.0231E-08	1.0771E-08	4.4877E-09	4.8834E-09	5.4284E-09
0.67008639	0.49903996	0.63536561	0.59491946	0.58300874	0.63812176	1.02680339	0.78166955
2.85893831	2.00431326	1.99993612	1.52879054	1.45155687	3.10133322	4.12821755	2.76305425
2.80758581	2.86712682	2.84459581	2.82300525	2.81475957	2.76941498	2.76387022	2.78593081
3.3892E-08	3.0074E-08	3.3615E-08	4.2659E-08	3.6392E-08	2.1813E-07	2.7201E-07	3.3176E-07
0.14702278	0.12092734	0.12113464	0.04528476	0.04028892	0.03453198	0.02992772	0.00322298
5.67388916	5.68614248	5.64492499	5.58828747	5.29075864	3.87839363	2.75610808	2.5932653
3.0859E-09	2.095E-09	3.0243E-09	4.8994E-09	5.3148E-09	3.0767E-08	3.6379E-08	3.8796E-08
9.5446E-09	9.74E-09	1.1557E-08	9.9292E-09	8.4633E-09	4.6476E-08	6.2958E-08	6.8576E-08
1.11680537	1.48724273	1.88342192	1.91027481	2.16877478	2.44863317	3.64414051	3.73801242
29.8551521	31.2178599	31.483685	28.0914926	27.8959726	28.4179033	29.9766335	32.5609118
0.00615791	0.00810707	0.00607933	0.02519162	0.02023275	0.02148195	0.02040845	0.01649066
2.09960607	2.32400284	2.20360826	2.44292489	2.92064857	3.14358016	2.99580094	2.82531866
1.4678E-05	1.4701E-05	1.8035E-05	2.019E-05	2.2415E-05	7.6537E-05	0.00031859	0.00044288
0.00430187	0.00537955	0.00585655	0.00701373	0.0069254	0.00795891	0.00786174	0.00795007
1.2512E-08	1.1655E-08	9.7007E-09	5.0963E-09	4.9832E-09	1.9592E-09	2.2137E-09	2.3633E-09
40.5570903	46.6662973	44.3884474	45.8704146	45.4545581	45.800197	47.5717068	49.8360353
0.59679799	0.55001734	0.45700939	0.41642892	0.53262468	0.54277693	0.61616445	0.70246379
3.45290449	3.57409518	3.75436358	3.36982049	3.38883981	3.5571098	3.40819897	3.77784345
134.761473	140.386879	174.563873	162.337302	168.776186	167.077638	166.203851	199.872685
0.21039132	0.2010582	0.1948345	0.17616558	0.18238888	0.22594998	0.27262183	0.28609092
2.46698383	0.36653208	1.56330433	1.63622192	1.63621563	1.63621572	1.88046662	2.139198
0.03954209	0.0459711	0.04265793	0.09242688	0.05498311	0.03883085	0.04170142	1.10234132

1.70105965	1.70163242	1.70237199	1.70241965	1.70243953	1.70290345	1.7036184 4.1559E-12	1.70010475
6.77052008	6.64289886	6.1783088	6.89219691	6.95874136	6.83411307	7.46194738	5.89008845
2.8487E-09	2.6508E-09	2.2087E-09	1.2847E-09	1.1423E-09	4.7567E-10	4.8036E-10	4.8684E-10
2.8718E-09	3.6173E-09	3.6357E-09	1.775E-09	1.6377E-09	7.9932E-10	8.0689E-10	9.6293E-10
0.12183363	0.12825067	0.13068261	0.11833352	0.06242407	0.07798154	0.06553543	0.10894217
3.15158614	3.16354654	2.54036529	2.60093748	2.12717909	1.16321957	0.99877748	0.17823107
3.6313E-09	3.5935E-09	3.5134E-09	4.5296E-09	4.2302E-09	3.0099E-08	3.3835E-08	4.3798E-08
0.07894162	0.08798448	0.08798446	0.08572042	0.08599835	0.08912545	0.07771955	0.11221015
9.4897162	8.33730509	8.1548977	7.35214009	7.15020888	6.86882981	7.56289461	7.85376573
55.10401	54.8074201	62.5067756	55.3889674	61.9701936	47.1685058	46.4098445	48.3492197
3.7018E-08	3.3738E-08	6.489E-08	3.2595E-08	3.0074E-08	1.2649E-08	1.2883E-08	1.3416E-08
6.9859E-10	7.0203E-10	6.8663E-10	8.2778E-10	7.8537E-10	5.4988E-09	6.5036E-09	9.6655E-09
1.58876159	1.62803211	1.67851814	1.59223412	1.86394016	2.06558901	2.00956377	2.08627288
0.03601957	0.03324848	0.03601953	0.03047715	0.03601857	0.03601842	0.03878926	0.04155972
33.6655199	33.7360949	34.4868859	29.8023709	29.9396185	38.1234471	35.4339929	35.2716094
2.23863362	3.57288704	3.99855523	3.8097368	3.15132209	3.16192714	3.46747537	3.36750549
4.76907526	5.13746378	5.69891135	5.92906344	6.29715813	6.63383461	6.98420444	7.85023597
0.007758	0.00775794	0.00775794	0.01357606	0.00775798	0.04751215	0.04161748	0.0475122
13.2083149	14.6136498	14.6349697	14.9985047	16.4218736	15.1863557	14.8681201	14.8247933
2.22949516	2.25799291	2.28016816	2.41590889	1.80093465	1.59569559	1.98538115	1.90489795
0.11222668	0.09978085	0.09978085	0.12094299	0.10289216	0.00831194	0.01108277	0.0110828
2.29570751	1.5435616	1.34959965	1.80638816	1.89459336	1.97404895	2.02079338	2.40058444
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1.5607E-10	2.5808E-10	3.6996E-10	2.2301E-10	2.1158E-10	1.4822E-09	1.7521E-09	1.9631E-09
19.9666507	21.7547724	21.3833958	31.2267077	31.9855912	31.4011195	30.6200101	31.0060959
3.4455548	3.44622775	5.14050084	5.24681345	3.84515939	3.83087787	3.84266906	3.84469608
35.8510198	35.5003051	36.4183431	38.5760663	38.6787071	42.1623109	45.2318448	46.3997402
0.00847794	0.00859875	0.00866092	0.00923667	0.14304523	0.14274479	0.11754682	0.2014578
0.04155913	0.05264153	0.05264166	0.04432997	0.05264175	0.05264166	0.0415592	0.05818298
5.6509E-08	5.3231E-08	4.2668E-08	2.833E-08	2.0079E-08	8.6669E-09	9.2188E-09	9.463E-09
1.5153E-08	1.5546E-08	1.6833E-08	2.1855E-08	2.1581E-08	1.4377E-07	1.9273E-07	2.2379E-07
1.0608E-08	9.8829E-09	8.2251E-09	4.0339E-09	3.7051E-09	1.5439E-09	1.6762E-09	1.9603E-09
1.0424E-08	1.1209E-08	9.4621E-09	5.58E-09	5.1484E-09	2.2624E-09	2.5196E-09	2.5536E-09
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1.80498874	2.15781606	2.4283479	2.25983717	2.30728822	2.216758	2.27194903	2.49705416
1.1647E-09	1.1265E-09	1.1017E-09	1.9904E-09	1.8884E-09	1.3581E-08	1.8569E-08	2.387E-08
0.09411713	0.08897066	0.08619539	0.08345941	0.08343177	0.08365341	0.05202911	0.05071536
5.818E-09	6.2373E-09	7.0387E-09	1.014E-08	1.0535E-08	6.0386E-08	9.3975E-08	1.0529E-07
0.13937753	0.63584797	0.24008562	0.01528448	0.28859686	0.88186709	0.90790439	1.05825129
0.05163686	0.04512298	0.03175385	0.02033074	0.0171222	0.02033062	0.00326915	0.00326915
9.4236392	8.70663382	6.42143195	3.79299477	2.73834107	2.15474339	2.27063546	2.2988881
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4.6341359	4.7075103	4.28562391	3.75826557	3.55905122	3.87510501	4.16648478	3.94652853
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31.2273246	32.4923704	32.7301911	33.4760842	34.3223806	33.9614183	36.1392461	42.2359576
0.51661835	0.42871735	0.46425629	0.37018325	0.36326155	0.34180541	0.41313512	0.35038629
16.2939322	15.9066452	11.8446436	33.0857544	35.3302155	34.0795917	32.2742686	36.7395061
14.3487673	13.7330733	14.4980617	12.4404583	10.5238131	10.2061301	9.61730548	9.13820615

1.96652344	2.01954076	2.24657054	2.21544217	2.24343598	2.3181047	2.66352723	2.47059847
26.2601189	25.1612857	26.8308561	25.0198798	23.7050319	24.4188312	23.668252	22.4593105
0.04155879	0.04155889	0.04155894	0.29453763	0.10816469	0.01283507	0.00962611	0.01584916
2.56006951	2.76150592	0.54025646	0.44187889	0.52648626	0.41682483	0.41681712	0.41682465
84.7906472	88.8032668	88.6752995	78.3962489	75.6891592	72.6297546	74.0121242	71.9883459
9.2978933	13.1671178	13.0228137	7.53873863	10.4768792	12.1511759	10.0802091	10.9618139
0.2429133	0.22803762	0.25020224	0.25817317	0.21802133	0.23187419	0.23187415	0.27232344
0.01098156	0.01130592	0.01108778	0.01263662	0.01211849	0.00755727	0.00599989	0.00297686
						4.433E-11	
						1.6862E-12	
6.9066E-10	6.8757E-10	6.7246E-10	8.107E-10	1.0256E-09	7.1808E-09	1.0513E-08	1.3741E-08
25.7356018	28.4239635	30.1386642	21.5799768	21.3349961	16.745444	17.8658815	16.594809
4.5523133	5.87969066	6.90979481	7.13481756	30.0838976	5.26749876	8.50476881	12.7212559
			2.0567E-05	3.2468E-05	0.00018121	7.9309E-05	0.00010477
0.1960246	0.09334494	0.01555743	0.01555743	0.06223008	0.06223		
4.8798E-08	5.9229E-08	4.0131E-08	1.1672E-08	6.1748E-09	2.6899E-09	2.9923E-09	3.0327E-09
8.29653932	9.32316025	8.60166738	12.1881641	12.2534245	13.32244	14.3661093	15.8354683
1.9765E-09	2.3487E-09	2.2967E-09	2.7689E-09	2.627E-09	1.8397E-08	2.1754E-08	2.8923E-08
0.1383563	0.13835644	0.13038533	0.14457942	0.13558573	0.11069373	0.11968745	0.1681858
9.285E-09	5.9279E-09	7.199E-09	3.5147E-09	3.2429E-09	1.3486E-09	1.3474E-09	1.4973E-09
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0.22308	0.156	0.14898	0.26702	0.30194352	0.35497597	0.34504595	0.27535557
0.07597157	0.07694265	0.07769828	0.08232374	0.16774023	0.16657976	0.1277042	0.09842372
						1.0667E-10	
0.30566494	0.29166901	0.30390134	0.2854073	0.25790754	0.28598587	0.30008037	0.31448651
0.06324996	0.06405843	0.06468754	0.06853845	0.06874041	0.14132979	0.22021543	0.17393182
2.5648E-07	3.2281E-07	1.4558E-07	1.3539E-07	1.7642E-07	1.7983E-07	1.91E-07	2.6104E-07
						1.1082E-11	
35.4312226	33.5377833	34.0668028	33.4381505	36.0276212	38.0517605	44.08021	46.9655753
0.01957592	0.01530373	0.01530668	0.00142502	0.00465323	0.00465379	0.00148423	0.00147188
2.3337E-08	1.2057E-08	2.0118E-08	9.8405E-09	9.0805E-09	4.0106E-09	4.0473E-09	4.1019E-09
0.37510596	0.36938922	0.36009046	0.32658436	0.33456998	0.39295313	0.35913894	0.45361353
0.0098705	0.01056925	0.01036428	0.00900786	0.0254954	0.0268256	0.02257484	0.01603411
0.00040234	0.00042106	0.00046784	0.00037427	0.00039298	0.00037427	0.00037427	0.00037427
3.7993E-08	7.8407E-07	4.9622E-07	1.9982E-07	1.3169E-07	2.5766E-08	2.6593E-08	2.6952E-08
5.5361E-06	4.8712E-06	8.392E-06	9.2072E-06	1.7543E-05	1.6536E-05	2.2602E-07	2.5127E-07
2.1023E-08	1.9493E-08	2.0854E-08	0.00045394	0.0004636	0.00049257	0.00050223	0.00049257
10.2750135	11.434925	13.416064	12.5243545	16.6701371	16.5293897	12.8450147	15.5313195
1.014E-07	1.0496E-07	8.3609E-08	4.1429E-08				
						1.1907E-10	
0.05780802	0.05780503	0.05781035	0.09439273	0.09439373	0.09853749	0.148586	0.0610139
37.7963128	44.2641164	46.5262243	47.0632419	50.3163055	52.7898287	53.8086343	54.600636
0.04185653	0.04185652	0.04807954	0.05707307	0.06329611	0.05396172	0.0570732	0.06018459
10.5938341	12.9611821	14.31991	12.7599332	13.4490773	13.3862512	13.7794296	14.2524484
6.4042244	6.61947122	7.33719166	9.14210522	7.97362067	11.1038656	12.2816836	13.0280728
1.94698159	1.90375655	1.87389045	2.19989707	2.22732296	2.39736705	2.47942016	2.4252395
5.09964529	6.08291421	5.80751839	8.48646773	8.02596486	8.78369518	9.57499027	8.7492779
1.77860732	1.8275058	2.13842321	1.34366647	2.53073044	2.21345974	3.24371269	3.6354924
0.25993071	0.19173234	0.1982962	0.09186743	0.07247346	0.11403235	0.1140323	0.07524393

1.8900701	1.88077008	1.62562302	1.67420554	1.55375772	1.50369349	1.98792591	1.78888938
2.14305208	2.37912277	2.61511328	1.56840012	1.46061418	1.68502861	1.68437704	1.71128776
0.00441521	0.00422606	0.00441315	0.00445981	0.00442656	0.00404585	0.00414067	0.0061972
1.5374E-05	7.6872E-06	1.0249E-05	0.0199207	0.02213041	0.02345336	0.02389662	0.03142906
19.4749722	19.2492519	18.0533209	15.5403183	12.7085416	12.9152412	14.4178266	16.8953192
0.00019263	0.00018833	0.0001757	0.00098581	0.00264613	0.00135581	0.00300672	0.00221346
3.8601441	3.8610762	3.95704742	3.95683079	4.62593326	2.41224017	1.96842568	1.46255396
1.53503651	1.68488713	1.91327782	1.76583524	1.54860106	1.68214217	1.92567533	2.55067899
0.0190554	0.02540687	0.02223116	0.02540689	0.02223113	0.02540683	0.01905533	2.4062E-07
						8.0934E-11	
4.5822297	4.86073024	4.71933705	5.13700237	6.0443044	6.48421694	6.46166358	6.38005302
5.1552E-08	5.6339E-08	4.9916E-08	2.6036E-08	2.7962E-08	1.218E-08	1.5365E-08	1.6171E-08
6.79000224	5.68503816	11.9895721	8.68598393	5.67940749	9.39931839	11.252417	14.7914419
172.571139	195.339984	195.582405	205.963319	191.468249	191.488128	170.283136	178.033646
							0.0041514
24.8636343	29.9335843	31.2535993	21.4486725	20.33227	19.0045203	17.2716476	21.7616471
3.41031216	4.04528711	3.38036247	0.93774588	0.47237415	0.91296778	0.8479434	0.78010801
0.00554151	0.011083	0.00831223	0.011083	0.01385368	0.01108294	0.00554141	0.07871774
0.04462719	0.01939492	0.01108309	0.01939472	0.01108289	0.01662402	0.01662442	0.00554222
3.71198845	4.8066307	5.1063885	8.79039154	9.88505281	10.1336616	10.673172	11.1123859
1.5487E-06	1.1883E-06	1.1633E-06	1.452E-06	7.1322E-07	6.0037E-07	8.1216E-07	2.0408E-06
						1.6085E-11	
5.0755E-08	5.2539E-08	4.1854E-08	2.0739E-08	2.026E-08	6.0967E-09	6.1526E-09	8.5496E-08
0.07680804	0.07126688	0.02770626	0.01939443	0.04739769	0.02770642	0.03324773	0.04432987
1.139E-06	4.2282E-07	4.978E-07	2.0106E-07	7.8774E-08	6.9252E-08	7.5173E-08	4.6754E-09
2.8403E-09	2.6686E-09	3.1638E-09	3.5873E-09	3.1956E-09	2.075E-08	1.4017E-08	1.603E-08
1.7798E-09	1.6578E-09	1.38E-09	1.283E-09	1.2523E-09	5.2169E-10	5.266E-10	6.5349E-10
0.00069106	0.00098895	0.00119163	0.0025106	0.00367284	0.00502101	0.00355565	0.00447215
5.02890221	5.15322294	5.59459014	5.21070444	4.86258459	4.49508146	5.09039494	4.51996921
4.51714467	5.59892665	4.1466502	0.14325922	0.13259669	0.088183	0.06216902	0.06284427
2.60272313	2.39146738	2.67436755	3.2069152	2.87332728	3.32668265	3.57398603	3.96824766
0.00172657	0.00172657	0.00172657	0.00167425	0.00128708	0.00104641	0.0005232	0.00190446
1.6957E-08	2.3451E-08	2.0301E-08	8.8925E-09	9.2859E-09	3.8444E-09	3.998E-09	4.052E-09
5.70573421	4.47202323	3.71279815	5.20686043	6.03802426	6.87904755	7.82043613	8.36365192
1.7943E-10	1.683E-10	1.6452E-10	1.9834E-10	1.8818E-10	1.3182E-09	1.5583E-09	1.7459E-09
1.3681E-08	7.593E-09	6.9498E-09	7.1248E-09	6.4644E-09	2.6938E-09	1.3001E-09	0.00561
1.91997505	2.14710997	2.10945178	4.18871864	3.1468	3.79848126	4.32620732	3.95627836
0.0030798	0.00317077	0.00310959	0.00354397	0.00234367	0.00159996	0.00131227	0.00053013
2.78663042	2.82083597	2.84585826	3.00586485	2.67102466	1.39611373	1.89891443	3.38828885
						8.8562E-12	
3.82606168	3.41878413	3.00449573	2.76964795	2.88391451	3.10785474	2.94603398	2.83958179
0.43191955	0.25460653	0.27120999	0.27546234	0.39002407	0.6358888	0.72384121	0.72316022
6.40244739	7.79714812	8.26628312	8.83671248	7.2312896	8.6540045	8.23741058	8.79560085
9.68109505	11.3363277	11.7249833	11.4695209	10.9477256	10.5826487	11.1571005	11.9924579
0.04460525	0.04460526	0.04460663	0.0446163	0.04461631	0.04184573	0.04223212	0.04225144
62.5853942	63.3088028	63.7715406	67.0513703	57.1580972	51.5733523	52.281586	42.4737916
0.25214847	0.25365969	0.25892827	0.25833167	0.29639415	0.36076159	0.13314488	0.09208671
288.424328	297.277932	297.240743	296.482796	285.626311	290.182922	290.221602	291.147294
3.59327495	3.62691398	3.64236983	3.77894207	3.80236975	3.53995711	3.30314323	4.91491149

5.103E-10	5.6435E-10	8.9666E-10	1.1354E-09	1.0256E-09	8.6632E-09	8.4929E-09	1.7312E-08
19.7016612	15.7738722	20.8844418	22.1865683	26.7912533	28.8654399	26.11913	39.9795629
6.4793E-10	6.0764E-10	5.9411E-10	7.1624E-10	6.7954E-10	4.7595E-09	5.6272E-09	6.3047E-09
0.06033278	0.05783432	0.04920751	0.04480699	0.04884112	0.04817552	0.05661489	1.29230995
						4.7147E-12	
						1.2468E-11	
0.35277965	0.38516799	0.38358045	0.38508857	0.38929386	0.3984404	0.39182336	1.44725644
58.901089	63.320926	56.4469049	62.756028	60.3386178	57.4863476	50.9579021	51.0282263
0.06482277	0.06763543	0.07072238	0.06792843	0.07107107	0.07112419	0.07106276	0.07094553
0.94330417	0.72962937	0.26837255	0.2246471	0.24323104	0.2429728	0.19927406	0.16918132
0.0024201	0.00232719	0.00399679	0.00938278	0.00968973	0.00870431	0.00795779	0.00866362
0.46189054	0.38773359	0.34579121	0.74520123	0.70440595	0.41983479	0.39070345	0.43278927
0.82986458	0.79283092	0.8465111	1.76523328	1.62862965	1.7129214	2.19092726	1.62777581
0.00105941	0.00075168	0.00077459	0.00075559	0.0007641	0.00071591	0.00131916	0.00137846
2.72972661	2.45586057	3.10479653	2.14354014	1.41558382	0.75816233	0.54265497	0.46382084
0.97389312	0.7996502	0.65029917	0.54139743	0.54139743	0.54139743	0.4262728	0.4262728
22.9200972	22.7092374	28.3296007	26.6397631	33.3459848	29.5788521	29.5840121	33.9517895
17.755336	15.8391337	14.7142415	14.1053995	14.6931816	15.7091122	15.0149917	17.5071279
3.61637855	3.62344433	3.55785274	3.80722229	3.99119153	1.3771053	1.99964999	0.63641649
0.00275075	0.00257235	0.00327353	0.00763955	0.00703403	0.0057432	0.00510135	0.00532457
39.8259991	41.0597705	42.2885996	42.8477684	43.1029041	42.8171367	43.7197871	45.416145
10.5777287	10.8022464	10.513458	9.51737027	10.0762111	9.14124213	9.39707385	9.25989958
11.5042978	11.6466037	11.5768008	16.2770463	17.0165959	9.13478988	7.16701656	6.90354099
0.05140232	0.05851306	0.05753118	0.01735711	0.02505017	0.0192778	0.0210559	0.02248904
26.0886596	26.970436	28.4931294	28.0992602	28.9790623	26.7266107	24.6411438	26.5878797
0.02178028	0.02489189	0.03111478	0.03111478	0.018669	0.02489189	0.02800317	0.02178028
0.16723039	0.12880995	0.09766413	0.02825092	0.04061806	0.03414436	0.0353145	0.03975588
1.77270272	1.56760792	1.61104794	2.30685077	1.51201869	1.49464078	1.4652321	1.89761772
12.6362259	18.6378971	18.1571125	12.088153	8.89293567	7.3787722	6.39720979	7.90862684
0.0241846	0.02317485	0.02544684	0.03145529	0.02948606	0.02716358	0.02958706	0.03185905
0.01659497	0.0146821	0.02136185	0.05065882	0.0419399	0.02930299	0.02745431	0.02917121
3.99225398	3.78054638	4.14428265	5.90643529	5.76979674	3.65895209	2.72434951	0.65383438
9.83754054	9.81544451	9.56645691	8.36783704	8.14778116	5.47094567	5.51786534	4.17149675
0.00151098	0.00102281	0.00192188	0.0058181	0.00612501	0.00413309	0.00367174	0.00341132
0.00467338	0.00475514	0.00734436	0.01179112	0.00975347	0.00624331	0.0063544	0.00602983
0.3832534	0.43299101	0.58550657	0.76437567	0.71811328	0.7276824	0.75697227	0.84854706
48.6577674	50.4197104	49.8990524	46.912333	50.3657214	51.2180535	53.4202136	55.3033079
0.00984955	0.00860137	0.01122051	0.02366308	0.02221214	0.01885932	0.0165572	0.01554961
0.09613738	0.11217999	0.12180556	0.12501408	0.13463964	0.16993338	0.1731419	0.18591686
0.03495703	0.03641278	0.03710987	0.03494219	0.03570258	0.03315196	0.03539264	0.06304453
0.51411411	0.55043025	0.54162662	0.50078883	0.48843996	0.68573048	0.63879575	0.47885455
0.07428517	0.05358192	0.0456217	0.01407205	0.01879115	0.01490622	0.01600844	0.01730833
79.3013329	82.1936127	82.5639915	76.3566588	74.3095402	73.3679571	73.2577944	76.418255
7.09061176	6.37054325	6.21785327	6.53847263	6.96610289	6.6384474	6.48377709	6.18248218
6.32641006	7.61870025	9.17295079	6.3791652	6.65526608	7.55200947	8.02185294	7.85616796
732.083275	770.730717	764.476935	745.203431	778.829158	807.803753	861.535841	903.375646
0.41488443	0.43378474	0.41463053	0.39567078	0.4180332	0.41757783	0.42973287	0.43255309
0.17424292	0.16802003	0.18046581	0.16802003	0.14935102	0.13690524	0.14935102	0.14001652
0.8098989	0.8208571	0.85790321	0.86488366				
0.05911796	0.04667218	0.06222957	0.04356057	0.05600668	0.04978378	0.03733767	0.02800317
0.00203523	0.00195669	0.00179262	0.0037379	0.0026676	0.0041818	0.00408799	0.00582746



11.2937523	10.6573624	11.4711018	12.3694146	12.8824344	13.2528432	14.7254114	15.669506
0.01691368	0.01218639	0.01038742	0.00354724	0.0043076	0.00361913	0.00347377	0.00356548
0.01705081	0.01662949	0.01709864	0.0049013	0.00617582	0.00608161	0.00583507	0.00705219
0.51998678	0.42449194	0.62702972	0.67876985	0.64797143	0.54972719	0.56837862	0.64885473
11.5368378	11.6780968	12.3491323	10.7743318	7.35796338	6.05410209	5.69476461	5.97740983
0.00177803	0.00175437	0.00223273	0.00537896	0.00487512	0.00404335	0.00341499	0.00385115
1.02070197	1.05407177	0.97614088	0.79896286	1.29363012	1.126961	1.19156621	1.21878299
73.4165168	71.5286783	66.3680285	46.6791657	37.0516101	40.0387004	33.0108118	27.3793113
178.178899	180.568885	180.518932	156.149715	133.60551	124.774816	117.548041	117.943201
0.21978851	0.1551001	0.30517565	0.09000161	0.11340527	0.09623929	0.09316276	0.09825407
0.00034205	0.00034273	0.00043634	0.00098301	0.0009051	0.00073868	0.00065641	0.00084988
6.22759944	5.96811354	5.51260219	5.45984959	5.88832289	5.74956495	5.68675924	5.72805903
0.78565713	1.24340284	0.91241558	0.79618784	0.75403632	0.83876339	0.71478068	0.90788057
5.87386186	5.74343955	4.75743946	5.67523118	6.22502506	6.30952714	6.23040279	5.96620978
1.9595545	1.58473281	1.6219395	2.40659856	2.52925774	2.76707616	2.49178629	2.78338787
24.8611158	24.4610335	26.4361818	26.5941711	24.1810475	25.8065045	28.0500094	20.5143633
0.0368269	0.04143922	0.04324875	0.0532469	0.05839399	0.02187752	0.04375472	0.04997761
0.05254808	0.03946817	0.03335923	0.01503382	0.01766772	0.01533122	0.01384834	0.01558244
38.9997718	41.9614802	41.6449054	41.050476	42.5806915	39.9941717	38.4481509	41.7466297
4.65268687	4.63523403	4.5047435	3.6016947	3.48826245	2.03411474	1.87762541	1.58358928
0.28432862	0.37218153	0.44407067	0.49649618	0.50321274	0.26359076	0.39232577	0.51425574
13.3587951	12.678909	14.2193609	13.6057986	13.1105653	12.6897858	12.2243372	13.4529088
0.0574229	0.04908639	0.06248068	0.11094365	0.09693174	0.10645625	0.11413098	0.15364813
7.6416E-05	0.000126	0.00023511	0.00026483	0.00024384	0.00019911	0.00017684	0.00017261
75.2982187	73.2741222	73.3902157	60.5455933	61.0011899	61.3738429	57.4864742	57.1957351
0.48429675	0.58579489	0.287371	0.13768669	0.19544039	0.2723808	0.30799322	0.41075714
86.122564	87.8443521	79.0179618	76.9585659	78.9875456	70.5781154	71.5831365	72.5588139
6.62765805	6.77202342	6.63343536	7.38878289	6.79947091	4.042496	3.12768327	2.13801738
0.28142341	0.27821489	0.30327077	0.29685372	0.29342146	0.34411629	0.3531673	0.40684627
0.33551242	0.2447135	0.20066326	0.0782257	0.07571572	0.06594173	0.06666693	0.06930421
0.00741936	0.00758964	0.0106973	0.02595308	0.02487134	0.01931323	0.01945238	0.01967762
0.06298565	0.04543365	0.03868219	0.01113867	0.01397153	0.01174645	0.01212176	0.01435641
0.06189006	0.05152942	0.0444996	0.01540777	0.01941435	0.01721338	0.01822041	0.01870143
0.00962557	0.01283408	0.03208522	0.01283408	0.01283408	0.01283408	0.00962557	0.01604261
9.53171255	9.88036824	9.94433492	9.63567444	9.53060949	9.17258566	8.97367523	8.89281558
0.00057028	0.00054995	0.00070011	0.00236364	0.00217629	0.00182444	0.00187417	0.00209891
0.5719117	0.63446512	0.67913352	0.71066674	0.76122734	0.84203665	1.04069354	1.09200119
0.00284871	0.00304508	0.004473	0.01204162	0.01214145	0.00811196	0.00948491	0.00925808
0.43484624	0.4854771	0.39672504	0.36498992	0.37765878	0.35234335	0.37448301	0.4154573
3.46965792	4.15410395	4.00453786	3.04244629	2.21900211	3.76494354	3.02684323	3.35547174
0.58122671	0.68776361	0.81331993	0.75637273	0.75909604	0.78165261	0.76424543	0.77853547
3.90547534	3.69836957	4.0541994	5.37675023	3.69259703	2.94539293	2.78502674	2.9253562
0.18876408	0.21745692	0.19915466	0.18372403	0.21586287	0.22452667	0.13036377	0.01899754
16.683258	15.9814442	15.7316979	14.0587723	11.7570166	9.4663526	8.87351524	8.38550056
26.010454	27.8369011	26.0997038	27.8129971	27.664812	29.1469361	32.1905349	37.8386514
134.977783	137.807726	148.039763	149.110341	153.204722	156.65398	154.532552	164.337006
5.85547838	5.10860541	5.37299153	4.1179762	4.19680551	3.87712926	4.03406134	4.21246311
30.1080948	30.3479202	36.6727966	37.3467698	45.8962668	44.8795246	36.5128549	41.5203567
5.98300627	7.60738673	8.31737867	7.79517093	6.89337752	8.68065619	9.60293001	10.3539498
0.52789206	0.56231687	0.54360479	0.55031535	0.48405594	0.47005501	0.48110337	0.55669419

3.78516914	3.79606957	3.64928998	3.17682325	3.15245783	1.62885946	2.35474535	2.65873641
69.0285808	70.9247114	74.8083804	74.0262147	69.9427482	67.7874232	65.8089233	67.5231195
0.98243964	1.07061177	1.72384143	3.73728798	3.88257349	2.90008684	1.80304608	2.61337283
1.31117778	1.19309821	1.19577279	1.30356356	1.15003729	1.3004509	1.29418361	1.65408598
220.600585	231.158826	236.40705	262.532023	261.059833	256.54504	255.061641	257.682876
75.7061129	79.1605435	76.9522715	80.9727744	85.4625798	88.7009551	75.8184483	60.4279593
1.39750375	1.35251452	1.31891338	1.41397481	1.4039931	1.47645972	1.56718334	1.54506881
6.73079144	7.21968441	7.02575946	8.44587663	7.56017272	3.38452508	2.91855375	2.64878587
0.01899549	0.01956694	0.01792624	0.037379	0.04104004	0.04460588	0.0436052	0.06215956
0.00082576	0.0007935	0.00072733	0.00151659	0.00157748	0.00169586	0.00165863	0.00236439
0.00033817	0.00033568	0.00042734	0.00096273	0.0011819	0.00096463	0.00106104	0.00120827
31.5522445	36.4537001	39.6237909	51.4381827	61.1462178	63.015256	70.9773445	79.1766326
5.96691112	7.97986314	10.2415694	4.05835937	0.99353386	5.2559365	7.1695315	6.18296172
0.01017616	0.00978347	0.01015821	0.0266003	0.03433423	0.04112646	0.0486863	0.07165196
0.30181366	0.20846931	0.32670555	0.32670555	0.56006643	0.34226295	0.60175239	1.00263972
0.28972713	0.27228685	0.18873294	0.0322305	0.02328465	0.02046591	0.02163923	0.02221051
2.08240212	1.82995201	1.98142203	2.08240212	2.20403258	2.39708156	2.03191219	2.36865806
0.00096777	0.00114664	0.00145953	0.0032881	0.00302748	0.00247132	0.00219564	0.00254321
0.27371616	0.33915132	0.41315604	0.40223748	0.36648384	0.59954781	0.64962264	0.63239827
0.05512822	0.02725178	0.0338566	0.00970495	0.01222859	0.01026107	0.00974363	0.01096586
6.96866955	6.95726345	6.78793821	6.12708813	6.1823793	3.03416333	1.98041805	2.02849292
4.93251282	5.21991151	5.49560093	5.08250731	4.65757592	4.22387258	4.50181533	3.99519272
2.75245212	2.75503808	2.6921123	2.56270529	1.84447362	1.58215876	1.57542943	1.43356383
0.04341155	0.04040855	0.03942901	0.08906735	0.08721168	0.09764376	0.10499881	0.15929347
3.97358449	4.81113163	5.93661556	5.38352518	5.62862918	5.83303672	4.97914158	5.5490623
1.43315604	1.49348302	1.47436521	2.05233082	2.16583633	1.20240885	1.24757287	0.99752937
			0.00787383	0.00524922	0.00787383	0.00262461	
0.00314464	0.00367441	0.00336733	0.00853126	0.00878141	0.0095412	0.0109013	0.03271069
60.6745771	55.5790282	58.1310247	53.2802198	52.0499073	51.7517254	50.0304207	50.9213913
1.1594454	1.09796048	1.20359814	1.63264404	1.41183816	1.36048738	1.11646465	0.89482583
0.13856232	0.05542657	0.0946156	0.02717191	0.03424203	0.03051418	0.02926832	0.03004101
1.22342931	1.13454838	1.10501534	0.96886975	0.95840604	1.12891274	0.75876467	0.9040499
3.3010222	3.11040549	2.96470283	2.81391907	3.42539693	2.64837765	2.40466305	1.82285589
0.07566486	0.06620676	0.08039392	0.1307301	0.12911252	0.14419963	0.19069046	0.19554318
0.22961857	0.2154139	0.21112865	0.13957317	0.15800554	0.27822697	0.26665567	0.25975202
0.00563044	0.00637429	0.01128506	0.02780687	0.02121379	0.01891502	0.02281234	0.02209417
0.14067948	0.12206736	0.13714806	0.16497611	0.19173488	0.19781237	0.26656636	0.23519786
0.17447614	0.11718112	0.11393233	1.16355443	1.21414871	1.2661202	1.31459999	1.36917535
9.78796437	9.52788047	12.582032	14.0149185	15.3953802	16.6858779	17.8214244	18.4309434
0.60202941	0.48253365	0.39320708	0.11439458				
0.46970337	0.50118687	0.57700685	0.41083056	0.42951685	0.38568246	0.37412734	0.50799891
0.02187741	0.02187741	0.02187741	0.05386566	0.04141974	0.03509973	0.05688009	0.03811416
3.02903056	3.96730471	4.23891797	3.82875446	3.72950882	4.39201984	4.04168812	3.45631258
0.37253572	0.29455462	0.25089685	0.32255794	0.24399454	0.25634341	0.23738338	0.30988812
27.3035654	23.6223776	23.7478978	28.546456	27.0460215	26.5503684	26.0817091	25.6706864
7.91145049	7.59132305	7.05883599	6.24407932	4.97033424	4.54952618	4.66100092	5.57704252
0.26229476	0.21098636	0.04197813	0.20383238	0.25998356	0.14636912	0.18960075	0.32978458
4.9139615	5.93569791	5.4819213	5.91709004	6.05291898	6.04176834	6.29080142	6.27115358
0.48070173	0.51282015	0.56799894	2.16004809	5.77595985	4.6577562	3.23007288	2.42775309
14.3452569	15.2232657	15.9284779	16.6733508	16.0487218	18.812683	20.5382566	20.4700916

0.69215923	0.4326086	0.45515681	0.50967659	0.61724555	0.64927388	0.69413633	0.74710729
5.09210057	4.84878954	4.21453093	4.07733765	4.59291907	4.16484651	4.59738492	4.27252101
7.08318703	7.92909774	7.45650874	9.34812015	7.2080985	7.57357561	9.22677857	8.54274753
0.18371539	0.17584499	0.18362999	0.18557116	0.18418797	0.16834656	0.17229198	0.25786373
0.10919247	0.09780263	0.09199354	0.19431272	0.19744542	0.27527393	0.28421201	0.34066579
56.6938499	56.344535	53.5601387	42.6659862	39.4697554	36.5595555	47.4683128	48.5152593
2.60767518	2.29835712	2.08152461	1.42234618	1.46826459	1.39906922	1.35368727	1.38965361
80.2564705	81.0150692	79.0459917	77.9190312	75.0828234	64.5648424	59.522127	52.8846737
7.02717495	7.67847283	7.99717401	8.06618208	8.31823599	8.14517301	7.7963909	8.55240058
0.09527493	0.1397375	0.12385889	0.1492628	0.19374174	0.24773073	0.14291136	0.33030274
0.04492231	0.04249588	0.03925603	0.07742012	0.07969027	0.08143696	0.07961151	0.08976559
3.98926539	3.17097396	3.03737742	3.12649227	3.23751978	3.42917982	3.5302608	3.61200411
0.30608083	0.25900304	0.2347505	0.07189102	0.10544327	0.09267487	0.11111155	0.11843125
74.3297219	77.3786892	79.5791451	60.395326	45.5161843	17.2033247	15.6554792	26.4766729
220.529223	223.181783	219.375556	251.405958	216.171884	200.221362	174.772761	143.174405
0.11248746	0.11837588	0.11837588	0.11189441	0.09274693	0.08626623	0.0733466	0.05727143
12.6441284	14.1583275	15.0185218	28.1701372	28.169482	32.2352131	31.4090545	37.6677346
7.59747598	7.19458491	7.88679478	9.79522256	7.23133188	7.2899678	4.45696186	3.93121278
0.37959372	0.49471164	0.55694124	0.67517748	0.84942036	0.63783972	0.00310464	0.76541724
0.43335741	0.38561766	0.2039931	0.23520495	0.24415119	0.27273681	0.26670795	0.2981139
0.6136266	0.4982196	0.4921848	0.4380666	0.41656578	0.4561683	0.496524	0.53959572
0.00101234	0.00064063	0.00070191	0.00245951	0.00134055	0.00137417	0.00148409	0.0002057
0.00649917	0.00757045	0.00693829	0.01446742	0.01489163	0.01617939	0.01582242	0.02255498
0.30135155	0.24153153	0.19683536	0.05726399	0.07639721	0.04638645	0.04449342	0.0473725
0.41497757	0.50086799	0.49458596	0.50423345	0.55149568	0.73050761	0.7323374	0.77992146
0.34432929	0.2483873	0.21734052	0.05641049	0.04253429	0.03299903	0.03336073	0.03424146
0.00139073	0.00130284	0.00201053	0.00426001	0.00368271	0.00278748	0.00141472	0.00140954
0.01056753	0.00762127	0.00648997	0.00354261	0.00472222	0.00396925	0.00380813	0.00478594
0.00703426	0.00731749	0.01013422	0.45418706	0.65424863	0.65177665	0.6534969	0.65601179
16.5257489	16.7162076	17.0514239	15.8218441	14.299502	13.4272147	11.1584482	11.6385376
2.31748687	2.19459148	2.40573888	2.61690989	2.29764929	1.8381421	1.75090395	1.96746415
11.9811461	11.4100319	10.8538843	11.8784101	11.35432	13.2756921	14.3562155	14.6472979
0.19623681	0.20566118	0.20196307	0.25075708	0.25075708	0.14888405	0.15509345	0.7157898
0.100677	0.10780905	0.09547567	0.02455421	0.03501658	0.02925033	0.02891208	0.02967536
5.92767676	5.51699668	2.9257029	2.97062232	3.66769504	3.90572032	4.2281227	4.63796044
8.7854E-05	8.2163E-05	0.00010455	0.00023554	0.00021687	0.00017708	0.00015728	0.00015352
0.08122619	0.03490683	0.03268431	0.01967334	0.02437683	0.0204954	0.00940175	0.01052722
			0.02489184	0.05911812	0.01244592		0.11201328
8.62918312	9.89544869	12.167256	14.7442218	16.4284853	19.1196198	23.5161861	27.7987558
0.46190539	0.46990246	0.46974577	0.73291284	0.65909646	0.32975019	0.46844622	0.63627498
0.00285726	0.00346694	0.00390571	0.00814401	0.00856711	0.00890626	0.0087115	0.01683902
0.72478974	1.54905264	1.64069055	1.70885307	1.23426102	1.26796632	1.19449056	1.3773397
2.18242651	2.48361827	3.15687442	3.38743461	3.08382898	3.41452286	3.08678759	2.90459685
26.6012013	28.2527742	29.7942204	32.7604403	34.5726778	33.1593087	33.1629504	30.3418099
26.683788	31.2113008	30.8102151	31.9827978	34.034713	35.5909915	35.8709326	36.9251339
0.30904152	0.312153	0.32526972	0.33704484	0.34949076	0.34949076	0.39806184	0.39318048
0.12847644	0.1411488	0.12551592	0.13470978	0.13478526	0.13793448	0.15671658	0.13471662
152.990221	156.610461	154.340031	195.062333	196.800853	188.684829	132.831132	97.2977655
0.62194452	0.61589655	0.58121376	0.55924955	0.57498038	0.58500388	0.54019476	0.49275732

691.433707	716.46615	671.941405	604.444717	566.876979	517.639262	532.421806	534.85238
0.58767457	0.58286693	0.56530655	0.411642	0.3872484	0.30492	0.2652804	0.22869
0.00024986	0.00027552	0.00056981	0.00134826	0.00118195	0.00116377	0.0008572	0.0015222
21.3011865	19.6330204	22.113774	23.514491	25.0718941	22.7512845	25.7908279	25.9001757
0.00031725	0.00029665	0.00037754	0.00085055	0.00078313	0.00063937	0.00056796	0.00055437
8.60933623	6.57675639	6.21791824	5.66076191	6.25276614	6.76777526	7.21132192	7.38507096
0.00437948	0.00551416	0.00445497	0.0092893	0.00859276	0.00474272	0.00463769	0.00661106
0.00474887	0.00456562	0.00537787	0.0112137	0.01154251	0.01115147	0.01226396	0.01748238

57.1066276	59.0016898	54.9956753	54.1220011	48.8325741	42.887682	35.4177176	36.3609656
1.44591996	1.59600663	1.69996438	1.28957323	1.35037279	1.36479957	1.32810937	0.87285495
3.37403	3.31565995	3.52708747	4.74171187	4.98930653	4.6027778	3.86464646	2.39568453
0.08092642	0.08886691	0.1199158	0.10910018	0.11831579	0.13581924	0.13607638	0.15541285
0.74239323	0.68665814	0.6121442	0.60498977	0.60530055	0.34161546	0.36201212	0.31508268
0.17336355	0.26048501	0.24492762	0.29159979	0.24492762	0.17258696	0.12523542	0.1750192
0.00046412	0.00035947	0.00037407	0.00040222	0.00042028	0.00044284	0.00044378	0.00045567
1.00978364	1.01126367	1.00090344	0.52574865	0.33287044	0.18665629	0.3204266	0.39197835
0.55695514	0.50717104	0.53206325	0.57251221	0.57873511	0.61918439	0.65341078	0.69697167
10.2096618	11.0959079	11.6707598	12.7688944	12.9718502	13.9706622	16.2447641	17.7452215
18.8551084	25.2031181	24.8510096	18.8080847	20.8843651	19.5974471	20.1429911	20.6108047
5.36964788	5.12790039	4.72681615	6.10044379	7.7996303	4.86637203	0.81306916	0.82107877
0.09198295	0.09822871	0.09821562	0.08883047	0.08588856	0.08961495	0.08723191	0.09551513
111.237952	116.588637	125.921505	128.641241	131.119727	133.854969	134.751954	136.962518
10.6171222	9.80548933	10.8275558	14.3513022	15.3536357	12.3849662	12.1870856	13.1251332
17.3437044	17.0833649	16.5705129	19.827002	20.6146799	21.8939559	21.4921108	16.0863638
0.02696807	0.04024018	0.03264708	0.05061409	0.07429971	0.05442932	0.06082019	0.06084431
20.6288987	22.3708393	23.8647479	25.8963932	26.0201781	25.2879549	25.7946614	27.8055852
0.02537711	0.0222655	0.0222655	0.02547402	0.02547402	0.02858563	0.03179415	0.0347116
0.0877369	0.08858425	0.05542122	0.08238093	0.12047466	0.09640386	0.10200632	0.1075599
3.54361294	4.06187657	4.05668149	4.31391954	4.47054923	5.06317397	5.62576545	5.92798908
41.4814071	41.1628519	40.7423318	44.0897328	38.7482478	36.8781865	37.0832474	33.972879
5.88980989	6.27247389	6.39915309	6.74914982	6.34068548	8.16302118	8.92158301	9.17150864
0.55492403	0.56065679	0.64091962	0.58904577	0.51210451	0.45723417	0.46946228	0.52328914
9.76794159	10.5496644	10.7853694	10.7235276	8.69957238	6.88167838	5.97558666	0.68540183
50.7058622	48.7165439	45.3619813	57.4501713	54.1522879	51.3568786	44.0322264	40.2522871
0.05052616	0.0390576	0.05766222	0.06765112	0.07478899	0.06449139	0.06278594	0.06119418
0.15627453	0.18158182	0.22035304	0.13710364	0.11909407	0.09741855	0.1086588	0.10816634
0.53265661	0.52141892	0.61937438	0.77377561	0.69539666	0.91610903	0.84620045	1.13967585
15.0567741	14.0722341	12.6014905	12.7662479	14.0395053	15.2376904	14.449419	13.7071365
0.26351625	0.25326214	0.27756981	0.26863554	0.26367853	0.28073679	0.26694263	0.25950647
0.96784757	1.01818624	1.05088083	1.08824334	1.16736132	1.29368726	1.45131699	1.64179304
0.01313487	0.01274139	0.01123128	0.03173841	0.03497256	0.03281449	0.03883684	0.04394642
0.78178161	1.06087881	1.17139089	1.52321176	1.40348467	1.64825329	1.64010597	1.65824416
0.03897348	0.03684897	0.02588883	0.04103471	0.05573524	0.04208651	0.04624056	0.04682786
90.0185055	99.2277985	108.602444	97.2328621	98.696816	105.307881	95.8221091	98.3770484
0.71479082	0.62422301	0.65285971	2.1004969	2.49459112	2.62062355	2.21212187	2.30284135
2.8255418	4.546166	7.31257207	8.30707543	5.80365013	4.23678211	4.54829301	6.50741744
473.589595	529.454458	577.683239	639.203651	704.106686	780.403894	890.47974	966.372569
0.78756315	0.6984039	0.48702885	0.41167413	0.44959426	0.45970472	0.63325689	0.76354509
0.04812782	0.0449193	0.03850226	0.03529373	0.03529373	0.03208522	0.02566817	0.0288767
0.14321919	0.13359363	0.02557126	0.02557126	0.0222655	0.01905697	0.01594569	0.02216858

0.00320852	0.00320852	0.00320852	0.00320852		0.00641705	0.00320852	0.00320852
0.01605992	0.0156221	0.01373241	0.01206779	0.00891334	0.01423787	0.01505258	0.01322222
7.12483749	7.34433197	7.31345049	7.9492684	8.44812437	9.24369776	9.19297043	8.02201658
0.00887371	0.00838073	0.00589452	0.01034391	0.0127765	0.01021833	0.01003404	0.00964645
0.00894565	0.01143631	0.00970292	0.01429242	0.0183177	0.01717094	0.01685465	0.01907976
0.11026047	0.12980268	0.06368522	0.07010226	0.19407033	0.58745791	0.43432208	0.82138953
10.6230077	11.2351311	11.5996084	11.6156039	10.2679445	8.83602784	9.05583275	10.3121322
0.05945615	0.06699307	0.06698849	0.06254497	0.05952739	0.06309117	0.05839551	0.06908408
1.41796805	1.38391212	1.55728786	1.68864198	1.75439828	2.05213829	2.18921174	2.27984142
53.6983341	53.6507396	56.7259441	66.9810753	65.684864	63.9070283	62.7556256	62.918362
391.060312	393.463343	397.609642	381.477747	377.758458	362.54503	352.425486	352.0216
0.11531135	0.10666432	0.17317726	0.2624487	0.33636423	0.2717239	0.26910168	0.26582732
0.01143804	0.01308775	0.01309163	0.01143018	0.01105163	0.01152614	0.01122449	0.01524567
29.9426907	27.8216716	23.1887869	25.2001769	34.0379984	28.861977	30.4360062	34.5103907
4.18230698	4.07303937	3.71578932	3.2443302	3.61534691	4.34923077	4.00693405	4.90529638
9.43993505	10.401021	10.3946593	10.2249988	10.5944408	11.0301156	11.5284501	12.346545
0.84922117	0.70745763	0.81773122	1.20170462	1.62233664	2.01805956	1.45693716	1.41677927
20.5698678	21.2673994	21.4910053	22.3810928	23.824608	24.5447552	24.3597431	23.2668468
0.09765563	0.09559301	0.09559301	0.09929491	0.14757135	0.25435936	0.3092922	0.30209888
0.02728394	0.0254574	0.01914757	0.0301666	0.03716665	0.0312481	0.02926337	0.028373
59.2929764	49.6341171	65.5567114	65.9439399	66.6028916	75.7990969	65.9064243	67.3522247
25.0869619	23.1462337	20.0502324	28.2491908	25.8390888	19.5503161	14.9272099	15.4703121
0.06394141	0.06600403	0.06600403	0.0653165	0.06050372	0.05775338	0.06737895	0.06096191
17.6176383	17.320572	16.1166222	18.1566779	19.7334749	17.394102	20.4851944	24.9722047
0.28907851	0.28119788	0.29295811	0.28298451	0.25403105	0.28697954	0.32813958	0.29128737
0.00255529	0.00481143	0.00705387	0.00307933	0.00297735	0.00310678	0.00302392	0.00309639
37.3341988	39.3085053	52.1570096	47.0901263	57.2644198	46.4307782	34.378973	33.4075771
0.24978593	0.25299446	0.22780652	0.26638439	0.27704266	0.28429041	0.30075972	0.22411805
221.20952	214.652116	212.302535	219.495704	216.818654	213.683062	190.493982	182.088808
15.1405426	14.4412752	13.2807292	17.1132647	11.0565274	8.81617474	6.11331974	4.52401013
						0.01925113	0.02245965
0.05263193	0.05572798	0.06192009	0.05882404	0.06811188	0.07430398	0.07740003	0.08049609
0.17602553	0.1682926	0.11386987	0.22810962	0.22457562	0.18618119	0.19256817	0.1875032
0.24809795	0.28982107	0.32095111	0.30177471	0.30368988	0.30135728	0.33263114	0.35298794
0.03304522	0.0312453	0.02195088	0.03248085	0.04144007	0.03316516	0.03501383	0.03884141
0.03247042	0.03543744	0.02525207	0.04492975	0.05758367	0.04860059	0.05262987	0.05059691
0.01604261	0.01604261	0.01604261	0.01925113	0.01925113	0.01925113	0.01925113	0.01925113
28.7428818	31.0365219	33.9785332	34.9719091	34.1643707	36.78496	36.8010069	38.0683996
0.0190699	0.02100073	0.02100537	0.02748367	0.02657346	0.02846801	0.0320478	0.03765143
0.21527551	0.21168046	0.17414543	0.16413214	0.21430507	0.82334448	0.85925636	0.94142051
0.09525866	0.11628063	0.13420341	0.14001638	0.14825247	0.12657627	0.16218973	0.16607649
0.45384372	0.45064534	0.36493309	0.3490652	0.34907652	0.33641865	0.33640735	0.38384012
20.7125475	22.2537053	23.787692	25.2943692	28.3054838	30.2811476	31.1250754	23.2720775
0.03529374	0.03850226	0.03529374	0.02245965	0.01604261	0.09499416	0.16363491	0.32455267
6.95069262	11.392964	12.3559526	4.39270075	3.10690323	4.09949915	4.25372693	2.92835118
0.22363255	0.23666078	0.25328551	0.2460922	0.2144922	0.1327198	0.07924261	0.02566817
29.2199562	25.7325072	24.6245607	20.817772	21.6495943	22.2070002	22.3476119	21.985175
16.2035593	17.3168025	17.997656	22.4928039	25.0180663	25.4058512	31.7778882	31.8612031
173.77966	181.939547	201.012718	215.751155	242.135472	261.893643	289.353154	301.616081
10.2069793	10.2179231	10.5378039	10.6751399	11.2423326	11.973309	11.9889614	12.4400123

27.0726624	28.5899812	30.9111427	35.9157675	38.449605	38.7239652	44.9536513	48.7587802
12.4909598	14.5162846	15.7143154	13.799303	12.0248503	26.9062796	43.533595	51.3471708
0.00625277	0.00315671	0.00315671	0.00315671	0.00315671	0.00315671	0.00367309	0.00367309
14.5527263	15.9438358	16.8552785	17.5550054	17.8691164	20.5507424	21.7203766	23.5941735
107.554771	110.084884	118.076842	123.981467	121.233823	120.31801	116.384682	119.163263
2.36608327	2.40555626	3.07383338	1.88018974	1.96060278	3.61007557	4.75042415	4.03593665
3.19099642	2.85524744	2.86855177	2.99598422	3.27386151	3.99948937	4.1350824	4.26244841
298.401765	328.272606	341.813287	389.686092	390.884833	396.164357	378.508757	418.69746
102.970374	102.819338	101.55899	109.681488	108.660831	105.096259	96.4712901	100.061884
0.33000514	0.27088686	0.26777557	0.16626683	0.18814435	0.21925914	0.24745678	0.27312527
3.53365305	3.64458766	3.78083993	3.92262028	3.92739442	2.70976519	1.51784362	1.19190614
0.14989256	0.15622104	0.13732411	0.12067792	0.13712829	0.15187061	0.16056084	0.14103703
0.00651604	0.00633528	0.0055717	0.00489631	0.00527087	0.00577393	0.00610733	0.0053647
0.01130823	0.01281824	0.01282147	0.0111943	0.01443152	0.01505171	0.01814352	0.0216747
35.243562	45.1061437	46.7107311	57.2740755	66.1893213	76.2514914	84.6496855	95.9024527
16.4008294	17.8329783	19.0874011	16.3042981	4.43333847	10.162224	11.5468003	14.1165433
0.08029959	0.07811052	0.077817	0.0703369	0.0893236	0.09873144	0.10947097	0.10224972
3.11147998	2.80033215	2.78166315	2.78166315	3.11147998	2.55619562	3.18926695	3.53080931
0.15200443	0.18725515	0.10709981	0.09398558	0.06906312	0.05778385	0.06250516	0.06009074
7.6191262	8.56538689	8.09244192	8.00220885	8.00220885	8.00220885	8.31820948	10.364934
0.03236165	0.04378612	0.04379043	0.03823301	0.0369668	0.03856161	0.03754498	0.04562152
0.50608017	0.18357144	0.04375482	0.00622296	0.18648882	0.68109945	0.2973375	0.28306501
0.02892284	0.0187414	0.01921252	0.02830006	0.03627044	0.0289713	0.02814458	0.02966823
10.5935314	10.3936413	10.0183135	12.0841637	12.9265542	7.63778944	5.97160182	6.30770394
1.26263191	1.42248244	1.61028061	1.73090232	1.85537816	1.75134767	1.77075086	1.39143336
8.7109011	8.56027713	8.26775068	9.81775535	8.76924022	7.01091698	5.27559467	4.41834049
0.34255857	0.32261884	0.30204622	0.27765843	0.29123662	0.33223664	0.38638093	0.36141042
7.15620927	7.44686976	7.17339018	7.64687793	7.59558564	8.1386203	8.96551276	9.90308205
12.2563813	12.2251868	12.0778686	13.6560205	12.6639685	13.1245434	10.4947109	8.06806636
0.20531999	0.19890367	0.2021122	0.19248735	0.19890367	0.19248735	0.19248735	0.19890367
0.02481418	0.02933623	0.02579542	0.02754313	0.0293416	0.03248512	0.04014021	0.07421898
59.4535299	61.3888042	64.7610554	63.9639249	73.6734023	72.5854571	75.178669	88.6393086
5.15871551	5.05627676	5.02690354	5.62017264	5.66895632	5.66895632	5.89985081	5.92099754
0.07269629	0.03811756	0.05369128	0.07923449	0.10156314	0.08615434	0.08454187	0.08127623
1.42344966	1.59759222	1.77820254	1.7708805	1.6073577	1.54138398	2.11077324	1.81145196
1.64324154	1.48279752	1.44280944	1.27112244	1.29203778	1.32848007	1.55182506	1.74786915
6.45583193	6.92219438	6.55475133	6.61770854	8.24197085	8.00737002	7.21684604	6.63727896
0.46534729	0.47953351	0.48189851	0.11129366	0.12548082	0.0901479	0.05940952	0.02597118
0.11889978	0.14753321	0.11981351	0.15469903	0.20764831	0.56593124	0.56635538	0.54289072
0.1882778	0.24341105	0.33858579	0.32333005	0.25902961	0.29514372	0.39008561	0.39633734
0.22502046	0.30331122	0.34565934	0.43705653	0.48561183	0.4979907	0.52776381	0.59877027
0.07225838	0.07081752	0.0647157	0.08915398	0.14373096	0.29849378	0.29315232	0.29801154
9.24962364	9.97728717	11.8484133	16.0866833	18.9833647	19.3390796	21.7827024	22.8004051
0.31585283	0.33184456	0.22313223	0.33357965	0.06586136	0.03249251	0.21339638	0.23149665
0.39106755	0.34916184	0.33439154	0.42363917	0.48526775	0.4844276	0.54063416	0.47457013
0.13390158	0.13711011	0.11906083	0.22280062	0.21638356	0.19835506	0.21598639	0.20476173
5.99135172	6.30405444	6.05160444	5.69874477	5.03827077	5.42964645	5.73166857	4.95938325
0.61675239	0.51747618	0.35811135	0.50775354	0.54499425	0.7162227	0.67645281	0.77922282
42.0505244	44.4266637	45.6476579	45.5499339	46.4519313	47.3069479	48.352993	51.6771229
0.63272407	0.63155012	0.58665557	0.39358324	0.49668061	0.45041529	0.49318684	0.57726768
0.00681942	0.02045753			0.0274801	0.04465516	0.05496019	0.07213525

3.37224394	3.41160435	3.35884757	3.53819498	3.94856602	5.03520656	4.18814055	3.44433998
3.20742429	3.13448907	3.17858001	3.45390243	3.60780693	4.39706091	4.98126798	5.3042973
10.9274213	12.2758062	14.5130612	15.4769434	17.132968	19.7838573	21.874177	22.0731191
0.66876234	0.37959468	0.41741769	0.45815808	0.73866477	1.08198336	0.94314312	1.02131832
2.49845418	2.65069344	2.65661175	2.56256472	2.24416125	2.85610365	2.6679795	2.50744122
9.88081581	9.72083337	10.4169017	9.20534029	11.6374752	12.1586603	11.313816	13.8139421
0.45774125	0.43813155	0.45752849	0.46236505	0.45891874	0.41944861	0.42927895	0.64248765
0.86163276	0.78084901	0.70471713	0.62733771	0.6597302	0.72589785	0.76744771	0.66423891
250.666323	240.933666	237.774195	222.495165	217.892509	209.03668	194.422895	190.045607
13.3911793	16.6303436	17.8045926	14.52454	14.8427118	15.7048763	16.2984625	16.8453421
16.8715665	17.2838072	18.8889836	15.9803394	14.8177729	13.6800539	11.3883077	11.9667944
8.49485605	8.04356945	15.1954406	15.0569372	15.9106215	18.9320728	17.37667	16.785191
0.05082231	0.06353158	0.00317667	0.00635333	0.00953074	0.00953074	0.01270741	0.00635333
0.35447985	0.33928398	0.30072104	0.24995051	0.26627143	0.27727017	0.29314145	0.20367379
4.61725488	5.42610981	5.9845797	5.21425377	5.39000946	5.25202029	5.77262268	6.31256274
0.16058434	0.1781197	0.13321327	0.2096374	0.31274863	0.26166005	0.32094696	0.32041686
67.2956932	71.7789138	76.4623365	74.0338008	64.0754933	80.6958953	77.1066891	61.4406234
1054.62761	1068.07232	1079.56	1176.51684	1209.70817	1171.15196	1057.62886	981.960238

50.872217	52.9553373	54.9001854	57.9327402	61.2559922	67.3801498	75.2021428	77.0779073
38.7966033	39.3716286	38.8472282	40.4105048	35.7955349	34.2108592	31.4813937	28.7894837
0.47556522	0.54527939	0.43355725	0.49773377	0.56832136	0.49607799	0.87975452	0.6630304
0.81202086	0.85550103	0.88513968	0.84908865	0.83094054	0.92754411	0.94542393	1.00699929
8.17879332	9.72616938	10.1088814	14.422674	14.0750691	15.4117744	19.6155504	20.5283638
0.00059624	0.00060167	0.00062033	0.00213993	0.0012762	0.00117633	0.00113615	0.00133321
0.05128467	0.06044192	0.05315084	0.04670798	0.04975786	0.05508632	0.0582605	0.05117617
0.15810314	0.16610432	0.11169766	0.16698433	0.22659695	0.1309684	0.12851975	0.12816674
0.30356037	0.23851057	0.17210174	0.15012731	0.61761396	0.61401747	0.80409713	1.1623848
0.18065127	0.17081912	0.12333368	0.16449549	0.12615828	0.0931701	0.09636284	0.09264058
0.04650495	0.04975075	0.06032188	0.04953416	0.04496754	0.04349486	0.02419136	0.02528508
0.00554422	0.00524125	0.00368285	0.01033042	0.01400627	0.01120685	0.01099984	0.0129484
0.23522074	0.27942883	0.30405709	0.32222149	0.29069464	0.28468507	0.28855298	0.29237155
15.0549358	14.4415605	14.1418156	13.3389265	13.3521029	13.0356467	14.5477349	12.9325516
0.78168451	4.01621412	4.25349454	6.24951255	5.39219005	5.90717278	5.99560066	5.59357976
11.6004606	9.7658012	8.33414069	8.11991533	10.3535899	9.56359256	9.84434522	10.4521974

0.05281987	0.07414166	0.05417934	0.07160116	0.10386047	0.08258595	0.08351287	0.08028697
3.79854024	4.9066791	5.36874387	6.48019611	6.56380458	6.92692446	7.14383082	8.90638161
0.00293779	0.00313752	0.00313685	0.00273875	0.00264805	0.00276316	0.00268947	0.00275392
0.04261506	0.02400587	0.01854728	0.05736834	0.07230259	0.05786713	0.02715705	0.0284815
0.03850236	0.04812795	0.03850236	0.06737913	0.0962559	0.04171089	0.0641706	0.10588149
15.6329987	18.0130627	20.4528773	28.0034822	34.2217761	37.3324574	40.397175	44.8607417
1.32312777	1.39526012	1.49445951	1.53429012	1.534896	1.69166745	1.28587932	0.7184727
8.68645488	9.16001036	9.81126338	10.072755	9.017514	4.5112815	6.4092006	8.7054858

0.02254652	0.02767977	0.02991972	0.0262929	0.02862553	0.03032334	0.03207705	0.03820693
2.42302779	2.53405137	2.5222872	2.54724816	2.7895536	2.91592614	2.90295021	2.91594897
3.43517589	3.83203095	3.82293198	3.81266469	4.2369084	4.48419033	4.52090952	4.57239123
27.6835105	20.7598081	31.1404908	33.8238486	35.5673007	38.5451951	38.3583186	44.2659985
26.954128	34.7398085	41.9515364	41.5839123	48.2801987	51.6060263	58.8401063	62.9681853
0.24063975	0.24063975	0.24384828	0.25026534	0.25026534	0.25026534	0.30933525	0.40049046

0.00641706	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853
300.908265	302.010393	301.10693	333.159484	304.506057	260.401336	247.261353	207.384544
0.22372918	1.18461922	1.49070227	0.31831211	0.67111696	0.8007731	0.5443974	0.09155034
1700.29716	1781.86898	1878.21264	1900.5838	1929.9068	2021.37786	2079.39092	2108.52123
38.7342259	39.4632893	40.2590987	43.8052232	43.7909679	45.095002	44.2425955	39.0368724
0.00835524	0.010521	0.01709611	0.0156772	0.01443212	0.01815911	0.01465784	0.02730609
17.2385285	17.883924	17.6593981	16.7515085	12.8353719	13.0856849	14.4540261	13.3450106
0.01060863	0.01132814	0.01132746	0.0098899	0.00956236	0.00997648	0.00971192	0.00994466
6.63046476	8.09408934	5.62675515	4.88007031	3.63238341	3.04576575	2.78427955	3.72012103
0.03455827	0.04402465	0.03412733	0.02999047	0.02871124	0.01614764	0.01707665	0.01500017
0.03747314	0.03645158	0.04119723	0.03620337	0.03856733	0.03796765	0.04515774	0.03966667
1.02802653	1.16590215	1.18563858	1.25409702	1.77012921	1.93036749	1.83167358	2.00016699
136.617392	131.262602	137.006228	143.458424	142.994594	145.299786	155.650383	159.442932
0.12533564	0.13702252	0.10866129	0.09312849	0.09146948	0.08913191	0.09229243	0.07073099
6.43307623	6.1444942	6.81870367	6.81614947	8.54934038	8.65221259	7.88992992	8.38955464
0.00088766	0.00081247	0.00090862	0.00090505	0.00105377	0.00109856	0.00119033	0.00129213
0.20637122	0.18759735	0.20194159	0.14707885	0.16000402	0.16919202	0.14836381	0.13099078
0.12955226	0.16811513	0.1531953	0.15598796	0.15998432	0.18435034	0.1339405	0.15568867
1.0805E-05	1.1374E-05	1.1961E-05	1.2515E-05	1.3014E-05	1.3486E-05	1.3914E-05	1.4322E-05
0.6093702	0.61845514	0.66518709	0.59888383	0.38624157	0.16010035	0.17676177	0.19426145
0.00159759	0.00161126	0.0016219	0.00162817	0.00163003	0.02323686	0.04236986	0.03741973
2.21954085	2.11460034	2.25043177	2.44238034	2.69584325	2.81167772	2.91309293	3.34913128
4.44663483	4.3008079	3.73313485	3.27215865	3.50638517	3.69701926	4.04278834	4.41160689
0.93941803	0.86682841	0.78929359	0.69601349	0.71600061	0.20841542	0.12310196	0.08558968
0.00097141	0.00087508	0.00087578	0.00086306	0.00093184	0.00092066	0.00096026	0.0010019
10.2769167	10.6558965	11.5211919	11.1855406	10.8914592	10.7889797	11.3456352	12.2012279
5.3959784	5.74194089	5.70964227	4.79154868	4.65839941	4.58593684	4.44766472	4.56756895
0.98672918	0.5952812	1.026764	0.84611922	0.83915398	0.62245488	0.50114546	0.36096836
0.01315106	0.01410524	0.01448568	0.01344715	0.01401861	0.01393337	0.01619164	0.01648785
6.5318643	7.13811924	7.08910899	7.67455154	7.45452246	7.98525597	8.12610636	9.90604957
0.14174922	0.09783751	0.11888567	0.14008141	0.14850635	0.1697293	0.17449702	0.17448976
0.02301825	0.02362241	0.02335995	0.02200774	0.02322764	0.02305121	0.02350984	0.02432524
1.22947302	1.79998152	2.09213159	1.9257025	1.73183922	2.34220018	2.41445199	2.63053772
7.84902188	8.68857942	8.23987615	7.54258829	6.22090019	4.98299882	4.48804672	5.40869254
1.06151972	1.16116986	1.10729942	1.27683305	1.24023553	1.38884699	1.70886939	1.6756547
0.00646833	0.00585308	0.0061341	0.00609718	0.00633235	0.00598695	0.00625975	0.00648538
0.65070187	0.65012066	0.60124426	0.56086327	0.50852709	0.28648357	0.24490203	0.2298213
5.02690829	5.09402659	5.00122886	4.87955028	4.71693322	4.43974088	3.40668555	3.01562492
0.0015716	0.00149166	0.0015623	0.00161837	0.00171726	0.00166836	0.00170385	0.00171201
0.00144109	0.00132966	0.00145003	0.00123481	0.00128414	0.00116797	0.00125353	0.00125132
0.18333363	0.21412207	0.23233384	0.23732054	0.27666258	0.28099028	0.26864872	0.3314412
26.2138327	27.1403833	28.0473801	27.2015303	27.3761616	26.3244993	28.8271979	28.2991895
0.06985981	0.08602973	0.10350866	0.09751697	0.06731366	0.03472187	0.03133667	0.03538334
0.03914411	0.04141841	0.0433678	0.04383504	0.04314205	0.04715661	0.04921416	0.05269042
0.05753149	0.06107649	0.06310538	0.0638387	0.06581087	0.06898881	0.07309773	0.08546856
0.00653619	0.00666203	0.00804743	0.00822518	0.0502328	0.09099711	0.09306766	0.12441425
0.00812325	0.00822421	0.00818439	0.00737204	0.00766503	0.00763621	0.00785821	0.0080863
25.7862797	26.4745263	26.5431666	24.6497986	23.7488564	23.7023153	25.2406213	27.0025516
3.70382879	3.81869892	4.01701322	3.9483261	3.60504333	3.38366225	3.12542191	3.23458543
1.37353741	1.98691431	2.41839039	2.47874678	2.45781831	2.7132379	2.87224729	2.79224835
201.951116	220.923474	224.074409	231.113836	252.195122	284.857136	314.247176	345.748091



0.32269122	0.34204829	0.34027628	0.25078172	0.25130559	0.25631309	0.252656	0.25315858
0.48919492	0.42289406	0.44572574	0.44989527	0.44395768	0.43716116	0.44387937	0.43516632
0.39691226	0.37241126	0.36378564	0.35821664	0.25351336	0.21206839	0.19267193	0.18713046
0.0245747	0.04486396	0.05974876	0.04626972	0.0507342	0.06013777	0.04726271	0.05599045
7.7612E-05	9.4074E-05	8.8322E-05	0.00010121	8.4303E-05	0.00011347	0.00011789	0.00011865
4.02969707	4.16702534	4.28935509	4.15303412	4.16073571	4.33455781	4.75758605	5.32484571
0.00125641	0.00127065	0.0012578	0.00105926	0.00111829	0.00109974	0.00113361	0.00115553
0.00112089	0.00125597	0.00130828	0.00092745	0.00099594	0.0009712	0.00100073	0.00103563
0.14648434	0.15655031	0.15884947	0.24555978	0.32406883	0.32073149	0.38643721	0.42764981
2.19858841	2.1712574	2.24174484	2.30658024	1.450212	1.06851087	1.04213562	1.04754615
0.00043638	0.00039618	0.00040858	0.00041431	0.00046522	0.0004647	0.00048333	0.00053262
0.44705635	0.44828611	0.52042778	0.69912381	0.66471708	0.67434082	0.73929514	0.77859515
8.42062601	8.58411486	8.1976167	7.6117805	6.17091291	5.77732827	5.38426488	5.8750108
50.2663723	51.876024	52.3894813	47.257532	43.2472981	42.7968899	42.7343929	40.2891712
0.00594349	0.00576662	0.01082797	0.00387813	0.00484271	0.00364215	0.0037916	0.00365649
0.00033585	0.00032493	0.00032428	0.00032042	0.00032892	0.00032766	0.01808454	0.02323952
1.29134189	1.2079541	1.35334396	1.19376059	1.40056927	1.57151961	1.5606865	1.6369475
0.59230441	0.6019752	0.59871626	0.5134027	0.5647876	0.61464574	0.56316345	0.56134382
4.35465997	4.19855851	3.75942456	3.91679078	3.92495709	4.64436099	4.42609246	3.76156317
1.23586188	0.91740183	0.67267014	0.76301821	0.75092639	0.85745264	0.89146922	1.00179677
6.49956284	7.03131239	8.06844946	8.76204553	11.1608814	11.9340934	9.92054416	10.4384871
0.02470223	0.02569946	0.02624295	0.02632199	0.02657909	0.02721764	0.02793224	0.03042956
0.00150934	0.00151979	0.00144967	0.00081587	0.00094682	0.00080958	0.00082227	0.00081786
19.7659536	20.5654614	21.7538817	22.2501071	21.6960526	20.1400008	19.0066981	21.7684257
1.07340857	1.0836106	1.02222256	0.91942785	0.90537305	0.65132833	0.34559782	0.75329944
0.26867297	0.29398675	0.29866299	0.27079091	0.25263311	0.24172938	0.30425095	0.34541876
2.06903523	2.13942357	2.16895762	2.27736393	2.16280137	2.04787226	1.9625324	2.03722199
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3.5966E-05	3.9574E-05	4.6561E-05	3.6322E-05	3.9382E-05	3.9721E-05	4.1904E-05	4.3409E-05
30.9297306	31.302219	30.5046341	30.9329645	31.0891527	29.9268461	28.4855852	28.9249952
9.89E-05	9.9513E-05	9.9793E-05	9.9626E-05	9.9007E-05	9.7902E-05	9.6663E-05	9.5533E-05
0.07561837	0.07138794	0.05314425	0.05334101	0.05364339	0.05321736	0.07113725	0.06677852
21.7976079	21.8669945	20.6253678	19.7429477	19.2087767	17.9705338	17.7106283	19.1517367
1.02261413	1.04774153	1.03825209	0.99086015	0.96102705	0.90862268	0.65689588	0.31486496
0.41025688	0.47851905	0.5577196	0.61417102	0.64568031	0.76961512	0.83928032	0.84901745
0.00067652	0.00067573	0.00067508	0.00067464	5.7054E-05	0.00067455	0.00067476	0.00067502
0.10005348	0.10501128	0.10668811	0.10307572	0.10518489	0.10844607	0.11434953	0.12113971
0.10531884	0.11319308	0.10143254	0.1343034	0.15404471	0.13197645	0.12395126	0.12559134
0.00316454	0.00320601	0.00314098	0.00231536	0.00249706	0.00241372	0.00251902	0.00260019
0.00352405	0.003741	0.00364223	0.00274926	0.00297661	0.00283425	0.00297084	0.00299217
0.00082505	0.00084752	0.00086911	0.00151023	0.00153636	0.0015641	0.00161193	0.00167977
6.77807132	7.16148924	6.90019128	7.2829152	7.07967252	7.0048351	6.71106332	6.68994577
0.00040057	0.00038208	0.00038192	0.00040388	0.00042441	0.00042254	0.00045017	0.00047252
0.00053222	0.00053667	0.00054022	0.0005427	0.00054396	0.00054409	0.00054349	0.00054344
0.66370672	0.48721129	0.51344824	0.49219588	0.48133968	0.37435951	0.54715339	0.59130593
0.00070978	0.00067388	0.0007474	0.00079857	0.0009602	0.00084153	0.00103929	0.00106389
0.00170384	0.00169173	0.00168335	0.00167512	0.00168229	0.00169808	0.00170378	0.00171891
0.99239908	0.9565142	0.96099151	0.82797153	0.76060419	0.74754892	0.79788888	0.90161018
0.17922814	0.1306929	0.15402254	0.15557292	0.18708253	0.18022264	0.16925281	0.16922205
4.3300241	4.18541656	3.97064584	4.19392377	2.9491027	2.06036195	1.92081074	2.11289962
0.24059071	0.24548631	0.22660762	0.20725306	0.22017059	0.22156553	0.22589206	0.22502092

5.8397335	5.48315031	5.44127592	4.72087129	3.30729597	2.71777579	3.07105736	3.55500975
12.0287692	12.1546443	14.3841884	15.3786022	15.352416	14.4118637	17.9056103	20.9217607
32.8241704	36.6094332	39.2889728	41.4144136	44.9794356	43.9769707	46.6664312	50.0048411
1.68659399	1.8751165	1.75825222	1.91189037	1.83728794	1.69783221	1.6480775	1.94967986
7.79641719	7.25040215	7.71726554	9.01222271	8.84610857	9.64056467	10.4779497	10.3631734
5.36158204	5.59982227	7.58859518	7.35069253	2.66678289	1.80847876	7.10146572	7.69945828
0.42794407	0.46249081	0.46901827	0.43794164	0.42003618	0.39864658	0.45577416	0.45668929
1.61385208	1.74137852	1.762543	2.33548145	2.4918832	2.79613942	3.02638805	3.1588339
30.1540629	31.0373735	30.9065444	30.0199258	29.2978348	29.520921	26.9831186	26.7956235
0.19675427	0.22412321	0.24081702	0.26583328	0.25575054	0.35654003	0.31490922	0.33745703
1.25600504	0.90142457	0.9761896	0.87909285	0.84496788	1.30258048	1.65184659	1.61584916
71.4164934	76.9628053	79.5631743	81.2759132	81.8141387	79.9498238	79.4489501	83.5465221
11.6617751	11.6884575	11.7050738	9.30283442	8.49404228	7.52579595	5.67319879	3.5329021
0.78424323	0.76476697	0.81721649	0.88416723	0.84755057	0.91426731	0.85896062	0.85760177
0.67778028	0.69790253	0.720214	0.70149029	0.65797496	0.5378547	0.34201086	0.22927952
0.01761379	0.01831615	0.01888649	0.01962939	0.02048472	0.02125728	0.02200216	0.02262644
0.00017015	0.0001809	0.00018252	0.00019132	0.0001978	0.00020204	0.00020641	0.00021215
0.00019486	0.00018447	0.00018397	0.00018023	0.00020153	0.00019808	0.00021621	0.00022941
18.1056204	20.3531272	21.9007808	25.612308	31.3085405	37.2280791	37.4013712	41.1717651
2.50223962	2.36603072	2.90601911	1.90513677	1.0335361	1.47842788	2.01133185	2.38280456
0.00888467	0.00919303	0.0094686	0.01329156	0.01371905	0.01406195	0.01438972	0.01626998
0.45865437	0.45868754	0.45866994	0.45868377	0.45161168	1.05074452	1.23581375	1.38454955
0.05349739	0.0701129	0.04787137	0.02752809	0.00667589	0.00890349	0.00892216	0.00911046
3.11642329	2.79861272	2.77802934	2.78159978	2.67317957	2.66523219	2.65241296	3.22353224
0.00063984	0.00064211	0.00065228	0.00064964	0.00068445	0.00068277	0.00070286	0.0007372
0.34600552	0.35293895	0.33505464	0.3291001	0.35284679	0.32262978	0.28051242	0.52056465
0.00494754	0.00459051	0.00488353	0.00413307	0.00412538	0.0040626	0.00413472	0.00419633
2.77216207	2.78706212	2.76096076	2.70224669	2.55121616	1.59179306	0.72563526	1.16465998
0.79672435	0.88711349	0.92635505	0.96578483	0.91862749	0.90255066	0.83709127	0.87330321
1.36558644	1.38881912	1.34852272	0.71865663	0.61789305	0.31114956	0.16704615	0.23268203
0.00494595	0.00527199	0.00524771	0.00560417	0.00542448	0.00687351	0.00677927	0.00678308
1.79063835	1.9490166	2.14817143	2.46268885	2.64379142	2.81489391	2.78271881	2.82114957
1.26185357	1.31897672	1.25664001	1.22316537	0.99054576	0.41621978	0.13210563	0.09724083
0.04467069	0.04047626	0.03720419	0.04125971	0.04234093	0.04291563	0.04681838	0.05842541
0.00051886	0.00058058	0.00058421	0.00065197	0.0006832	0.00070784	0.00076607	0.00104359
23.383525	25.5818251	25.7118492	26.6270871	26.9944524	27.3446797	26.9307762	28.7837034
2.13806087	2.42172526	2.6517258	2.56547094	1.48702669	0.42821068	0.36180144	0.3427932
0.0325365	0.03291726	0.02370058	0.02385376	0.02705664	0.02953289	0.0288964	0.02952407
0.00962199	0.0090428	0.00907753	0.0069377	0.0070223	0.00641403	0.00641184	0.00787396
0.28914988	0.27022679	0.40202785	0.3929959	0.32145502	0.33611354	0.30323915	0.43632594
0.31410148	0.30094874	0.29756341	0.29925334	0.15881754	0.12104797	0.08717346	0.09697327
0.06954895	0.06535089	0.07171163	0.07654269	0.07048805	0.07578607	0.07024247	0.07233678
0.04705208	0.04599917	0.04968491	0.0478356	0.05212202	0.06198438	0.05760644	0.16844695
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9.97512377	11.9242191	11.9950842	12.2367625	12.5789129	11.8669516	11.2300201	12.2262921
6.70834723	7.99445523	7.13386315	6.61744366	6.3535189	6.23349138	6.57248871	6.79908703
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1.2734244	1.25751615	1.54267375	1.78736237	2.0595267	1.78953326	2.17805485	2.5428439
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6.19139243	6.4533685	6.45308858	6.66102513	6.77989222	6.97083598	7.73891043	7.68886182
0.16685044	0.08477983	0.09263502	0.15479959	0.14093716	0.21493325	0.27538977	0.29688293
1.46903811	1.4257909	1.17098072	1.27103699	1.30432256	1.29119039	1.42431477	1.52277649
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0.01113453	0.01198091	0.01198172	0.01290574	0.01346316	0.0139014	0.01436838	0.01456693
19.7095595	20.3813607	19.5449665	15.6629237	13.7071146	13.0103073	12.3416325	12.9947809
0.52857639	0.55715888	0.59881456	0.61807927	0.60979893	0.58997038	0.59774683	0.61703319
6.48020065	8.00330394	10.2476183	10.0046396	10.2116679	10.7863532	10.985249	11.2714544
4.55178065	4.49629845	4.80737896	5.48115442	5.29378428	4.91824902	4.9069183	4.90918923
0.20309641	0.20328962	0.2181944	0.2510355	0.24654935	0.29989686	0.30410602	0.32151738
0.00283401	0.00321216	0.00313469	0.00336554	0.00355346	0.00357765	0.00369785	0.00338526
1.82748834	1.88175953	1.94982345	1.9348289	1.79145381	2.12508126	1.91835056	2.27412388
0.14031466	0.15127881	0.14832912	0.14808147	0.15462095	0.15071039	0.14307127	0.14097398
19.6747983	19.9304035	18.6872716	14.8770288	10.3909988	9.75229172	9.33059421	8.85854896
125.387967	125.356591	123.934524	116.172912	112.486408	97.4519786	82.7499078	69.4350036
0.04025288	0.03810311	0.04564385	0.04206893	0.04148407	0.04062312	0.03948741	0.01753531
11.5858098	12.5231333	12.2414757	14.0111287	12.9755483	14.7012857	16.4991952	17.7414805
3.34939258	3.23544141	3.01128234	3.22650536	2.69609384	2.11367456	1.226758	1.59777513
0.14685733	0.11813271	0.13621192	0.14498386	0.14622126	0.18231438	0.18382471	0.18600714
0.17835556	0.19121649	0.19048571	0.22414872	0.23744071	0.28008006	0.27515657	0.27508795
2.34277483	2.35309035	2.27892465	2.59027056	2.90691821	2.68585867	3.20020041	3.55257054
8.4146E-06	8.4023E-06	8.3589E-06	8.3152E-06	8.2462E-06	8.1709E-06	8.0766E-06	8.0015E-06
0.00082546	0.00094092	0.00093767	0.00100686	0.00105553	0.00109359	0.00113195	0.00115662
0.0261061	0.02356292	0.01941669	0.0149897	0.01584219	0.01473	0.0149502	0.01514189
0.22859514	0.11354483	0.17014379	0.29639427	0.31822618	0.34334586	0.29758521	0.40299292
0.04417675	0.02568083	0.0253417	0.02018084	0.01963083	0.0187344	0.01887903	0.01888138
0.00020045	0.00015358	0.00018497	0.00016023	0.00018363	0.00016075	0.00010497	0.00010803
0.00048046	0.0004785	0.00045892	0.00036376	0.00041344	0.00036735	0.00037764	0.00039561
0.022212	0.03279283	0.07171842	0.07772674	0.06427207	0.06300762	0.05928923	0.05771132
5.20568223	5.23717807	5.3259675	4.61498708	3.58619633	3.35233927	3.27301371	3.60326595
1.38340556	1.50701758	1.48103619	1.38098955	1.09736495	0.80179982	0.6679316	0.82390107
3.10321897	3.73831489	3.540754	3.43701195	3.15259337	3.13642144	3.13926288	3.40990569
0.00183326	0.00192348	0.00201973	0.00209447	0.00215788	0.00207689	0.00214954	0.00215785
0.00251748	0.00351897	0.00328613	0.000988	0.00137183	0.00098754	0.00104981	0.00098769
2.1881328	1.87546477	2.29752901	1.78195916	1.59190163	1.92775174	2.05322351	2.28319318
2.718E-05	2.4738E-05	2.5467E-05	2.5463E-05	2.835E-05	2.8828E-05	3.0877E-05	3.2215E-05
0.01488842	0.01458034	0.01505368	0.02307172	0.02378669	0.02379949	0.02390818	0.02467308
0.16997129	0.17252456	0.17606836	0.17946457	0.17413565	0.15780351	0.15761476	0.15825238
7.20599421	8.03962547	9.71797188	11.5613363	12.3947596	13.7131043	16.1201328	18.5390713
1.2301557	1.24584892	1.23336618	1.15458754	1.32079192	0.93819551	0.65980276	0.54299133
0.67026117	0.69293078	0.65969607	0.66267473	0.58312567	0.62516972	0.65158842	0.50065329
0.00153679	0.00156951	0.00160742	0.00165276	0.00170831	0.00177565	0.00183935	0.00188277
0.00028887	0.00033695	0.00035191	0.00038003	0.00040012	0.00040238	0.00041199	0.00048127
3.17261177	3.705506	4.16484037	4.14845715	4.45045227	4.38628591	4.45055727	5.71666868

1.94494464	2.09882154	2.25136329	2.37799716	2.33267642	2.28651681	2.41470065	2.45635554
12.8168824	13.1244528	14.3524943	21.8604292	17.9795832	18.4431474	18.9659483	19.7242002
10.1530476	10.7883571	11.1665	11.2986072	11.7552758	11.8358881	12.1685243	13.070966
0.27517893	0.31597743	0.31628049	0.34477114	0.49755831	0.35370741	0.38432842	0.27595147
0.04352553	0.04439328	0.04742676	0.05422324	0.05564001	0.06166753	0.06906796	0.06742177
53.0893755	54.409153	52.6859966	51.5575662	44.7697629	43.3745634	33.6726312	28.3094982
0.19929589	0.20420199	0.21612216	0.21585581	0.20835368	0.24419716	0.26433213	0.30651819
122.662984	127.976787	122.426913	139.207514	133.426305	140.140767	144.030203	150.135872
7.33517251	7.41119913	7.47757771	7.22545406	6.87046147	6.42391362	5.61093519	4.74569186
0.00041073	0.00041015	0.00043196	0.00043221	0.00044244	0.00045121	0.00044673	0.00049479
5.55966503	5.83975544	5.80961109	6.23294595	6.05125513	6.13749273	6.5335735	6.03978859
0.00014846	0.00014257	0.00014745	0.00014863	0.00015896	0.00015947	0.00016499	0.00016795
1.79348109	1.84769354	1.79957172	2.22740223	2.52921722	2.9949789	3.27727833	3.67060256
0.00044961	0.00053537	0.00050669	0.0005508	0.00056169	0.00048926	0.00050816	0.00052252
0.00050047	0.00053948	0.00056946	0.00060992	0.0006346	0.00062284	0.00066739	0.00067322
0.72546487	0.74278569	0.70754815	0.76759445	0.70875643	0.75318469	0.83265737	0.77980739
9.73826299	10.136139	10.3607351	9.84466163	9.28451423	8.95822219	9.67551903	11.1703062
0.47186513	0.43968561	0.4701454	0.4202284	0.36042516	0.35124178	0.36870471	0.30715359
0.86078343	0.92048293	0.85642207	0.89459192	0.92447279	0.88210552	0.75015126	0.77350142
0.01865691	0.02013688	0.0296114	0.06126899	0.07107922	0.07993019	0.0821729	0.09431488
0.67774715	0.64577194	0.60982046	0.94635736	0.9182378	0.56198829	0.56014087	0.55105053
1.04199671	1.24288745	1.30395332	1.01653618	1.25738385	1.18700402	1.211945	1.54096896
0.0045862	0.00467369	0.00498629	0.00493535	0.0063804	0.0067219	0.00816166	0.01126986
262.332518	277.172844	291.117427	260.688596	253.692711	262.158558	267.306589	281.060408
1.04566048	1.15238258	0.95723378	0.70941753	0.53669831	0.4093499	0.5072911	0.63547958
0.95548248	0.9940887	0.90880873	0.89597464	0.99543912	1.07565247	0.84579323	1.13610699
10.1371868	10.4772548	10.8177383	11.2891362	11.6185639	11.8060333	12.6035705	12.4848549
28.9874133	27.477404	27.5606107	28.3436754	29.9655556	32.0013047	34.2761025	33.7870875
1.88659613	1.90832925	1.96069729	2.96187465	2.89673986	1.8295201	1.18918812	0.15855828
0.02120591	0.02225822	0.02425286	0.04988583	0.05159828	0.05273877	0.05267703	0.05796495
57.1846245	59.3872199	61.2213792	62.0290361	60.5851446	62.0802063	63.1851184	64.8301083
11.6902887	12.469652	12.9633504	13.6316767	15.0539048	15.0788656	15.2299427	15.2851029
4.84479554	4.94728906	5.09799208	6.20336879	4.76430292	3.99875668	3.69026213	3.23843306
0.03345736	0.06671542	0.07521193	0.08669487	0.1238901	0.0995137	0.11108181	0.1152296
18.4592249	19.9485661	20.3934522	20.205594	20.3902307	21.2032275	21.7311242	22.310023
0.27809102	0.2712584	0.1933309	0.1651814	0.13051089	0.11767681	0.11767681	0.12088533
0.10884892	0.1468665	0.12767872	0.14110703	0.20088392	0.17625621	0.18630404	0.20370162
1.4181459	1.50373748	1.64273114	1.66788009	1.84654424	2.1243355	2.18021893	2.22676892
3.71392552	6.85285473	7.25972801	6.44120939	3.47647745	3.80836847	4.31134489	3.93553205
0.83424933	0.88113041	0.92790781	0.9908321	1.00614752	1.11647184	1.15662456	1.17814938
0.12793313	0.12704253	0.15826542	0.33079906	0.30765115	0.26908421	0.28349577	0.31756674
2.47172379	2.71043877	2.50053854	2.19109849	1.86175818	1.06251827	0.84829534	0.96620668
11.3762611	11.4362633	11.6846776	11.4763435	12.2503545	11.3167392	9.46308828	6.72760517
0.01164839	0.00885029	0.01423881	0.03799183	0.04493012	0.03795345	0.03791476	0.03713671
0.0360278	0.0411457	0.05441285	0.0769953	0.07154678	0.05733122	0.06561616	0.06564255
2.01288925	2.03547235	2.16919124	2.25701192	2.37249355	2.34156439	2.70416757	2.81130754
76.2123333	76.318682	79.6341465	82.1753608	85.9714181	86.6138185	90.0769938	94.2098043
0.06075148	0.05738816	0.06854167	0.14297907	0.14997475	0.15695439	0.15272345	0.15004014
0.48733683	0.51890249	0.53152894	0.55336508	0.59724557	0.65427176	0.68242156	0.72298988
0.01199111	0.01198272	0.01118865	0.03735652	0.03857184	0.04218462	0.0420532	0.05279099
0.42107126	0.45563781	0.53118794	0.6479299	0.7072922	0.81082545	0.79681724	0.76804422

0.04835162	0.06109302	0.05964238	0.07028674	0.092935	0.07694721	0.08445361	0.08868463
118.67049	126.235349	128.305324	124.665119	120.950852	125.20504	127.181798	133.421049
12.6010048	13.2982574	13.6236146	14.5063221	14.9481494	15.2921585	14.2688698	14.6168286
6.78468388	7.73736124	8.2939473	9.08411902	9.48326954	10.2897097	11.4089361	12.333751
98.7101665	104.720857	108.520101	94.1525386	100.621425	111.102386	125.701598	116.350411
1.09011561	1.10316952	1.23534272	1.19166315	1.18038772	1.13568954	1.10103251	1.09431092
1.6662493	1.86477485	1.83259752	1.75487767	1.56858704	1.57002956	1.68831742	1.76128255
0.56504451	0.57435846	0.57435846	0.56722639	0.48019259	0.43962398	0.44262486	0.45152323
0.57856745	0.54285813	0.51750157	0.5140854	0.54253493	0.47227034	0.47229012	0.29065054
0.01466145	0.01469191	0.01368028	0.02091709	0.01497432	0.0236249	0.02354691	0.02491003
14.6488017	15.8694073	16.2108408	16.34998	17.0881699	18.0051035	18.2722766	17.0360118
0.01100898	0.01389467	0.01357972	0.01771768	0.021304	0.01868228	0.01832613	0.01826886
0.01109824	0.01896061	0.02235347	0.02448091	0.03054362	0.03139381	0.03078329	0.03613407
1.38467405	1.56300146	1.67718889	1.58742259	1.64889218	2.39187928	2.46929998	2.5942247
5.59158034	5.86170879	5.67934231	5.07417423	3.72441864	2.59662718	1.94729007	1.89388201
0.01370712	0.01518036	0.0165418	0.03512429	0.03576158	0.03712941	0.0352635	0.04192482
0.91617024	0.95961115	1.03146245	1.16614253	1.16199637	1.30829231	1.32782119	1.38048029
6.46112758	6.54602318	6.86656667	6.94931405	6.17462914	7.92119775	7.96475983	8.54304412
141.567831	146.508132	149.967232	158.604111	161.476571	164.061126	168.672101	166.036529
0.14305858	0.17684201	0.39896362	0.44953799	0.56086618	0.4967957	0.4914865	0.50343532
0.00263695	0.00296563	0.00323278	0.00641901	0.00663936	0.00678318	0.00677817	0.00925209
11.0467612	11.0525943	11.3570309	10.1865941	10.7487197	10.8078008	10.9743376	11.3945948
2.63085155	2.30192726	3.09741761	2.31132163	2.27993972	2.45478605	2.65891952	3.15218232
12.6655017	12.7079278	12.9294519	15.8086224	16.8802858	16.8012039	16.9609144	15.5212158
5.73345729	6.92831194	6.70392421	7.82576715	8.01452939	8.13367903	8.160263	8.67644382
12.8572046	13.8953104	14.9218818	16.1498734	16.9010517	17.5664085	18.2768476	20.0233082
0.12529006	0.13109805	0.13613467	0.13279149	0.13356279	0.11488386	0.21072424	0.28752111
0.05497667	0.06206263	0.06010434	0.07633899	0.09315774	0.08369388	0.07869606	0.07794731
47.9279355	56.9523846	60.3472545	63.2138457	65.8313054	69.3806968	68.390526	70.7090623
2.4746534	2.45273072	2.49254843	2.39517836	2.17011526	1.12893154	1.26846797	1.56279252
0.74243023	0.77181259	0.79565264	0.79495613	0.80049791	0.7261363	0.87523584	0.97643436
10.8020906	10.9469677	11.558517	11.7163194	11.400153	11.3527363	11.1221288	11.5645532
0.26390615	0.2644543	0.29184601	0.47412065	0.41005171	0.464623	0.49448503	0.53141396
0.0005891	0.00109025	0.00174185	0.00172931	0.00178867	0.00182835	0.00182606	0.00187909
100.381573	106.500274	109.182776	113.227281	116.846609	119.355252	120.484498	121.377195
0.31463181	0.3427813	0.4119144	0.3231146	0.39380604	0.36865713	0.39442926	0.31421622
106.448791	113.372024	118.666227	114.971293	114.361168	115.826663	117.001644	117.378917
4.3529058	4.2744578	4.33263573	3.71819252	2.80262614	2.3250185	1.99566111	1.47465625
1.38298768	1.45429049	1.63798367	1.61573165	1.49971717	1.78949951	1.80212595	1.87768856
0.07490012	0.08709695	0.07447042	0.08394055	0.134447	0.16558379	0.16558379	0.20662041
0.21838234	0.27901739	0.26233201	0.39071994	0.37446571	0.34039705	0.35170593	0.3551017
0.05719692	0.06567227	0.07925403	0.16947205	0.18244428	0.17735001	0.20086709	0.21421662
0.04099686	0.05180253	0.05057017	0.05563516	0.06909871	0.06063621	0.06394916	0.07355954
0.04028374	0.05875281	0.05817542	0.07695838	0.09601715	0.08885697	0.09612304	0.09582262
0.0124185	0.0124185	0.0124185	0.01262644	0.01262644	0.01262644	0.01583497	0.015731
12.2997821	13.4199805	14.1924162	15.0625774	15.8769064	16.2821001	16.4914673	16.5871287
0.00439641	0.00475868	0.00518696	0.01543441	0.01596423	0.01675354	0.01935281	0.0228494
1.4209704	1.54785719	1.5869711	1.70660937	1.78725047	1.87314151	2.05714628	2.18620277
0.02196109	0.02634872	0.03313951	0.07863105	0.08906393	0.07449066	0.09794206	0.10078629
0.23460033	0.26249051	0.25979781	0.25967987	0.23823655	0.23143586	0.23460033	0.4063475

3.46295825	4.21684714	4.10288624	4.58734178	5.58883914	6.35948118	7.14930339	7.86945659
0.93694637	0.99138756	1.08639677	1.04510127	1.03506012	1.16401294	1.31863335	1.53669758
3.30479604	3.67537118	3.52358681	3.56620218	2.84662865	2.69150662	2.82506671	3.02108428
0.34132692	0.37310053	0.40777075	0.4269182	0.39845709	0.4082903	0.37993315	0.11384506
8.4712754	8.50758074	8.84095913	8.40359598	7.35256448	7.11429947	7.0962759	6.91703105
24.4607815	26.509526	28.827215	32.1979947	35.8506464	37.9134183	40.488279	45.3530076
56.7710887	58.9535731	64.4544112	64.384025	66.9293743	68.5466009	68.5507967	70.8109987
4.24721552	4.36119541	4.64996819	4.8855699	5.07118973	5.44335815	5.4829213	5.70140283
34.8742236	34.8249411	36.8238023	39.1511803	42.319872	44.153272	49.8134439	56.7518662
17.2647587	18.2158533	20.8053113	21.7687692	18.3520662	23.2784045	24.5108957	24.7922075
0.5764407	0.59452096	0.59772398	0.62824118	0.63725634	0.63455131	0.63163931	0.65956635
5.72932888	5.94934242	6.08231059	8.03399589	8.29707093	9.0691478	9.54315505	10.2596479
87.9184308	90.8149024	94.1782691	96.0715361	97.9337449	102.962193	104.852259	104.611912
0.88732993	0.94732594	0.98779027	1.08432386	1.02828865	1.07302612	1.16109873	1.16730813
2.90216801	2.95940185	2.97185172	2.72907246	2.52972829	2.66971536	2.75012329	2.75040879
170.902434	179.974462	192.806417	211.962338	222.329885	227.018776	232.118544	244.242359
11.6898218	11.8346886	12.0881757	14.4209039	18.0891418	15.82785	13.1879895	9.04920316
2.55175368	2.49270421	2.64449519	2.69261558	2.75835656	2.55776634	2.38075123	2.31702727
3.83494058	3.87911816	3.98556823	6.0206915	4.65735008	2.70833382	1.57740336	0.50034108
0.13684022	0.14691906	0.13680282	0.20917087	0.23037422	0.25199892	0.251167	0.26570698
0.00594864	0.00595806	0.00555055	0.00848676	0.00885501	0.00958068	0.00955376	0.01010683
0.00260702	0.00290456	0.00316607	0.00628655	0.00866986	0.00885799	0.01095639	0.01315365
26.9139429	30.7888561	35.0887544	43.737689	49.0373119	54.5182873	61.4973189	64.5718388
9.26681527	11.0538387	13.5774973	2.84120925	1.89807782	4.5390002	4.7823848	5.04348621
0.07330726	0.07345953	0.0775216	0.11853016	0.14398389	0.15749932	0.15697938	0.1743702
2.11115508	1.4871226	1.86278409	1.86278409	2.32847997	3.23193015	3.76912553	3.54012002
0.18858106	0.31045597	0.24673522	0.16098418	0.11515841	0.10564682	0.11415924	0.11380245
5.91414038	5.9985892	6.15900341	6.18694527	6.23403429	6.3256587	7.44010071	8.83663781
0.00746071	0.00992176	0.01081338	0.02147107	0.02220812	0.02269367	0.02267242	0.02768618
2.50831106	2.53240373	2.40308975	2.4957723	2.51363756	2.79835746	2.99342334	3.48395592
0.03588251	0.03107193	0.04426156	0.04847406	0.06047867	0.05296854	0.05140318	0.05618698
3.90610899	3.95272602	4.04988124	5.50831502	6.08024238	4.01145832	3.0646015	2.40244162
1.80051234	1.88879136	2.20568254	2.62516794	3.14785716	3.4373822	3.46870308	3.5200705
2.65220768	2.69170215	2.75081884	3.0595844	2.79389011	2.44837302	2.27586962	2.1050371
0.31272927	0.30340891	0.30089963	0.47911007	0.48923493	0.55124763	0.60437059	0.68087413
2.89578387	3.03177675	3.47072202	3.89407569	4.32681168	4.79369871	5.22022542	5.64054285
1.61700631	1.64167984	1.69052215	2.41614362	2.27261453	2.2011	1.42546261	1.31065493
0.47816303	0.43945097	0.43070796	0.53235464	0.59031491	0.5965972	0.61522696	0.69742525
0.02265341	0.02758944	0.0256975	0.04774046	0.0492936	0.05390257	0.06279175	0.13982498
71.9603788	73.2906871	80.6225348	83.4901559	89.389684	89.6850062	91.7548146	97.4204356
0.75485395	0.84146486	0.79998231	0.76555062	0.77164902	0.77164902	1.4515533	0.9314298
0.0901891	0.06319626	0.1236933	0.13571762	0.16935014	0.1575169	0.15440702	0.15392445
0.4512681	0.4507308	0.4507308	0.4507308	0.50733576	0.52595334	0.59378796	0.59378796
1.2446732	1.2632597	1.24908509	1.34394683	1.25505824	1.03807838	1.58792646	1.82542081
1.3348236	2.10009253	1.49629533	1.54216265	0.98928925	0.88916032	0.98529881	0.6701542
0.1086624	0.11176704	0.11797632	0.60867363	0.49947972	0.68661336	0.8501445	0.69582339
0.14682693	0.24364899	0.27440603	0.26468125	0.34595484	1.01199123	1.01453635	1.01136559
0.04340588	0.05515595	0.08360865	0.18157719	0.15561424	0.17369331	0.23556231	0.24052392
0.34514472	0.37379408	0.41773923	0.44296654	0.45238435	0.50297397	0.54106077	0.54985524
0.08124546	0.10217538	0.12821885	0.14882438	0.2358783	0.20699821	0.19419624	0.20676808
10.383438	11.3557634	12.475542	14.5568828	15.6665735	16.7485236	17.4329094	19.2515561

0.39185611	0.55017513	0.51404928	0.57137539	0.47716318	0.51001486	0.52898068	0.57104835
0.35701419	0.32837144	0.33312216	0.53770092	0.58789629	0.67685727	0.67464241	0.68878722
0.38704376	0.3996701	0.42533834	0.21216648	0.19954014	0.19301919	0.2084385	0.20823072
12.806201	14.0502869	14.1351585	11.7601812	15.335355	18.7137079	16.071471	12.9023876
0.94630343	0.84840716	0.71959974	0.74474853	0.80774498	0.92445532	0.95043523	1.01222842
23.4966049	24.4693862	25.5789507	27.0501871	27.5359415	29.0221513	29.881851	29.3147379
10.2035515	10.3732446	10.5573557	10.032958	10.1506469	10.4046701	11.0064297	10.8415835
0.236435	0.22989516	0.25049176	0.33858213	0.40308517	0.43690196	0.48108585	0.55567788
7.74678216	8.2624878	8.76946828	8.66198705	8.65712184	9.04477489	9.43677066	10.102872
1.24806528	1.2884256	1.35983232	1.68294678	1.80361218	1.95036138	2.0788983	2.11056804
12.0418588	12.924144	13.4552794	13.7860753	14.2961092	16.111962	18.4154661	19.4703729
1.22184606	1.17000219	1.20508824	1.27442922	1.33135164	1.43173902	1.54144032	1.64814087
7.1775782	7.33322084	6.72745391	7.13693817	6.3786579	6.89662813	7.05419048	8.00125463
10.8553039	11.3396815	11.9897007	13.7610318	13.012276	15.086956	17.1082586	17.9957781
0.7641181	0.73138317	0.76376293	0.77183672	0.76608371	0.70019531	0.71660531	1.07251955
0.78660355	0.73435434	0.70204197	1.08736363	1.10834045	1.20448236	1.20052646	1.24511453
25.2169707	24.0735379	23.8227007	20.2285383	21.0903132	21.4698941	20.891205	21.5389446
1.19428684	1.28289145	1.33261914	1.83306501	1.89598962	1.93805167	1.93562829	1.9918387
4.96155235	5.17278397	5.35596976	5.59835116	4.28096486	3.4882983	3.13134434	2.11409285
7.77663262	8.54394658	9.06649964	9.68840434	10.3478915	11.2589796	11.8226698	12.4286333
1.33912194	1.50274882	1.55958355	1.62126554	1.52553596	1.82675769	2.27635852	2.5661763
0.32361247	0.31908175	0.29957948	0.4332389	0.44733346	0.46007442	0.45856423	0.3837116
1.26229821	1.36599801	1.58653134	1.4733219	1.48574046	1.58354265	1.67492778	1.78318668
0.19922555	0.29531004	0.30689509	0.3590796	0.52148866	0.47839585	0.58617656	0.60681936
5.5525932	5.18364	10.5990445	11.7339909	10.284534	10.423507	8.34679944	8.85912808
220.917126	224.692347	229.566691	298.759605	293.100322	280.697515	235.616698	207.055081
0.29183618	0.36082548	0.35493636	0.3524997	0.32919749	0.33803046	0.35056949	0.36630593
45.4311706	47.6977935	45.0551309	49.4036032	51.4712778	54.52988	57.43544	61.2372575
5.17006643	5.64847452	5.17492874	4.46975046	3.1922433	2.26265382	2.69942814	2.6247429
2.01655676	3.19021805	2.8205223	3.96286173	3.13144979	3.12108492	2.04998054	2.97898679
322.262964	337.891126	337.800914	371.259561	386.019304	414.910805	402.124812	414.447092
0.64881411	0.5431404	0.68793981	0.72975459	0.74931744	0.78792369	0.75656562	0.74383539
3.58034286	3.49732458	4.07278218	4.06689663	4.93018692	4.75949943	4.72192002	5.13684723
0.00292918	0.00385568	0.00385542	0.00489166	0.00278712	0.00258378	0.00380281	0.00398039
0.04681891	0.05684298	0.05294908	0.08095889	0.08359273	0.09140473	0.09113752	0.09641344
0.19614731	0.27538938	0.2573277	0.28602086	0.37783615	0.23945093	0.23472809	0.24272774
1.05254525	1.13171948	1.1857454	1.26616609	1.38094598	1.59817906	1.74659066	1.85991586
0.22412117	0.28320619	0.2841346	0.28175781	0.21036099	0.17034388	0.17599681	0.17544676
0.01072133	0.01127332	0.01489558	0.02781763	0.02701463	0.02559691	0.01460852	0.01534467
0.00687832	0.00868962	0.0084845	0.01769457	0.02335457	0.0204896	0.02009007	0.02452224
0.05422819	0.06331743	0.07508231	0.18095464	0.17463728	0.16753835	0.17424946	0.17743055
3.57779619	3.71259657	3.77105328	4.0870422	3.39088446	3.54955032	2.93711796	3.35520756
2.62289495	2.92524728	2.78342601	2.6224461	2.4781207	2.55556747	3.08671713	3.44686232
19.6917313	20.7836808	21.3311329	19.8567952	19.5586199	20.3440563	19.4351073	20.147175
0.36106838	0.38369675	0.41526271	0.45051721	0.45683029	0.44000205	0.44321057	0.45262819
0.06552985	0.1229217	0.12481769	0.12264279	0.1731808	0.15099277	0.15252765	0.15205095
5.60038101	5.5472784	6.73272402	7.24324761	7.60186368	7.15077999	7.50494085	7.52626983
0.00067728	0.00071095	0.0007746	0.00153804	0.00159084	0.00162613	0.0016241	0.00167126
0.05286947	0.03980006	0.042729	0.09826396	0.12056002	0.10579908	0.04959955	0.0539395
0.44700045	0.41801979	0.42764538	0.4263987	0.32176389	0.27063519	0.16703928	0.3241413
17.9483943	20.5821124	24.6499548	28.0010481	28.7477959	30.5219276	35.9085448	39.937554

0.46613254	0.47150227	0.48444115	0.731808	0.731808	0.365904	0.2927232	0.1951488
2.63149244	2.66180658	2.73485141	9.82210815	8.79572043	6.87701979	7.09188048	4.25072844
0.02058321	0.02603161	0.02980614	0.04557345	0.04809062	0.05031552	0.05017846	0.07198002
1.72084166	1.33706441	1.30605221	1.34537085	1.41899346	1.35602837	1.21860122	1.28299863
2.20038233	2.27412959	2.37876371	2.49125107	2.56100692	2.63655579	2.96213068	3.09517
25.1472984	25.551548	25.9493222	27.8510156	26.5579125	27.1141302	32.2711191	31.3354577
15.656956	18.0286791	20.1674446	21.8322056	23.2101387	26.6993013	29.0043771	30.6043074
0.66123267	0.66744195	0.65854359	0.69952725	0.65471172	0.68275737	0.71069913	0.71069913
0.49719414	0.53507316	0.5060925	0.59737374	0.61620936	0.61589769	0.60254412	0.55389672
55.1620317	54.9851802	55.9107593	54.8617447	66.112301	40.944806	35.4421672	32.2504092
1.4109936	1.44350718	1.51032427	1.51685649	1.61196339	1.73286425	1.95541248	2.2002629
1359.27832	1421.98258	1433.58684	1426.97251	1399.66817	1430.66144	1454.18511	1506.89582
5.14498979	5.2052748	5.34101921	7.6859068	6.9362843	5.4296759	4.7734148	4.2711317
0.00192623	0.00238402	0.00422163	0.00880407	0.00867022	0.01068671	0.00885148	0.01657116
28.2505797	29.2756403	27.6937879	28.5538316	30.2523821	29.7753602	31.9117878	32.3949783
0.00244573	0.00256691	0.00279714	0.00555401	0.00574467	0.0058712	0.00586477	0.00603508
3.7257363	3.97305134	3.59754148	4.16603488	3.93816813	4.41648138	6.89948923	7.60636019
0.031549	0.04140326	0.03399778	0.05198245	0.0482346	0.02679378	0.02671318	0.0282596
0.03421006	0.03428111	0.04104085	0.06275126	0.06479275	0.06299973	0.07064072	0.07473009
3.52205781	3.73174299	3.88916874	4.01376525	5.13445311	5.40663459	4.40737554	4.44782769
27.4877898	28.6935543	28.9507321	29.5457638	29.5744842	30.062658	30.2267087	31.3304347
0.75643142	0.87010189	0.74266742	0.77341464	0.9700076	0.92696138	0.66045239	0.81082987
2.08877072	2.11813213	2.11285577	2.09484956	1.5920599	2.21399729	1.97229256	1.7483809
0.00110755	0.00116043	0.00120797	0.0012455	0.00113559	0.0011318	0.0011979	0.0012654
0.007286	0.00742898	0.00757196	0.00771643	0.0078475	0.00797707	0.00810814	0.00823622
0.01032572	0.01049608	0.01066058	0.01081496	0.01091512	0.01100943	0.01110001	0.01119592
0.01106182	0.01109365	0.01113807	0.01119501	0.00961623	0.00553529	0.00497819	0.00452833
0.00147652	0.00150287	0.00152922	0.00155557	0.00157138	0.00158632	0.00160037	0.00161267
0.1414801	0.14209227	0.14277057	0.14352156	0.14398379	0.14453355	0.14513969	0.05483638
0.00048027	0.00050666	0.00053434	0.00056396	0.000591	0.00061932	0.00065023	0.00068113
0.01128949	0.01132446	0.0113399	0.01133316	0.01153001	0.01075734	0.01162585	0.01182037
0.00050567	0.00051879	0.00053191	0.00054503	0.00055695	0.00057007	0.000582	0.00059392
0.0013199	0.00135912	0.00139249	0.00141099	0.00133443	0.00128196	0.00125018	0.00128614
0.01048047	0.01067503	0.01085832	0.01102575	0.01016574	0.00930573	0.00844572	0.00758571
0.00100533	0.00104554	0.00108575	0.00112894	0.00116618	0.00120341	0.00124362	0.00128384
0.15274094	0.15745927	0.16220142	0.16697784	0.1716068	0.17625215	0.18093473	0.18567838
0.00075969	0.00078339	0.00080708	0.00083217	0.00086981	0.0008963	0.00092417	0.00095902
0.11060697	0.11232926	0.11405731	0.1157403	0.11944465	0.1236292	0.12910686	0.15320441
0.02312899	0.02373283	0.02433309	0.02493054	0.02392754	0.02290551	0.02178137	0.02046741
0.00336151	0.00342406	0.00348811	0.00393045	0.00386492	0.00380087	0.00373534	0.00419109
0.2928763	0.30731902	0.32186305	0.33620663	0.3526581	0.36885525	0.38480669	0.40060079
1.9314E-06	1.9314E-06	1.9314E-06	1.9314E-06	1.9314E-06	1.9314E-06	1.9314E-06	1.9314E-06
0.00945453	0.00971368	0.00997581	0.01024091	0.01050155	0.01076517	0.01103028	0.0112939
0.00028384	0.00028861	0.00029338	0.00029815	0.00030173	0.00030412	0.0003065	0.00030889
0.01300231	0.0130017	0.01300296	0.01300423	0.01542926	0.01793573	0.02423962	0.03401284
0.20087288	0.20332744	0.20584678	0.20850707	0.20685262	0.20519769	0.20354275	0.20188782
5.9631E-05	6.0824E-05	6.2016E-05	6.3209E-05	6.3209E-05	6.4401E-05	6.4401E-05	6.5594E-05
0.00071391	0.00072637	0.00074044	0.00075301	0.00077044	0.00078642	0.0008042	0.00082884
0.0001777	0.00018247	0.00018724	0.00019201	0.00019797	0.00020275	0.00020871	0.00021467
0.00079595	0.00083155	0.00086806	0.00090502	0.00094152	0.00097803	0.00101409	0.00105014



0.0019332	0.00200916	0.0020881	0.00217001	0.00224299	0.00231746	0.00239342	0.00246938
0.00011087	0.00011358	0.00011673	0.00011899	0.00012169	0.00012394	0.0001262	0.000128
2.3975528	2.42182449	2.44210765	2.45795515	2.16550662	2.37514469	2.0874463	1.88146591
0.00063641	0.00064876	0.00065777	0.00066273	0.00066818	0.00072293	0.00066771	0.00077672
0.00031281	0.00032917	0.00034746	0.00036671	0.00038692	0.0004081	0.0004312	0.00047739
			1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06
1.46857309	1.48203864	1.49408867	1.50393448	1.55109208	1.63365033	1.62889051	1.78789562
0.00139915	0.00143283	0.00146376	0.00148866	0.00150083	0.00150785	0.00150952	0.00151397
8.4336E-05	8.8199E-05	9.2705E-05	9.7212E-05	0.00010107	0.00010558	0.00011009	0.00011459
0.54447806	0.55217224	0.55979633	0.56726454	0.56848039	0.54348708	0.4929385	0.39897128
0.00038488	0.00038771	0.00039044	0.00039466	0.00040684	0.00041271	0.00042023	0.00042612
0.0001365	0.00013745	0.00013843	0.00013942	0.00013942	0.00013942	0.00013942	0.00013942
0.00055393	0.00057007	0.00058488	0.00059988	0.00061987	0.00063856	0.00065588	0.00067343
4.3192E-05	4.617E-05	4.9149E-05	5.2128E-05	5.3617E-05	5.3617E-05	5.5107E-05	5.6596E-05
7.8937E-05	7.8937E-05	7.7447E-05	7.7447E-05	7.8937E-05	8.1915E-05	8.4894E-05	8.9362E-05
0.00585166	0.00603271	0.0062116	0.00638618	0.00660602	0.00683233	0.0070651	0.00728494
0.01971875	0.02058817	0.02148741	0.02242004	0.02335743	0.02432584	0.02532525	0.02635448
0.00034343	0.00034657	0.00034931	0.00035154	0.00035154	0.00035154	0.00035154	0.00035154
0.07985871	0.07973464	0.07966355	0.07965656	0.07965656	0.07965656	0.07965656	0.07965656
0.04824798	0.05075248	0.05330434	0.05590615	0.05892841	0.06201104	0.06515142	0.06834385
0.03052058	0.03058811	0.03066066	0.03076183	0.030805	0.03085722	0.03090729	0.03095342
0.00355659	0.00361669	0.00367962	0.00374647	0.00375682	0.00373425	0.00346492	0.00330958
0.45214042	0.45262389	0.45335572	0.45439825	0.54106311	0.50715554	0.5035987	0.50808176
0.00060227	0.00060824	0.00061539	0.00062135	0.0006297	0.00063805	0.00064759	0.00065713
4.304E-05	4.5675E-05	4.831E-05	5.1823E-05	5.5337E-05	5.885E-05	6.3242E-05	6.7634E-05
3.21747685	3.24612787	3.27398148	3.30137339	3.26618922	3.49679348	3.88441933	4.24593252
0.00039173	0.00040906	0.00042638	0.00044467	0.00046777	0.00049183	0.00051589	0.00054092
0.00224144	0.00235713	0.00248119	0.0026164	0.00272095	0.00285476	0.00298022	0.00322694
0.27899611	0.28905278	0.29928403	0.32749702	0.4400257	0.54588154	0.66506581	0.70298416
0.00017304	0.00018182	0.00018709	0.00018709	0.00018182	0.00017128	0.00015898	0.00014844
0.0029621	0.00311822	0.00327991	0.00344858	0.00363676	0.00382912	0.00402566	0.00422499
0.00020993	0.00021168	0.00021432	0.00021783	0.0002231	0.00022925	0.00023716	0.00024418
3.5779E-05	3.6971E-05	3.8164E-05	3.9356E-05	3.9356E-05	3.9356E-05	4.0549E-05	4.0549E-05
0.00271211	0.00275641	0.00279569	0.00282716	0.00282716	0.00083986	0.00236565	0.00072364
0.00035347	0.0003664	0.00038149	0.00039442	0.00040735	0.00043322	0.00044615	0.00045693
0.00207978	0.00215177	0.00222283	0.00229068	0.00218502	0.00194759	0.00195482	0.00171716
0.00088109	0.00091313	0.00094357	0.00097561	0.00100284	0.00102848	0.00105411	0.00107974
0.02181643	0.02274441	0.02370602	0.02583219	0.02682104	0.02783981	0.02892233	0.03009585
0.0135987	0.01393156	0.0142553	0.01456935	0.01485105	0.01512352	0.01539764	0.01568956
0.00183737	0.00190239	0.00197192	0.00204917	0.00213415	0.00222815	0.00232922	0.0024348
0.00023518	0.00023901	0.00024243	0.00024519	0.00024532	0.00024544	0.00024557	0.0002457
0.02420415	0.02480773	0.02539317	0.02595911	0.02650274	0.02702407	0.02753564	0.02805418
0.00051943	0.00053883	0.00055607	0.00057116	0.00052374	0.00051081	0.00050865	0.00051512
0.0001617	0.00016459	0.00016651	0.0001694	0.00017132	0.00017325	0.00017517	0.0001771
0.02167696	0.0227029	0.02375949	0.02482863	0.02610826	0.02740879	0.02873999	0.0301158
0.01149604	0.01160702	0.01171863	0.011832	0.01186341	0.01189386	0.0119248	0.01195863
0.00444968	0.00454178	0.00463623	0.00473315	0.00697368	0.00701152	0.00866366	0.00773063
0.00267791	0.00274416	0.00281592	0.00289629	0.00291716	0.00292551	0.00302747	0.00262203
0.00472428	0.00485833	0.00499535	0.00513237	0.00527088	0.00541088	0.0055494	0.00568642
0.06749675	0.070792	0.07418481	0.07766545	0.07947895	0.08129106	0.08310734	0.08492921
4.0796E-07	4.1421E-07	4.2045E-07	4.267E-07	4.3294E-07	4.3919E-07	4.4543E-07	4.5167E-07

0.0004371	0.00045428	0.00047249	0.0004907	0.0005162	0.00055054	0.00059581	0.00061923
0.24135015	0.24341578	0.24537831	0.24730153	0.22124447	0.21027365	0.20779805	0.20855645
0.00710605	0.00722675	0.0073496	0.00775696	0.00769661	0.00763841	0.00758022	0.00799189
0.19096149	0.19261852	0.19415887	0.19555256	0.19560847	0.19518815	0.19385726	0.1912239
0.00012213	0.00012809	0.00013255	0.00013851	0.00014447	0.00015043	0.00015638	0.00016234
4.3918E-06	4.3918E-06	4.3918E-06	5.2702E-06	5.2702E-06	5.2702E-06	5.2702E-06	5.2702E-06
0.00126529	0.00127696	0.00129102	0.00130861	0.00132419	0.0084535	0.01194341	0.01543797
0.00441979	0.00450223	0.00463662	0.00459225	0.00444073	0.00440393	0.0046052	0.00473891
0.01892396	0.01930868	0.01973383	0.0202217	0.02078206	0.02140654	0.02206448	0.02314477
2.4776E-05	2.5155E-05	2.5535E-05	2.5914E-05	2.6293E-05	2.6672E-05	2.7052E-05	2.7431E-05
0.00010575	0.00010872	0.00011021	0.00011319	0.00011617	0.00011915	0.00011766	0.00012064
0.00799434	0.00822239	0.00845148	0.00868369	0.00877321	0.00897819	0.00972638	0.00861577
0.00085364	0.00086199	0.00086886	0.00087409	0.00087409	0.00087409	0.00087409	0.00056771
0.03162549	0.03178972	0.03197532	0.032175	0.0375375	0.0375375	0.0336765	0.03607461
5.4722E-05	5.7297E-05	5.9872E-05	6.2447E-05	6.5023E-05	6.7598E-05	7.0173E-05	7.2748E-05
0.00736133	0.00755927	0.00775163	0.00793284	0.00807363	0.00820326	0.00832453	0.00844999
6.6909E-05	6.9696E-05	7.2484E-05	7.6666E-05	7.6666E-05	7.9454E-05	8.0848E-05	8.2242E-05
0.02501353	0.02650399	0.02804285	0.02963516	0.03012408	0.03048684	0.02967694	0.03261225
0.00402396	0.00418561	0.00434941	0.00470073	0.00998986	0.01527683	0.01480697	0.02585508
0.04116896	0.04160333	0.0420132	0.04238972	0.04080219	0.03872348	0.03624366	0.02806223
0.00107682	0.00108724	0.00109916	0.00111107	0.00112299	0.0011349	0.00114682	0.00116022
0.00226902	0.00230626	0.00234241	0.00237633	0.00237633	0.00237633	0.00237633	0.00237633
3.5779E-06	3.5779E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06
0.00865622	0.00892878	0.0092058	0.00948282	0.00974793	0.01001304	0.01027815	0.01054326
0.00454699	0.00468081	0.00481741	0.00495681	0.00515893	0.00536383	0.00557153	0.00577783
			0.00143586	0.00143586	0.00143586	0.00143586	0.00143586
6.39558087	6.77959261	6.65578938	6.74146624	6.80221913	6.88018311	6.94639322	7.17291372
3.87035779	3.76511804	3.66334581	3.64259521	3.78019527	3.92582162	3.88341985	3.90842293
1.94242743	2.05742835	2.12443838	2.06847294	2.05325645	2.0284964	2.16328328	2.70332524
0.00467194	0.00443391	0.00437766	0.00438329	0.00424233	0.00411708	0.0038591	0.00360833
0.29742533	0.31661134	0.33197229	0.35513629	0.37988075	0.40638542	0.4346279	0.46611748
97.2142492	100.338899	102.326284	103.827333	102.02262	102.644462	100.383307	100.600366
1.72129339	1.69613259	1.71910309	1.70988424	1.65701266	1.57708949	1.33773644	1.31571237
0.03504933	0.03502886	0.03165618	0.0314001	0.03189082	0.03197269	0.03240757	0.03294221
79.5279554	80.9732078	84.4223319	88.4133806	87.5658377	85.2402029	83.6785643	86.1331954
6.89026138	6.73192773	6.59491652	6.62070125	6.64074773	6.55909596	6.35324864	6.29210608
5.66461648	5.58579009	5.6481055	5.63956586	5.4516727	5.15732587	4.78184322	4.4174945
0.64644087	0.65392079	0.65410821	0.68404702	0.69527504	0.69866962	0.67451451	0.60910276
8.39009667	8.33520261	8.47353571	8.71138991	8.8375817	8.74730299	8.76301875	8.74411934
1.15238639	1.17467107	1.16634651	1.28048463	1.32666779	1.35370778	1.35176069	1.52047809
5.15318747	5.32333801	5.4648453	5.48058346	5.70176742	5.85483874	5.97685641	6.13157643
93.8863931	92.5321781	93.6463292	92.7123513	90.640233	89.6088582	87.2659251	87.1597088
7.8372087	7.63661842	7.52084459	7.28509281	6.72648823	5.83044271	4.46083094	3.56658126
0.01846125	0.02292974	0.02589749	0.02601049	0.02535042	0.02554401	0.02507815	0.02419008
0.00593713	0.00586202	0.00601484	0.00602274	0.00559918	0.00556836	0.00542402	0.00528149
2.02229593	1.97884033	1.92531533	1.90107451	1.82759806	1.55093822	1.50189603	1.34586586
19.0984533	18.7634941	19.134485	19.0796678	18.3162094	17.236746	16.1252954	14.9962141
0.09879815	0.10217051	0.11749008	0.12811573	0.11958258	0.13535781	0.12246354	0.12380162
0.00179836	0.00183966	0.00222175	0.00224097	0.00222789	0.00210327	0.00202046	0.00207109
10.2431963	10.5153214	10.676408	9.86876163	10.0785834	10.3235035	10.5358863	10.8267865
251.043138	256.979979	262.519255	263.607629	279.469519	291.87806	299.338958	313.025606

0.05412424	0.05773567	0.06870638	0.06734593	0.06717649	0.06721394	0.06197774	0.06198652
0.02366958	0.02479285	0.02438373	0.01654999	0.02569331	0.02292538	0.02281929	0.02325334
0.70633095	0.61782523	0.61536869	0.6286805	0.55723748	0.51785368	0.50798406	0.49872431
3.11682769	3.38900114	3.61932197	3.91544649	3.26848105	2.95389387	2.66309215	2.98143617
2.43181581	2.51331069	2.62679311	2.69822414	2.96536465	3.02173924	3.07282562	3.19534995
23.7175567	24.3023038	24.7738533	25.0588654	25.1258163	26.0897541	26.2315954	26.738494
4.88895307	4.87186995	4.90931529	4.88144526	4.832152	4.72097049	4.66954495	4.62650118
7.93981016	8.08765708	7.99660177	7.78411554	7.87029117	8.06336808	8.30840394	8.58729087
670.297735	668.275632	685.191298	693.025245	687.382047	676.937843	653.638993	655.024468
1.92330436	2.00724064	2.09242008	2.1742363	2.26779108	2.3256234	2.18065614	2.33536949
5.29014432	5.48574818	5.70163985	5.93208649	5.89649809	5.93276422	5.926864	5.95377712
4.08377902	4.26079256	4.43312671	4.62516582	4.43918668	4.72229102	4.69230823	4.54875111
0.13368125	0.13627115	0.13144786	0.14543787	0.14254396	0.14402848	0.14796789	0.15009167
0.00324044	0.00335639	0.00334804	0.00338847	0.00335465	0.00341597	0.0042396	0.00467375
44.6422366	45.6511458	47.1954211	47.3665626	46.7639808	47.540509	48.3842858	49.2717027
0.11980195	0.12076946	0.12253355	0.12066137	0.08301158	0.08174811	0.08161295	0.08157953
0.03796705	0.0460919	0.04992444	0.05183055	0.05438088	0.06580726	0.06720801	0.05931652
4.31402066	4.19553024	4.10608078	4.2290261	4.18139046	4.14240322	4.08770046	3.70381425
10.6500238	10.5587463	10.9807774	10.5884068	10.318079	10.2872353	9.0655587	9.81263919
0.00338806	0.00288405	0.00267058	0.00328939	0.00254066	0.00235814	0.00224982	0.00294584
0.28127237	0.28669522	0.29092941	0.30168251	0.3060373	0.31769814	0.33516455	0.33825395
11.2643967	11.3368116	11.5398465	11.712394	10.9334016	9.60814055	8.23034249	7.06220058
58.0344175	56.9138947	56.4739115	55.6669695	52.2869549	46.7094749	45.2891509	44.6142094
0.33659099	0.3577164	0.3744377	0.39259007	0.39557361	0.39736248	0.40647522	0.42016134
0.02432334	0.02483515	0.02697131	0.02628399	0.02590494	0.02582738	0.02585821	0.02579261
7.46716265	7.22628912	7.21956086	7.29066103	7.31661974	7.31973115	7.43444448	7.27416488
5.41271226	5.38589472	5.70322107	5.58180198	5.90877646	5.53731897	5.83466086	5.73454497
4.77993877	4.75763009	4.89548999	4.95837382	4.74723854	4.95058053	5.0670689	4.88240557
9.28942297	9.43920194	9.52342205	9.66229642	9.57490665	10.9397644	11.7933897	12.4761172
12.7051485	12.5526144	13.2624218	13.9726768	14.7893356	15.4119793	15.6805334	15.8605535
2.49625685	2.51342111	2.59252452	2.61733849	2.64014771	2.69270855	1.97572548	2.01002937
0.15390551	0.15567051	0.15595796	0.15765117	0.15851805	0.15960839	0.16031007	0.16071017
20.957485	23.7080593	23.4195422	23.7486963	24.3245665	24.0988845	23.9466641	23.9537242
2.17416408	2.14225854	2.18203653	2.17771799	2.0739298	1.93134944	1.62239257	1.26619443
31.6962996	31.9349309	33.7502209	34.6927004	34.8096965	35.7015615	31.2482152	31.3700359
3.62861703	3.48319186	3.40734988	3.41301503	3.24903236	3.151761	3.11569446	3.10539735
0.67739698	0.69104716	0.69772791	0.6998471	0.7163857	0.71806059	0.76357129	0.78862309
0.11190396	0.11319028	0.1187921	0.11718022	0.11482937	0.11218072	0.11321857	0.11383802
54.8650117	53.7507704	53.7652603	54.1880346	53.1481184	52.0152256	51.6533184	51.6795405
0.01742093	0.01750692	0.01750691	0.01770055	0.01770961	0.01778207	0.01801935	0.01821681
0.06537131	0.06980271	0.07464999	0.08017893	0.08547884	0.08893656	0.09008991	0.09087831
38.2381502	38.0843523	38.4312993	38.8703568	38.2029883	38.1710691	37.9381811	37.8267375
2.93345688	2.88861484	2.91908777	2.90545432	2.8348972	2.70743288	2.46792145	2.44648759
2.03872108	1.94630917	2.10957576	1.94639672	2.22356464	2.10372043	2.11072055	2.13871034
2.78270136	2.99575405	3.15776763	3.2318867	3.36674926	3.50843708	3.6565377	3.82620603
0.14267602	0.14051047	0.13788835	0.12360957	0.12515611	0.12193271	0.11350311	0.11830412
0.43688667	0.45756238	0.4422432	0.43407722	0.44859955	0.43810945	0.42736229	0.4470535
0.62783165	0.63818403	0.68935629	0.72060594	0.72375757	0.74899619	0.75296318	0.76649977
0.01090354	0.01098719	0.0110851	0.01172435	0.01194173	0.01206411	0.01217387	0.01223476
5.02971615	5.07191236	5.03816585	4.98921096	4.91032662	4.87069329	4.89421983	4.91074384
0.01001549	0.00966714	0.00971544	0.00976735	0.0098095	0.00986625	0.00993836	0.01002222

0.00482966	0.00482966	0.00487522	0.004898	0.004898	0.00501191	0.00501191	0.00501191
3.54307019	3.6272253	3.6187173	3.65254284	3.75933923	4.01976483	4.27235713	4.11499561
0.04179693	0.04056493	0.04376684	0.04662609	0.05263574	0.05080883	0.04401966	0.04452966
0.97446775	0.97115747	0.93011848	0.76613438	1.02276985	1.08563521	1.23768823	1.20681696
0.0358348	0.03499532	0.03479056	0.03089071	0.02502029	0.0202644	0.01464578	0.01429077
3.88494106	3.77911339	3.69650832	3.69124163	3.732538	3.72247519	3.35802509	3.72451908
2.55971063	2.49948778	2.42246282	2.39247681	2.30349338	1.9358239	1.92204369	1.71009155
2.44650805	2.40069965	2.33802667	2.21713076	2.34498992	2.67259867	2.53525216	2.50180139
7.66674827	7.43563995	7.43334245	7.01441619	6.71174642	5.82747869	4.96989595	4.28749505
104.016513	104.806759	107.095202	106.305115	103.835525	109.496115	106.051895	104.011339
464.071222	477.743133	483.298159	488.846431	491.512359	493.29689	496.084696	497.46537
13.2508876	13.3163049	13.6723203	14.4101206	14.6369284	14.7207683	14.8317794	14.8273622
21.6693813	20.9575486	23.6245688	23.5595805	23.3128306	25.1498529	25.2639777	25.4662119
4.19374209	4.09167016	4.29292323	4.39621745	3.09998592	3.64156502	4.307063	4.36809953
0.33193412	0.32591562	0.32217842	0.32709958	0.32216595	0.31422736	0.30711919	0.30986303
0.91604862	0.97855782	0.98462351	0.9823707	0.98559208	1.02600834	1.0645758	1.28228412
27.9686098	28.016546	27.8733688	28.0275694	26.4482169	26.0005101	25.071109	24.8569777
0.7559603	0.72697149	0.72043154	0.78946209	0.86047902	0.93847381	0.94601781	0.91429834
0.31935611	0.34174293	0.37068616	0.40449741	0.50225509	0.62779891	0.65720848	0.56256458
56.6971685	55.5237709	54.9068628	54.1349495	53.2892305	53.8789621	53.7709626	53.8292825
35.3916342	34.8294795	35.3256965	35.068117	33.423134	31.7534206	31.108619	30.2457187
15.5972905	16.7328745	17.429361	17.7072736	17.0780191	17.1406243	17.2875186	17.517922
5.81363037	5.73810042	5.79561148	5.74933552	5.57736626	5.37851161	5.01805264	4.51425245
12.4858104	15.4126321	15.8820813	15.7740542	14.9700506	15.1187102	15.9636229	13.9994441
0.00168901	0.00167177	0.00166435	0.00168681	0.00160702	0.00163158	0.00165614	0.00166105
0.01317164	0.01287704	0.0122399	0.01123908	0.01117345	0.01148877	0.0107129	0.0104408
22.0103719	21.0823358	20.8363661	20.6590119	20.3469131	20.2273706	20.5372522	20.4493137
0.12051064	0.11216015	0.11244685	0.09325082	0.02036287	0.02807511	0.05662287	0.07524027
5.42094589	5.36543981	5.74703639	6.08866961	5.73721429	5.94000007	5.90623373	6.31143661
0.19828175	0.1969407	0.2028083	0.22358973	0.24886994	0.25340666	0.25482757	0.25728101
0.24382519	0.24086664	0.24412268	0.19788676	0.16133256	0.16408821	0.13473856	0.12748122
1.25497699	1.2853801	1.39105043	1.46256888	1.42060116	1.34640045	1.28529172	1.25262565
0.02545129	0.02542466	0.02544504	0.02543064	0.02542629	0.0254206	0.02540732	0.02531665
10.4820456	11.5906432	10.2821066	11.4161436	10.3936179	10.2576414	10.5867276	11.1087461
1.18122454	1.16700611	1.08953156	0.97858226	0.98259753	1.11432259	1.07689943	1.02728929
6.42877173	6.3257791	6.44722782	6.43241305	6.13244088	5.71767247	4.37366242	3.6183952
0.49863299	0.49296738	0.49623461	0.50701551	0.51220553	0.50240453	0.49452665	0.49094521
4.30682549	4.23955082	4.32218643	4.31371429	4.18017712	3.96877611	3.20399875	1.98324535
0.00110514	0.00110514	0.00110514	0.00110514	0.00110514	0.00110514	0.0011297	0.00105603
7.45469913	6.82912429	7.19374989	7.1609881	6.86682995	6.66719922	5.62670539	5.85678913
3.11800097	3.08195125	3.12699454	3.11345648	2.9646439	2.7650615	2.21652537	2.52332238
15.8033769	15.8331334	15.9474786	16.012761	15.8556284	15.9938449	16.2143186	15.7677001
0.00010922	0.00010836	0.00010857	0.00010499	4.9077E-06	3.4546E-06	3.0965E-06	3.1472E-06
66.4398402	66.5166422	70.1532845	68.5374047	67.9733676	66.7267502	68.6152144	68.2180302
1.58580695	1.5485731	1.47891697	1.49116332	1.43879302	1.19953616	1.18780834	1.16975988
7.09450443	7.6777413	7.84929726	8.09639209	8.19689593	8.12142829	8.25726169	8.50270848
0.06152993	0.06311184	0.06476634	0.06751091	0.06978117	0.07366339	0.07314681	0.06985656
50.3749167	50.587168	49.7933852	49.6335289	48.0975999	51.1065396	53.6150082	54.9080619
7.93269172	7.98531977	8.07003454	8.48982018	8.85649797	8.7141971	8.64498516	8.42679059
1.79645285	1.8359688	1.84687217	1.85779299	1.88671603	1.98817382	2.05827665	2.11555523
3.55355252	3.69858611	3.86739693	4.04703816	4.17319056	4.02966171	4.11118552	4.00061197

0.07818043	0.07511902	0.07742353	0.07715444	0.07771349	0.07481055	0.06677606	0.06654384
0.07176455	0.07116434	0.07203372	0.06709167	0.06192323	0.06397331	0.06269777	0.06122344
1.61765905	1.38272997	1.37710929	1.37201987	1.3503119	1.29719258	1.3731938	1.23727668
7.78742312	7.73780138	7.64546981	7.75532016	7.43397499	7.32322903	7.42855644	7.59593227
3.13330117	3.35219066	3.47468486	3.60411868	3.79123591	3.69001617	3.47186457	3.43767415
0.24012246	0.24649983	0.21862465	0.21444495	0.2192458	0.21961143	0.21242018	0.19426258
6.18919584	6.39966402	6.65864612	6.91947876	7.2141413	7.51281459	7.90811518	8.23755969
24.8385148	25.9323867	28.2574367	25.5268009	27.5167021	27.7367333	28.2341199	29.3308137
3.22853896	3.52384141	4.35110714	4.81053642	3.87064652	4.35241684	4.90829639	4.98034145
15.5628527	14.9113799	15.1370545	15.4541429	15.5854649	15.7453258	15.2713496	15.0662085
2.91907772	2.88484487	2.8887653	2.92247147	2.96219316	2.99282061	2.9664863	3.01771814
23.0205697	23.1294318	22.8620941	22.8672907	21.2058883	22.5002267	21.7099777	22.9222369
32.6465763	33.0320143	31.6313563	31.5144493	30.9857225	30.5148711	30.5866876	31.7239388
0.38840394	0.39272736	0.39579053	0.40735066	0.4353853	0.46732641	0.49490146	0.52382016
82.2820276	84.1505162	85.9328687	86.9593671	87.7972808	87.5552449	90.8280397	91.2750518
2.90864303	2.94573798	2.97185309	2.98617341	2.99819043	3.04436308	3.06037464	3.11128069
11.353933	11.210352	11.1750638	10.5278595	10.2902274	10.3231994	10.5117079	11.4115491
38.5287837	39.4239043	39.9246466	37.808336	38.0853839	35.7492135	36.3411412	38.8650908

0.30196418	0.29743322	0.29826809	0.29821963	0.29651568	0.30747494	0.31811451	0.33034488
31.0401524	30.7258493	31.7293946	30.1648211	27.0820132	24.9598162	22.9204196	22.6520884
0.99012703	1.05336309	1.10841418	1.13806388	1.14842955	0.87531823	0.88246514	0.89004896
8.24757358	8.23778164	7.79495455	7.3262616	6.96304131	6.83607975	6.66702664	6.51744397
5.07141941	5.11511485	5.1288093	5.24699932	5.2364535	5.20130678	5.03078105	5.18269389
13.0296616	13.4419318	13.6652101	13.6885867	12.5660297	12.9754677	14.1407233	14.9335417
0.02846962	0.02840073	0.0289962	0.02687762	0.02755182	0.02836696	0.0296793	0.02982204
0.07481951	0.07568477	0.0784542	0.08502714	0.0921236	0.10692528	0.12074343	0.13141475
0.04342743	0.04427327	0.04161746	0.04559672	0.04952849	0.05058411	0.05470442	0.05449745
22.2883918	22.0123387	21.3238047	20.3046551	18.2043566	15.8127835	13.7616605	14.0941138
176.964169	174.113458	177.077363	176.267111	167.260732	156.527016	146.504524	131.760779
0.77165974	0.77376983	0.79512494	0.80053886	0.83086979	0.79536726	0.74908985	0.6963288
2.42683092	2.36161696	2.36555246	2.46196649	2.55091116	2.66445091	2.74634278	2.85172479
8.73704914	8.51033412	8.24952552	8.14576803	7.90222833	6.60842786	6.65593607	6.08717305
30.2910675	30.2208896	30.7729927	31.2097869	32.2738207	36.2066025	39.2756131	41.7827721
3.82148088	3.81537343	3.92646538	3.95109084	4.07223493	4.16964304	4.31673609	4.41813467
0.05779331	0.04077081	0.04376528	0.0379681	0.0058115	0.0053039	0.00529782	0.00557325
0.00198051	0.00206254	0.00208325	0.00206037	0.00182868	0.00182868	0.00182688	0.00139903
0.04350528	0.04234314	0.04233522	0.04685594	0.04681951	0.04718673	0.04755598	0.04690043
1.37525138	1.43861159	1.46018454	1.55130389	1.47867054	1.43662864	1.50486416	1.38988628
1.86464544	1.96945656	2.0381502	2.1264141	2.20151028	2.22860247	2.12760379	2.20666139
18.2608281	19.0821361	18.9671511	17.4717783	15.3651367	13.9088622	15.2418682	16.5091497
0.0002264	0.00021253	0.00011331	0.00011026	4.7829E-05	4.7829E-05	1.3191E-05	1.3191E-05
0.00529071	0.00538048	0.00549939	0.00561038	0.0056938	0.00582886	0.00573814	0.00583302
0.93720916	0.91630044	0.91389082	0.71227753	0.7844638	0.86405164	0.74542509	0.74575472
4.8537253	4.87690498	4.94802381	5.00987282	4.7360644	4.21296514	3.67196207	3.13386639
2.03366956	1.97054607	1.91369417	1.89339553	1.82247403	1.51769456	1.59102411	1.49545309
4.32280787	4.35062141	4.44797878	4.52290274	4.39531571	4.51822238	4.66144877	4.74511595
0.9061211	0.90011699	0.95424988	1.00437575	1.03862109	1.06337986	0.87579808	0.89882657
0.00521121	0.00540132	0.00549878	0.00652539	0.00661537	0.00632502	0.00612555	0.0058588
2.99007466	3.27963862	3.33239018	3.40735778	3.49117294	3.42093605	2.72433488	2.9151001
8.70254725	9.44454701	10.2186375	11.0096955	11.5725443	12.134955	12.6461796	13.2945954

0.65543072	0.81342688	0.76582805	0.84037109	0.7692413	0.61872273	0.65155664	0.72419689
84.4248508	88.8543838	87.8045662	79.6600553	82.2378002	82.8418117	81.5512846	80.9373564
3.83124034	3.7676852	3.81598469	3.78529275	3.74499775	3.66821979	3.35998557	3.37783267
3.85790352	3.83079886	3.85446012	3.78843066	3.6625705	3.53775481	4.29283513	4.46159775
0.35486239	0.3316611	0.34391849	0.37181885	0.45482314	0.42208477	0.43575932	0.48322825
0.06267452	0.06834563	0.06186537	0.0562264	0.05624831	0.05869247	0.05823434	0.05670731
0.14528799	0.13532053	0.12900464	0.12134656	0.1207125	0.11062554	0.1094471	0.1088655
2.3142059	2.29590116	2.29568591	2.36736359	2.47257897	2.47707027	2.63588121	2.47619729
33.3683077	33.2808381	33.3655637	32.0801495	31.2881578	32.2083362	32.3820982	31.9812315
5.79281321	5.50799736	5.46413398	5.32683536	5.15733334	5.08535636	4.94730977	4.74529927
14.7108727	14.7767771	15.0708797	15.1518968	15.2301991	15.1229038	15.4722696	15.5816036
4.95449884	5.38425728	5.68702847	6.3059859	6.59441686	6.73011443	6.94122434	6.69392022
72.2223487	70.9276304	72.3421984	72.1475493	68.2061096	63.422792	58.4490103	54.6878063
22.0967647	22.8478992	21.4553161	19.968777	21.0532001	22.3670239	23.2576131	23.5840856
232.03504	233.349522	229.569305	229.953129	228.889766	233.193999	235.014639	241.370145
18.0388129	17.7945494	17.989975	17.7812439	17.0058372	16.1402197	16.1102779	16.0449044
0.01446955	0.01615746	0.01524333	0.01448825	0.01348778	0.01366741	0.01385368	0.01394584
23.5238778	24.0161838	24.240186	24.6912887	25.0978478	24.9318156	24.1165839	24.483599
0.00645486	0.00645486	0.00645486	0.00646925	0.00646925	0.00646925	0.00646925	0.00646925
59.8337423	60.5588081	61.6024782	61.724483	62.9730105	63.951645	64.2345149	64.0083513
0.22396698	0.22477168	0.23370749	0.2535543	0.26283777	0.28004044	0.29881441	0.30169275
0.11096652	0.11130654	0.11054375	0.10881342	0.10826029	0.10455289	0.1068732	0.1083763
2.33198325	2.38902678	2.45532665	2.99989431	2.85312163	2.91521049	2.97346054	2.94381098
23.3419883	23.7000179	24.6167079	25.5761887	25.8286043	25.4457626	24.8324255	24.3033271
3.03398025	3.11961755	3.17645874	3.36259342	3.47448543	3.45594557	3.26128428	2.98883105
7.83752728	7.86542028	7.93082204	8.71588085	7.32494263	8.05418125	5.8025825	5.9657284
0.00015349	0.00016873	0.00021582	0.00020403	0.00022061	0.0002134	0.00020553	0.00020516
0.03289296	0.03264346	0.03365833	0.05458937	0.05572226	0.05663254	0.06102832	0.06587354
0.97639152	0.99591396	1.01703447	1.04063242	1.06489039	1.08945754	1.11443747	1.13673791
5.827E-08	4.3656E-08	4.938E-08	7.7093E-08	5.4892E-08	8.4898E-08	1.0532E-07	1.0374E-07
0.24048623	0.24595341	0.23564546	0.27317026	0.20634338	0.14969029	0.13847015	0.13082086
0.00065441	0.00048738	0.0005384	0.00063945	0.00063961	0.00073992	0.00080997	0.00081524
0.00035759	0.00070855	0.00068869	0.00067544	0.00063571	0.0081851	0.00678539	0.00615507
0.17693409	0.18139507	0.16157904	0.15226008	0.1724629	0.20378074	0.22756092	0.19242394
0.1170258	0.11914305	0.11789737	0.10596389	0.06721437	0.03386192	0.00818195	0.01337229
0.00010371	0.0001204	0.00012541	4.491E-05	5.308E-05	4.4744E-05	4.1083E-05	4.1931E-05
0.61209671	0.62521027	0.62504761	0.65422285	0.67128484	0.68952557	0.81240947	0.71681512
0.87775397	1.1897351	1.04443788	0.80176137	0.88253936	0.81105486	0.78073603	0.71699761
0.06335576	0.06418586	0.0634458	0.05791626	0.04748886	0.02504199	0.01604771	0.02168349
0.64559203	0.66441134	0.69087649	0.72711318	0.73694482	0.72391455	0.73857631	0.75693456
0.33900139	0.26331845	0.29821184	0.29170308	0.32070622	0.28499677	0.27273505	0.23501311
0.42636771	0.43773789	0.44933556	0.46087379	0.47241332	0.48377381	0.495334	0.50671641
1.04507497	1.05856064	1.08786856	1.15806279	1.17470883	1.17130446	1.19330728	1.20087421
2.6999502	2.88285445	2.95147384	3.06057073	3.04538593	3.11347646	3.14980119	3.20205876
0.50823394	0.44031072	0.42495003	0.32319845	0.27303901	0.33382217	0.34146542	0.27012295
0.00030978	0.00032302	0.00034191	0.00038434	0.00042211	0.00046553	0.00045326	0.00048441
0.00188301	0.00196545	0.00217431	0.0034602	0.00350276	0.00345656	0.0034102	0.0034533
0.14296656	0.11766534	0.14109904	0.4617116	0.46002827	0.40221493	0.356581	0.09086824
0.58967188	0.5903575	0.57569135	0.47800686	0.47307336	0.4175666	0.36736104	0.34814322
0.00541232	0.00545376	0.00585051	0.01322064	0.01315467	0.01314494	0.01300523	0.01296585
0.0001762	0.00022256	0.00028137	6.9316E-05	7.3602E-05	4.8641E-05	5.1175E-05	4.7485E-05

0.19385344	0.21994129	0.20149342	0.20206497	0.20566321	0.19952749	0.20956	0.20376437
4.80344764	4.53750274	4.24069875	3.82902288	3.78652057	3.71495967	3.33965744	3.25748153
0.00060233	0.0006274	0.00070257	0.00081084	0.00082944	0.00081732	0.00079947	0.0007838
0.00164726	0.0014027	0.00115072	0.00091099	0.00065498	0.00041212	0.00013398	0.00015452
0.13349488	0.13664897	0.13902751	0.24727445	0.24847667	0.24859184	0.24855631	0.25016359
0.15018143	0.17386684	0.17875923	0.15500383	0.1667599	0.17798174	0.18483264	0.18862942
0.36601441	0.36591144	0.36820474	0.37090074	0.37129964	0.38214866	0.37789715	0.341191
0.84259562	0.87524753	0.84359287	1.64384383	1.6266514	1.56764461	1.63863639	1.66847948
0.14168924	0.1401981	0.13968444	0.27797416	0.30566981	0.29625287	0.23810139	0.22072314
0.58604215	0.61672404	0.64792843	0.73543182	0.78371975	0.81086126	0.83736464	0.88270639
103.581074	106.567774	106.489731	107.462008	107.884798	104.985687	105.44828	103.41195
0.5886071	0.60952712	0.63230569	0.65548424	0.67861476	0.7010502	0.7231829	0.74437725
1.17364627	1.19609173	1.23624467	1.26173499	1.29871039	1.33310359	1.37105899	1.42028804
2.40381213	2.48522469	2.56845282	2.65267728	2.71980706	2.80764233	2.89823084	2.99164636
0.11315647	0.11606343	0.11903935	0.12208914	0.12523062	0.1283224	0.13125909	0.12825669
2.78E-05	3.0696E-05	3.6701E-05	1.2043E-05	8.1263E-06	1.3161E-05	1.3044E-05	1.2996E-05
1.5302305	1.6252632	1.65930236	1.61574279	1.53389919	1.4662673	1.42331038	1.50674453
0.01511946	0.01561836	0.01654982	0.01948851	0.02030578	0.02058795	0.02127952	0.02181746
0.01131154	0.01155781	0.01199115	0.01390109	0.01446844	0.01468586	0.0151838	0.01560049
0.05561239	0.0570393	0.05870381	0.0602913	0.06188542	0.06365267	0.06366979	0.06373763
0.06372935	0.06719358	0.06521796	0.0674642	0.07538172	0.09803835	0.09388238	0.0873913
6.7036E-05	8.2112E-05	8.5539E-05	3.1621E-05	3.6789E-05	3.1501E-05	2.7502E-05	3.0328E-05
0.00193399	0.00177803	0.00177159	0.00187506	0.00166507	0.00174931	0.00170215	0.00265931
2.70110388	2.61976081	2.21446225	1.63036555	1.48937649	1.25794254	1.49667784	1.29316676
5.95035821	5.54620439	4.93589311	4.9248812	3.80409397	2.76729099	2.58495895	2.35209269
0.02067683	0.02223342	0.02491867	0.02879915	0.03043294	0.03057718	0.03168142	0.03239164
0.00040291	0.00040398	0.00043343	0.00096133	0.00094364	0.00094095	0.00091693	0.00091473
0.22399306	0.20919775	0.19363718	0.19425772	0.2138211	0.20878469	0.21241272	0.20421244
0.17006189	0.16613033	0.16382072	0.16042436	0.1566744	0.15348267	0.15061307	0.14731539
0.01767721	0.01784729	0.01937246	0.01906494	0.02005234	0.02086444	0.02377862	0.02370483
0.30179633	0.31080199	0.30059521	0.23510232	0.24402654	0.17717467	0.17329816	0.17292993
0.33536106	0.34120048	0.34876998	0.35499911	0.36024217	0.36755276	0.3715764	0.38007405
0.14680401	0.15248117	0.15825811	0.16402778	0.17108229	0.18606742	0.18616251	0.2216869
0.00013291	0.00012685	0.00013527	8.956E-05	0.00010552	9.6325E-05	8.9678E-05	9.3341E-05
0.13574049	0.14273263	0.7920476	0.8678861	0.90003768	0.93132309	0.89514945	0.89141353
0.19022384	0.18429757	0.17445171	0.12467398	0.12463617	0.09521842	0.08408301	0.10152533
4.74727871	4.93089919	5.11745071	5.30393577	5.53210437	5.93990774	6.14354914	7.0006322
0.32994781	0.20491229	0.28243889	0.39314337	0.39472591	0.4034069	0.3924248	0.3973514
0.00227026	0.00223385	0.00256853	0.00339571	0.00331235	0.00301691	0.00310159	0.00311495
3.5753E-05	5.6308E-05	6.1551E-05	0.00013153	0.00011374	0.00011341	0.00011246	0.00011272
3.98164333	3.5871939	3.59050211	3.39128176	3.96887169	3.76632173	3.62324192	3.1349284
					1.652E-06	1.652E-06	1.652E-06
0.19370309	0.19751335	0.20089462	0.2087846	0.21568341	0.22213542	0.22727154	0.22741126
2.16082977	1.96764244	1.76190686	1.5994991	1.70197692	1.52363041	1.67822418	1.46190531
0.34077558	0.32242296	0.29882303	0.18779227	0.17634156	0.26101975	0.38245143	0.11873297
0.8544807	0.88206874	0.91087055	0.93601727	0.96991327	1.00193077	1.03498788	1.06905581
3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	8.26E-07	3.304E-07
1.1305359	1.13587003	1.16420365	1.21548637	1.26925808	1.24859914	1.28417043	1.30010573
0.00102692	0.00110725	0.00120285	0.00208179	0.0020923	0.00206325	0.00206131	0.00207137
0.04907496	0.05084011	0.05315153	0.05926691	0.06122052	0.06330914	0.06442651	0.06105263
0.21133559	0.21504744	0.22100967	0.23055009	0.23284299	0.22759297	0.22709336	0.22230277

0.03499026	0.03509099	0.03501542	0.03487292	0.03479552	0.03471154	0.03481502	0.03473103
0.19740275	0.19712108	0.14141013	0.26454455	0.26816212	0.26741503	0.26724342	0.26706296
2.1501E-05	2.574E-05	2.6822E-05	1.3895E-05	1.6423E-05	1.4214E-05	1.5093E-05	1.6529E-05
0.86814147	0.89002214	0.91267431	0.93585351	0.9383651	0.95777751	0.93905971	0.92046411
0.00196397	0.00217967	0.00241529	0.0052251	0.00536938	0.00547162	0.00577964	0.00605218
0.07532549	0.07271709	0.07160791	0.07247007	0.01994139	0.01970226	0.01950338	0.0194646
0.00823838	0.00813976	0.00853186	0.00825258	0.00873094	0.00869221	0.00904023	0.00916989
0.40198138	0.40933158	0.41675692	0.42825475	0.42868496	0.42948551	0.42984885	0.43087189
0.20563326	0.16924172	0.20294716	0.34547239	0.44469833	0.37731646	0.39786805	0.35929182
0.3935505	0.39731151	0.39997505	0.44135218	0.45020828	0.4592246	0.46822357	0.47721496
1.01191258	1.00088703	0.93309429	0.84007456	0.8273704	0.52968583	0.54099173	0.49754822
11.5866569	11.7834512	12.0059684	12.1938331	12.3836338	12.5788161	12.7715592	12.9388707
30.2300929	31.3115889	31.8711978	33.1481818	33.6143911	33.6401248	33.6520625	34.0654427
0.46379164	0.43987649	0.4384392	0.52833101	0.48506604	0.41402921	0.40215764	0.35457674
0.18353818	0.20509495	0.20369513	0.20606334	0.22280899	0.27144746	0.28452643	0.32122489
0.02058719	0.0213217	0.02219156	0.02243804	0.01706927	0.01971162	0.021846	0.02475277
0.00107079	0.00115648	0.00121706	0.00178604	0.00186704	0.00199961	0.00209197	0.00211313
0.01103472	0.01132866	0.01139043	0.00696594	0.00675923	0.00766798	0.01064788	0.01068364
0.43414149	0.4283002	0.39749756	0.39479311	0.44518892	0.48986304	0.4752093	0.52105151
0.02088349	0.02105037	0.0216199	0.02183781	0.02146188	0.0214732	0.022016	0.02191109
0.00275742	0.00311559	0.00310852	0.00592047	0.00501064	0.00800724	0.00793222	0.00795973
0.51676766	0.55164551	0.52547106	0.52976449	0.53568214	0.55633276	0.56694621	0.54683808
0.14199544	0.13909628	0.13420873	0.10861042	0.11240216	0.13155108	0.09082459	0.09189268
1.51698536	1.57043362	1.62464178	1.67500056	1.72512165	1.77640447	1.82731132	1.87833331
0.01934846	0.01926963	0.01909118	0.01574871	0.01531553	0.01601599	0.01280173	0.00727333
0.41600529	0.40949467	0.4080599	0.72071882	0.71825452	0.71446386	0.71193453	0.71425529
0.00010332	0.00010469	0.00010961	0.00017356	0.00017628	0.00017858	0.00018215	0.00017858
1.275E-05	1.5711E-05	1.6372E-05	5.6596E-06	8.9189E-06	7.5153E-06	8.545E-06	9.5151E-06
3.87917607	3.78397902	3.33599635	3.30891203	2.6115659	2.00391087	1.48213317	1.00441668
0.02239883	0.03006836	0.03478237	0.00182207	0.00153854	0.00261813	0.00155601	0.00126967
0.19736711	0.20341728	0.20293228	0.36134973	0.365188	0.36627226	0.36799951	0.36799036
0.03882703	0.03851417	0.03936673	0.03228777	0.03335859	0.03310999	0.03446632	0.03582981
0.32637638	0.40350251	0.41858563	0.42971592	0.41678736	0.37661153	0.34406242	0.31924334
0.04635657	0.04633204	0.04719937	0.04784542	0.0481103	0.04832368	0.04856404	0.04921156
0.00044007	0.00045466	0.00048212	0.00102241	0.00102313	0.001022	0.00097631	0.00099037
1.13667869	1.17969835	1.18977081	1.16752124	1.17822614	1.19483806	1.17868677	1.16324153
0.2807007	0.27979841	0.28101473	0.2912053	0.29364665	0.28820038	0.28761153	0.28405183
0.34680478	0.34008856	0.32554961	0.24722028	0.25337132	0.13719981	0.17696405	0.17247014
0.00619498	0.0045271	0.00386121	0.00341517	0.0040315	0.00929253	0.00842499	0.00819268
0.49112649	0.4676792	0.43573299	0.28324223	0.33101921	0.30073388	0.32200168	0.32018921
0.00105164	0.00109092	0.00127394	0.00112008	0.00118762	0.0012238	0.00122032	0.00126704
0.3265554	0.33224061	0.33886554	0.34509162	0.352293	0.35908826	0.36580311	0.37212791
0.34013139	0.34393664	0.338854	0.29149303	0.207609	0.11970696	0.07120686	0.07112237
0.52925894	0.54297333	0.55618107	0.67971668	0.7005925	0.72031434	0.73988464	0.63647428
0.00046006	0.00048296	0.00048959	0.00077238	0.00079386	0.00083096	0.0008567	0.00089502
2.00676642	2.01616731	2.02246191	2.37945254	2.40026743	2.49164957	2.39756254	2.40645839
0.01808343	0.01488315	0.01784721	0.00204147	0.00226302	0.06815262	0.07001085	0.07020498
0.44421948	0.45915272	0.46274203	0.48328148	0.50176911	0.49170624	0.50217924	0.50284159
0.0002772	0.0002772	0.0002772	0.00028924	0.00029568	0.00033334	0.00032508	0.00032508
2.82058665	2.83682174	2.89333955	2.91427653	2.87023247	2.93964897	2.89760321	2.96988835



0.1634033	0.13736629	0.16275805	0.16456462	0.1205776	0.092727	0.0638559	0.06023756
1.35755564	1.34161821	1.32674419	1.31333549	1.31070155	1.31767537	1.3334628	1.35865549
0.13136657	0.13434487	0.13764917	0.15163772	0.15568844	0.15586687	0.15712984	0.15744398
0.00074865	0.00083571	0.0009951	0.00156184	0.00153611	0.00152841	0.00156053	0.00155961
0.00664634	0.00664714	0.00690594	0.01255994	0.00977212	0.00757898	0.00657968	0.00534378
0.56610303	0.59682444	0.63076854	0.67242811	0.66934907	0.66116268	0.62784035	0.63032383
0.16217387	0.15796234	0.15358975	0.14905469	0.13917341	0.13600629	0.13041126	0.1274527
0.07790678	0.07984862	0.08219846	0.0872442	0.04998709	0.05071941	0.05163909	0.05267881
0.00601909	0.00587808	0.00686078	0.00641776	0.00661227	0.00191069	0.00232246	0.00276566
0.40103431	0.41340214	0.42769474	0.43278586	0.44734978	0.46192574	0.47878001	0.49611789
16.0652745	16.4905163	16.9276744	17.9060373	18.3415895	18.7870269	19.24196	19.7238263
0.27320962	0.28114326	0.2891872	0.29724316	0.30073341	0.30452905	0.30826655	0.31140573
0.14152341	0.17941257	0.16818908	0.21510896	0.2260288	0.21865869	0.22488758	0.21871819
0.17451024	0.17058634	0.1680708	0.19332851	0.17325109	0.17409513	0.19308218	0.21302615
1.93292718	1.97122084	2.01021398	2.05019628	2.09443848	2.13958483	2.18563113	2.23296058
0.06858391	0.06164824	0.07146417	0.09454831	0.0847568	0.07656879	0.07337682	0.0774727
0.00377357	0.00458456	0.00460017	0.00212601	0.00238108	0.00260794	0.00291748	0.00322011
5.40738693	5.56595324	5.73105871	5.90266766	6.07153845	6.2257424	6.41432838	6.55416754
0.10731524	0.11045199	0.11281239	0.10888941	0.1089138	0.11426975	0.1164389	0.11852177
0.96456618	0.93364998	0.90811884	0.88712648	0.8586294	0.83299962	0.80472801	0.79031965
2.66498165	2.67654893	2.68483377	2.67178926	2.60027844	2.53026457	2.46036646	2.38998105
0.00251467	0.00240694	0.0025135	0.00254007	0.00252114	0.0023043	0.00235831	0.0035296
0.19947582	0.20073896	0.20148788	0.35428808	0.35462818	0.35500627	0.35514543	0.35503517
6.04985786	5.91916146	5.21437366	3.13589344	3.92788267	4.0649117	5.16885668	4.615688
0.00578227	0.00633326	0.00641344	0.00288001	0.00318021	0.00287404	0.00273937	0.00267062
1.94763601	1.98139363	1.87930649	1.73756549	1.69841658	1.65521449	1.6357069	1.57219063
0.13463797	0.1343496	0.41191072	0.41305301	0.41323965	0.4135608	0.41361797	0.41364642
0.40971135	0.41974572	0.41814624	0.42732599	0.4385516	0.37995149	0.39058664	0.36454213
0.00072492	0.00078137	0.00092138	0.00046168	0.00046013	0.00048859	0.00048826	0.00043979
0.00176417	0.00160524	0.00202114	0.00172498	0.0016766	0.0009028	0.00079054	0.00089981
0.01332508	0.01339341	0.01393436	0.01432283	0.01467781	0.01402193	0.01399638	0.01378235
1.35516121	1.3192199	0.54446465	0.54944032	0.47223071	0.37446528	0.38621341	0.37530621
13.7908901	13.6605878	13.1910545	10.5182621	8.69471095	7.28716976	9.30417617	6.15325533
0.96864833	0.97350174	1.09030374	0.597296	0.58608553	0.57136369	0.56118357	0.50412032
0.0062273	0.00707031	0.00765376	0.01003779	0.01189898	0.00911501	0.00907509	0.01098825
0.37067741	0.30507751	0.3658354	0.62500066	0.50300877	0.50060413	0.50236078	0.465322
1.06875262	1.08727158	1.10525112	1.1223982	1.13820265	1.15395748	1.16981842	1.31685267
0.17641431	0.17799942	0.17978869	0.18134834	0.18261984	0.18395409	0.1852503	0.1865638
0.00285197	0.00288586	0.00317015	0.0029686	0.00280423	0.0016637	0.00179567	0.00182566
4.3387E-07	2.5793E-07	3.0897E-07	2.5426E-07	1.7854E-07	1.3857E-07	1.5837E-07	2.0667E-07
0.00476393	0.00500511	0.00518383	0.00897017	0.00898256	0.00899722	0.00900658	0.00900871
0.57993422	0.57970312	0.58018684	0.59182549	0.58142382	0.56031975	0.54586644	0.52547784
0.35076595	0.3016601	0.30603384	0.31072949	0.31581079	0.34332959	0.34587413	0.34860626
0.71548454	0.73124239	0.75035511	0.81209414	0.84308931	0.87987649	0.88871951	0.89385639
7.7733E-05	8.6528E-05	0.00010435	8.7239E-05	8.9642E-05	8.359E-05	7.2599E-05	7.2104E-05
0.00904441	0.00926968	0.00942581	0.01035132	0.01065217	0.01059003	0.01063587	0.0106724
0.0020772	0.00222818	0.00256991	0.00568161	0.00561339	0.00545753	0.00581521	0.00596977
0.19167297	0.23303018	0.21459234	0.22576594	0.15972509	0.12030449	0.09940707	0.07756471
0.08431374	0.06939248	0.08321238	0.11125582	0.12362842	0.11106231	0.09951381	0.09154496
0.4074229	0.38697327	0.37028885	0.37474503	0.36658532	0.35816089	0.36167072	0.34534751
0.20649147	0.20405706	0.20152525	0.19848316	0.1943755	0.18664064	0.18332374	0.18599428

0.00094065	0.00102714	0.0010856	0.00084116	0.00089697	0.0008026	0.00079372	0.00078508
0.02199	0.02250296	0.01834869	0.0263252	0.03237522	0.02587788	0.02270012	0.01871339
2.084E-05	2.4472E-05	2.5592E-05	5.8782E-05	5.5062E-05	4.4141E-05	6.7964E-05	7.2579E-05
0.5479367	0.5403554	0.54956855	0.58851882	0.59660465	0.59506137	0.6114707	0.61218083
0.18850261	0.19430415	0.20037836	0.21055839	0.21640272	0.22295578	0.22848797	0.2338176
1.52102104	1.59359006	1.74469651	1.83805389	1.90597699	1.84018594	1.71311963	1.62552987
0.26400859	0.27008564	0.26837202	0.24158764	0.16756067	0.11102183	0.05430074	0.0167984
0.17781838	0.18153354	0.18120743	0.16457277	0.15032927	0.13819641	0.05101299	0.04576316
0.00794651	0.00799505	0.00801043	0.01419567	0.0142104	0.01422052	0.01422608	0.01357062
0.00013389	0.00015301	0.00018021	0.0002025	0.00020232	0.00020456	0.00020453	0.00021474
0.00562979	0.00584832	0.00559539	0.00553659	0.00550784	0.00573627	0.00574555	0.00556779
0.17078743	0.17448884	0.17668819	0.18112859	0.1855065	0.18939693	0.19374158	0.20356068
4.1305503	4.07939311	4.00695208	3.63434627	3.64818886	3.75169197	3.61481367	3.34596772
0.04435792	0.0381455	0.0361633	0.03580086	0.03574819	0.03304596	0.03077563	0.03434408
1.73258985	1.78621478	1.83507125	1.88477496	1.93671877	2.00198797	2.15446725	2.76942957
1.5673047	1.57890163	1.60453737	1.63674366	1.68381834	1.73866142	1.77238738	1.81683536
3.23538724	3.29646609	3.26027838	2.8989886	1.87720746	1.9836744	2.43274312	1.95747254
0.12916943	0.11024911	0.11015657	0.11034787	0.11033609	0.11058653	0.11061293	0.11047756
13.7144853	13.504267	14.8580384	10.6394472	11.4473064	11.2991655	9.15645426	9.14841814
0.62936781	0.64590096	0.64467085	0.60528143	0.6742281	0.43189076	0.35987384	0.36185601
0.00044286	0.00044003	0.00046876	0.00103358	0.00101641	0.00100548	0.00098394	0.00095192
0.10060648	0.10289167	0.10544208	0.10742698	0.10761643	0.11299501	0.11446001	0.11496589
4.8441E-05	5.1171E-05	5.665E-05	0.00010452	0.00011196	0.00010346	0.00010916	0.00010234
3.04478753	3.08969043	3.15420461	3.22049243	3.32650682	3.41156177	3.58118863	3.37698878
0.00094609	0.00097922	0.00098622	0.00160983	0.00161098	0.00160253	0.00160366	0.00160489
0.0026044	0.00262696	0.00267052	0.00456493	0.00456909	0.00457276	0.00457954	0.00457929
0.01081716	0.01126262	0.01023406	0.00915824	0.00985212	0.01033725	0.01051456	0.01085204
2.36598555	2.42633837	2.56962761	2.69179167	2.75036411	2.78985074	3.04273238	3.0594777
0.8001399	0.82295787	0.84888452	0.86868743	0.88494339	0.90713359	0.92830239	0.95170006
1.59680055	1.64108064	1.67396706	1.71810549	1.75512005	1.78489431	1.81511159	1.84579714
0.00012853	0.00014017	0.00013159	0.00039959	0.00057486	0.00035669	0.00036726	0.0003803
0.35990614	0.32994355	0.24385844	0.29567967	0.28871041	0.26710903	0.25967626	0.27329115
9.94473763	12.0385883	12.1311531	12.6136713	11.6904807	9.87060357	13.8112721	25.3612143
1.50102616	1.30576337	1.36842483	0.92126418	1.12222113	0.42852443	0.43193489	0.31489716
0.07930877	0.08161079	0.08116547	0.08548901	0.08391826	0.09699379	0.10193204	0.10224048
14.2266173	14.6428238	17.5188654	19.5675959	19.8304141	21.4339961	24.5399082	22.553254
8.68170218	9.56029808	9.77618895	9.88447462	9.97070246	10.6132479	10.8856362	11.6492159
0.23625546	0.29800104	0.31946735	0.33115865	0.31729888	0.32703916	0.30186197	0.30527093
2.5281E-06	2.371E-06	2.3181E-06	2.8949E-06	2.7466E-06	1.9239E-05	2.2744E-05	2.725E-05
32.2752461	29.0318717	31.2609854	30.4908451	32.3019268	33.5568486	33.3447308	31.5253367
1.12793729	1.02522513	1.01173955	1.08634185	1.03428242	0.99013898	0.98215217	0.92422147
1.76986172	1.81800732	1.78805329	1.99467787	1.84357022	1.70989814	1.5429534	1.44046253
0.04795306	0.04846893	0.05071057	0.42773743	0.44342988	0.44944836	0.47316296	0.51723787
3.89018942	2.81714568	2.71683454	2.33571697	2.25542201	1.97013346	1.95804816	1.88420656
0.43759866	0.43425246	0.43629019	0.44096832	0.45239713	0.46961015	0.48214389	0.49436065
0.08940667	0.09011502	0.09417322	0.81069856	0.84818332	0.87932588	0.92243395	0.98038491
0.51021351	0.57578211	0.59535685	0.59458163	0.62839846	0.69223179	0.69433948	0.79722366
2.47096482	2.25070566	2.20183369	1.86613429	1.42410374	1.5518928	1.47868759	1.42878878
13.5268537	13.8313733	13.846872	13.5813456	16.173284	18.1950847	18.9274392	18.5800868
0.00078726	0.0009114	0.0008777	0.00278367	0.00287674	0.00292453	0.00282906	0.00282667
3.49043689	3.35274605	3.37742721	3.76292192	3.36119619	2.90351683	2.52453762	0.43242165

2.37349943	2.47506198	2.46465457	2.78581072	2.80930942	2.65696207	2.60008479	2.58221073
0.00060814	0.00068573	0.00063766	0.00197849	0.00198854	0.00174721	0.00186737	0.00182752
4.2951E-06	4.383E-06	5.2007E-06	4.4681E-06	3.8085E-06	2.0914E-05	2.8331E-05	3.0859E-05
8.68636461	8.70635942	9.16391858	9.58399606	10.4939058	11.3347478	11.2208013	12.3843845
29.8302139	30.7825369	32.7327713	27.2285938	24.0641385	23.2656957	23.4843978	24.102775
0.02193058	0.01762145	0.01205901	0.00927866	0.00835508	0.01679054	0.01343268	0.01439109
1.34107844	1.31985151	1.33214313	1.43293989	1.33050426	1.08813096	1.35210941	1.39402981
0.00671165	0.00682444	0.00704813	0.01464135	0.01482911	0.01766479	0.03014711	0.0366659
0.21811922	0.27099002	0.29529838	0.41226373	0.41024514	0.46676441	0.46598367	0.47597546
0.00783707	0.00792819	0.00824139	0.06984775	0.07329234	0.07489032	0.07741162	0.08113758
40.596284	43.2717813	44.7003789	43.8040692	46.1711006	49.8654449	52.5546773	55.5321742
0.1558532	0.15980055	0.16487221	0.1706234	0.17826027	0.18094642	0.18580519	0.18858207
7.16180595	6.18357729	5.75073621	6.06193957	5.5237622	4.84912524	4.51291958	4.14400078
232.39889	243.056094	258.399701	266.701507	260.86181	263.588479	265.325316	278.512637
2.39117557	2.11426625	1.62427793	1.66159033	1.71801099	1.74816167	1.74754411	2.13465073
13.26734	12.4448166	12.9730472	12.2994607	11.7264507	10.7678772	9.76445987	8.35813306
6.12506801	5.80227108	5.47371377	5.66821946	5.46991024	5.13893276	4.98509756	5.1792729
5.70227641	6.63413771	7.52746332	7.57590865	7.42020679	7.43913516	7.46459931	6.73818336
						1.8702E-09	
5.87453568	5.84014342	6.28332423	6.87921668	6.63791868	7.53655829	6.97762256	7.14509675
0.005223	0.00532511	0.00568542	0.04894155	0.05201609	0.05409282	0.05683458	0.06056933
0.00335796	0.00342368	0.0036134	0.03148316	0.03346735	0.03489465	0.03681101	0.03942975
0.01689791	0.01678318	0.01693717	0.01550058	0.01461268	0.01576645	0.01585568	0.01598855
0.87310594	0.78990821	0.78920712	0.75940908	0.72581424	0.7613032	0.81312555	0.91455735
1.6341E-06	1.6171E-06	1.581E-06	2.0383E-06	1.9036E-06	1.3545E-05	1.5226E-05	1.9709E-05
0.007967	0.00873877	0.00819	0.0079962	0.00899607	0.00870093	0.0091086	0.02159036
7.01043166	6.89449455	6.6474314	5.21066092	4.87098182	4.52760795	4.42835261	4.10233292
38.3218607	36.7386318	37.3983911	36.6310911	33.0513102	31.9207136	28.3525614	25.9048455
0.00636631	0.00680526	0.00748798	0.06580311	0.0707488	0.07311174	0.07709034	0.08195615
0.00031667	0.00035008	0.00033034	0.00099822	0.00097042	0.00092988	0.000897	0.00087852
0.14529521	0.16254384	0.1813707	0.19409283	0.25518849	0.2670981	0.27354623	0.29264184
0.48136338	0.45549272	0.43199503	0.40783404	0.39331257	0.37623651	0.3605178	0.34711956
43.9131951	43.3157966	45.7167271	48.6043711	46.5798566	46.6374021	50.9998193	51.6625997
3.33699512	5.76909973	5.34950097	5.49604023	5.76723799	6.1827298	6.61745168	7.10509997
22.2279095	21.3281588	21.7866237	22.077837	27.5644121	24.2257727	24.4164062	24.1473159
0.2365814	0.2426685	0.24951701	0.2561294	0.26706999	0.32342736	0.32279438	0.32388209
4.18917763	3.95880927	4.10620921	4.08764052	3.81363327	3.95248484	3.65893132	3.49207004
0.01152763	0.0147252	0.0183353	0.02039419	0.02151009	0.02257016	0.02118494	0.01893895
1.50500321	1.54776031	1.59238231	1.63591662	1.70361895	2.05018545	2.11752784	2.18911275
0.03899028	0.05291569	0.05214534	0.05782045	0.05628685	0.06537	0.0726754	0.09047738
0.00241004	0.00240536	0.00228758	0.00501571	0.00509521	0.00514388	0.00523753	0.00536012
8.2701E-05	0.00018237	0.00017018	0.00052815	0.00045637	0.00043861	0.00041639	0.00030599
10.1330637	8.66843339	8.46705713	7.80348967	7.54067903	7.13829785	6.04892651	5.36584368
7.78855231	7.99526431	10.438147	13.5533187	13.9821914	15.0859418	15.1586657	15.3284881
37.5691418	36.4872566	33.4040304	30.0571429	31.3010421	27.4112366	22.1637795	15.6102141
0.14942691	0.21468954	0.2152211	0.22975744	0.18803302	0.1416909	0.12701362	0.12157827
1.03788419	1.08506214	1.13276883	1.12352933	1.25099782	1.31954782	1.39243402	1.46945127
0.05228926	0.05268579	0.0554965	0.47973404	0.5241834	0.07597665	0.14504819	0.17117672
0.00164055	0.00192467	0.00184898	0.0059154	0.0059605	0.00571008	0.00563276	0.00548631
0.00814443	0.00839483	0.00890912	0.07815521	0.0828948	0.0894966	0.09329461	0.10061138
0.01121239	0.01111169	0.01141736	0.09594876	0.10013713	0.10193113	0.10481454	0.10799541

0.01473769	0.01751915	0.01735283	0.01718651	0.01718651	0.01718651	0.02005073	1.49307625
3.01950363	3.10092901	3.29390617	3.30457507	3.25404253	3.28520206	3.30607422	3.36712923
5.2412E-07	5.0691E-07	4.9576E-07	8.9568E-07	8.4978E-07	6.1116E-06	8.356E-06	1.0742E-05
0.11074197	0.10768275	0.11213693	0.11468868	0.11979627	0.13110389	0.14643238	0.15814262
0.00223955	0.00283844	0.00276715	0.00821644	0.00842863	0.00830388	0.00852198	0.0088577
0.00589516	0.00291966	0.00289194	0.00286422	0.00286422	0.00286422	0.00286422	0.00286422
0.02161762	0.02431145	0.02698727	0.02977634	0.03222695	0.03471807	0.03711178	0.03947561
0.02319409	0.02385189	0.02385147	0.02633472	0.02903906	0.03100316	0.03151178	0.034376
0.55907288	0.59002187	0.5729307	0.5006445	0.43059336	0.41330914	0.41994627	0.38708388
1.87759574	1.87453719	1.87120145	2.04518165	2.08528311	2.12824918	2.16835065	2.21131673
2.61524708	2.5128904	2.39696812	2.2502858	2.23746748	2.15955163	2.2317683	2.26707025
40.2896884	40.7965204	43.6382704	46.2688336	53.0752238	56.0723986	58.8526333	62.7558024
74.3498329	85.5902769	94.0898793	55.9651152	57.8927415	55.9349688	52.711706	53.4070366
0.33325013	0.39083594	0.44840099	0.50220091	0.55831126	0.62615022	0.69424248	0.75366816
53.2051802	53.7783247	65.7779576	72.8815552	94.9466252	100.482118	101.712073	105.393775
90.3273303	116.716831	125.146723	89.014076	13.8552408	19.3968464	22.8591682	24.9761248

0.06655583	0.0677546	0.0683766	0.07373136	0.0739804	0.08927089	0.10257592	0.10347792
3.74213221	4.00255785	4.29375736	4.32681134	4.37784629	4.4603718	4.51781897	4.64135289
0.09927034	0.09905679	0.102103	0.10472862	0.10434593	0.10971827	0.10604763	0.10947282
0.02528246	0.02503341	0.02646227	0.0339264	0.03228267	0.03898204	0.04089637	0.0501091
11.5693355	10.7167295	10.1797098	8.12768545	8.06069379	7.85966303	7.68006004	7.68118802
33.5341121	33.7759303	35.0632489	41.7805323	38.7540009	39.9103606	35.4877245	26.1104032
3.37502946	3.46237012	3.55210645	3.63893366	3.75801591	3.88257457	4.00467351	4.12686375
0.65951217	0.68402753	0.67575202	0.76845411	0.73879291	0.47612306	0.3764102	0.20136976
0.02984888	0.02988966	0.03056923	0.0702705	0.07177548	0.08504461	0.08808588	0.10069375
0.00027667	0.00027419	0.00027604	0.00063433	0.00064705	0.00065137	0.0006669	0.00068409
3.108E-07	3.0941E-07	3.0261E-07	3.6482E-07	4.615E-07	3.2314E-06	4.7307E-06	6.1836E-06
11.6197215	11.7234895	10.2150688	8.62164035	7.76730851	5.94314851	5.10598347	4.33961012
19.2218258	20.0547166	23.9465	14.0508249	3.07840299	14.3327517	25.2431378	27.3695195
0.01548565	0.01623588	0.01605012	0.03722314	0.03905496	0.04745731	0.0433096	0.0457813
0.01123665	0.0061422	0.00221909	0.02524883	0.02887831	0.03099106	0.03037528	0.03325475
0.02799864	0.02922868	0.03053465	0.25231317	0.25435464	0.23553194	0.21949878	0.21409402
35.4996584	42.0442463	41.4367584	49.6760848	47.0956004	40.4032986	34.3059682	44.2499195
0.00035738	0.00039236	0.00036481	0.00113887	0.00114379	0.00106081	0.00104356	0.0010346
0.10813542	0.05816864	0.06474091	0.04004974	0.04474627	0.0417348	0.04603069	0.05873514
0.01850611	0.01822768	0.01853074	0.1575057	0.16701854	0.1720561	0.17780933	0.17964098
0.10260653	0.13388973	0.16562718	0.16528491	0.18641367	0.12813032	0.14376654	0.13977694
0.01548489	0.01567493	0.0161199	0.01634022	0.01653764	0.01662537	0.01719477	0.01795608
0.03084819	0.05292552	0.07312402	0.09158458	0.09343491	0.09260255	0.08768438	0.0733657
0.00236022	0.00220914	0.00217256	0.00449085	0.00644254	0.00658082	0.00562819	0.0059119
0.38803528	0.39171121	0.32914178	0.34115122	0.34924054	0.36442293	0.37588525	0.3985905
0.00239816	0.02512355	0.04810717	0.06842515	0.08539003	0.08581514	0.08615991	0.08598741
0.38256821	0.42626878	0.47005614	0.49397905	0.54284044	0.6001293	0.66036213	0.72948886
0.0006307	0.00063155	0.0006326	0.00138655	0.00142296	0.00139779	0.00139797	0.00139352
12.0714019	11.7105239	11.8809475	12.4592169	12.58726	12.2237828	12.4380288	12.6580938
0.2020341	0.19415279	0.19442609	0.21545574	0.22376102	0.22413597	0.22215889	0.21377738
0.00168853	0.01864004	0.01954514	0.16695251	0.17716333	0.18298725	0.19116478	0.20251961

1.71365706	1.50946184	1.72034747	1.37279567	1.28283072	1.53919686	0.87004927	0.60767749
0.67376829	0.72478726	0.70303782	0.61823879	1.42341947	1.27203136	1.05387109	0.92750207

0.94241366	0.92589998	0.9080437	0.88922158	0.88727938	0.8921255	0.9007187	0.85768388
0.0227205	0.03124131	0.02992779	0.22010601	0.23458277	0.24204813	0.25252855	0.26817972
0.00188374	0.00210122	0.00216278	0.00579113	0.0058252	0.00555308	0.00514482	0.00512844
0.00589512	0.00875952	0.00867636	0.0085932	0.0085932	0.0057288	0.0057288	0.0057288
0.12141155	0.1289025	0.13906311	0.92053452	0.94750543	0.98055979	0.95813019	1.01617246
7.88216117	8.48332293	9.13209895	9.59542737	10.0494218	10.2137896	10.2261121	10.3780735
0.00927081	0.00956289	0.01006411	0.0865359	0.1031184	0.1031184	0.1088472	0.114576
0.00043271	0.00043793	0.00043962	0.00098799	0.0010056	0.00067933	0.00102411	0.0010557
0.00551388	0.00521626	0.00574537	0.07106942	0.07116863	0.07327244	0.07399996	0.07686436
101.532098	109.728729	129.503938	135.56382	141.91248	157.032501	161.742931	190.448345
0.09550856	0.08879963	0.09116224	0.09362444	0.09664981	0.09692196	0.10246031	0.10559635
5.71582906	5.341949	5.17254889	4.69346086	4.86775944	4.86011655	4.88842707	4.81167193
1.12283982	1.10593128	1.21668427	1.22394511	1.2859152	1.39278567	1.38893066	1.57000285
0.02829617	0.02978653	0.03131418	0.03287914	0.03132863	0.03272276	0.02977728	0.02938914
0.75762064	0.79102341	0.86741712	0.97676037	1.09879921	1.09553893	1.24740944	1.26727902
14.6633455	15.5667702	16.1516194	17.3858095	21.3953712	19.2754837	17.9552633	18.1781907
7.49830856	8.0752639	8.56580942	10.239911	7.55969059	8.97571921	8.84972529	9.16023022
0.02057079	0.01705777	0.01654182	0.01819503	0.01766996	0.02221929	0.02237842	0.0180539
3.94906778	3.46702702	3.22593725	3.19086189	3.26818716	2.90583263	2.66689511	2.66328752
4.37335877	4.50315098	4.49460864	4.53348057	4.2333583	4.1576026	3.82820276	3.41950997
0.13710398	0.13123043	0.13704025	0.13848891	0.13745666	0.12563446	0.12857887	0.19243975
0.00517833	0.00504845	0.00521998	0.50208449	0.55662172	0.61919597	0.66719904	0.69142818
93.0512593	90.2673786	80.401064	66.0423075	61.4057604	59.0465162	55.5122512	55.3695648
0.00864447	0.0085292	0.00813231	0.00794515	0.01288646	0.0155116	0.03857834	0.0315512
17.6689711	17.2840063	16.9301039	16.464321	15.5714652	14.470329	13.4280065	12.6137687
0.15694411	0.1516013	0.16486109	0.17405375	0.1698891	0.15539985	0.14399007	0.12938025
0.53383565	0.60867557	0.56764946	0.56774323	0.61586355	0.68598574	0.69359543	0.63956266
						3.642E-08	
6.22187627	7.26460513	8.04604507	8.59982509	8.40187618	8.98538389	8.76933132	8.78431643
0.00431925	0.0042738	0.00444061	0.03453481	0.03566308	0.03437049	0.03446378	0.03446481
12.019328	12.0999179	11.1638879	8.64188317	7.39775429	7.16207219	6.94401528	6.86945739
191.981559	199.520951	199.925668	218.562439	204.148025	190.098984	175.275714	161.750749
2.49926771	2.55792488	2.60688279	2.60338992	2.4180093	2.1735216	2.00426067	2.27561514
29.4574249	35.1694649	35.23766	43.4433077	54.6848894	56.2588423	55.5254737	54.5233509
2.49691269	2.40396143	2.38310016	2.62581292	2.27880985	2.34004469	2.20220536	2.00910911
5.44295094	5.48652861	5.52363609	5.55749667	5.63748627	5.71438061	5.78964988	6.51824203
7.64301282	8.36634708	8.6260139	9.43218248	9.45987135	9.68037028	9.98879754	10.0912424
0.90460896	0.90686007	0.90312497	0.90385337	0.90862366	0.9154021	0.9241162	0.92713972
0.30270534	0.29540615	0.30358606	0.36384714	0.40243869	0.4279367	0.47330284	0.50145924
6.7241E-05	4.9835E-05	4.8933E-05	4.0832E-05	1.8602E-05	1.2742E-05	2.2752E-05	3.2225E-05
0.00081821	0.00084207	0.00085113	0.00195352	0.002028	0.00207712	0.0021709	0.00225778
0.054354	0.05527963	0.05736386	0.47858318	0.49404492	0.50392496	0.51352992	0.53140519
0.0472894	0.04948766	0.05179482	0.05138052	0.05218813	0.05546408	0.05632833	0.05566728
0.12401786	0.11758836	0.12286673	0.999388	1.06902425	1.17164773	1.20864012	1.27057117
1.2781E-06	1.2009E-06	1.4237E-06	1.6143E-06	1.438E-06	9.3376E-06	6.3075E-06	7.2136E-06
0.00143597	0.00146961	0.00152609	0.01320865	0.01401103	0.01443759	0.01493977	0.01591933
0.03648009	0.05208509	0.06580652	0.0590264	0.05477578	0.09720226	0.08095258	0.10345857
1.88455034	1.91256733	1.88596746	1.82407902	1.69768903	1.60431629	1.6047836	1.61933302
1.54460441	1.4814319	1.49094057	1.65962955	1.53702352	1.68900837	1.46394154	1.31234573
0.1144657	0.10722456	0.11373107	0.12732121	0.13248328	0.14525008	0.13901643	0.14008335
0.12879185	0.13119729	0.13354768	0.13059758	0.11575861	0.10761991	0.08779354	0.15396279

7.6305E-06	1.0553E-05	9.1356E-06	4.0016E-06	4.1787E-06	1.73E-06	1.7991E-06	1.8234E-06
12.6500021	14.597453	18.6562126	21.359876	26.875807	26.4724692	30.1248646	30.6912086
4.4937E-05	6.306E-05	5.8829E-05	0.00019422	0.0001803	0.0001846	0.00019628	0.00020305
0.06858987	0.06603747	0.06759291	0.57335591	0.59359252	0.61167305	0.64526844	0.67553016
0.55414128	0.56644896	0.578424	0.5900664	0.64449	0.701778	0.7647948	0.8335404
11.1084941	11.9247687	13.9634128	14.9077557	16.4851031	15.6407328	14.3443618	13.604955
0.28676267	0.3100386	0.3163052	0.35130722	0.26596047	0.21526961	0.18510136	0.13343071
7.9377662	8.16579282	8.01559355	9.08829131	10.4360431	7.78751133	7.7288856	5.69498193

0.00025831	0.000269	0.00026965	0.00061468	0.00061624	0.00062062	0.00063062	0.00063905
1.17087663	1.1764142	1.15893069	1.16378227	1.06516918	0.95376981	0.97651232	1.03890582
2.75523498	2.70073798	2.74074245	2.49796729	2.75918629	2.88523982	2.61520854	2.51106685
5.35218942	5.06729822	5.48321729	5.08719861	4.80856779	4.98747072	4.82681153	4.93406303
1.15506227	1.09793021	0.93113887	0.80349158	0.74767122	0.70684739	0.71190014	0.69869209
1.216633	1.24204814	1.26368857	1.288454	1.31846118	1.35420807	1.40981055	1.52207834
1.8127494	1.8103008	1.82492772	1.847538	1.904826	1.9821648	2.0308596	2.0967408
54.3360475	56.0427833	55.4344851	62.9253865	55.1106658	54.2756423	50.6337818	44.2516933
0.01636527	0.01874127	0.018457	0.01880805	0.01946845	0.01652216	0.00930287	0.00594563
371.157531	375.692067	379.382036	378.385481	369.047271	366.09287	362.825181	365.918451
5.46802687	5.64138015	5.5640532	6.29239427	6.42495465	6.96855472	8.15042139	10.9560291
0.00031895	0.00036342	0.00034293	0.00108378	0.00109323	0.00106747	0.00103061	0.00106023
15.092096	16.2958457	16.9889702	18.9432246	20.499381	20.7955126	22.2522561	23.2420106
2.8622E-05	3.2436E-05	3.402E-05	0.00010515	0.00010767	9.4146E-05	6.8889E-05	7.4828E-05
3.75913227	4.19117895	4.40158908	4.84046855	6.09742832	7.00904031	7.88383284	8.20981669
0.00034879	0.00035606	0.00035656	0.00079432	0.00084873	0.00087781	0.00088454	0.00091775
0.0004753	0.00047225	0.00046609	0.00102912	0.00103784	0.00104843	0.00106006	0.00108288
0.59827112	3.70070576	4.11012296	4.13869547	4.28993086	3.92247869	4.70174235	5.8184919
36.2370546	37.3334521	36.684826	36.3213181	36.3249693	35.2221544	37.4788904	38.241629
1.79369855	1.83024996	1.856952	1.88615777	1.92809547	1.980407	2.01984062	2.06330038
0.97638207	0.92938826	0.93395343	1.01987491	1.13705846	1.12660052	1.01559126	0.94789111
2.8672E-05	2.7897E-05	2.8671E-05	2.6439E-05	2.8021E-05	2.4139E-05	2.2922E-05	2.3462E-05
0.00120646	0.00099639	0.00089293	0.00159216	0.00152404	0.00108526	0.00113324	0.00128966
0.0033591	0.00336182	0.00346567	0.00412906	0.00399275	0.00415504	0.00471433	0.00417947
1.1589E-06	8.2284E-07	8.4949E-07	8.2899E-07	8.377E-07	7.8167E-07	1.4341E-06	1.4988E-06
0.00260823	0.00239944	0.00279592	0.00313716	0.0020641	0.00093814	0.00046777	0.00040802
0.00105694	0.00086784	0.00070575	0.00058756	0.00058756	0.00058756	0.00046262	0.00046262
0.01469716	0.01481658	0.01765972	0.01685975	0.02029609	0.01861418	0.01885004	0.02099588
0.05491957	0.04670478	0.04099654	0.04249077	0.04739721	0.04575099	0.04726083	0.05055326
0.00307942	0.00307252	0.0030017	0.00279292	0.00305351	0.00105028	0.00194716	0.00047008
3.071E-06	2.8814E-06	3.6543E-06	8.58E-06	7.8698E-06	6.3325E-06	5.6275E-06	5.8985E-06
0.100656	0.10259039	0.10913069	0.11301594	0.11002139	0.09951099	0.1141026	0.12148009
0.02658063	0.02643043	0.02375287	0.03295869	0.03429544	0.0335998	0.03292016	0.0302572
0.00747284	0.0075297	0.00744314	0.00933983	0.00971615	0.00515447	0.00419343	0.00396623
0.00193359	0.0020514	0.00195944	0.00106119	0.00115017	0.00093182	0.00075503	0.00095257
0.0300027	0.0315349	0.03615816	0.04147685	0.04387975	0.040094	0.03375797	0.03942538
3.5913E-05	3.929E-05	4.6043E-05	4.6043E-05	3.2536E-05	3.6988E-05	4.2666E-05	3.3611E-05
0.00326387	0.00334657	0.00313245	0.00172287	0.00182887	0.00152585	0.0012515	0.00153876
0.00477919	0.00464451	0.00478119	0.00672032	0.00456261	0.00440656	0.00394222	0.0040758
0.02415033	0.03258505	0.03204253	0.01451563	0.00878517	0.00702275	0.00629615	0.00771598
1.2071E-05	1.1567E-05	1.2701E-05	1.57E-05	1.4717E-05	1.3558E-05	1.4767E-05	1.5901E-05
0.00060385	0.00061633	0.00059781	0.00044066	0.00046552	0.00039573	0.00039252	0.00040486

0.00435673	0.00389656	0.00521991	0.00337823	0.00327296	0.00137402	0.0009011	0.00035449
0.01065638	0.0106307	0.01033514	0.00842346	0.0082519	0.00506425	0.00534691	0.00408311
0.00270526	0.00274704	0.00264619	0.00180343	0.00193505	0.00166945	0.00167434	0.00169119
5.2175E-06	5.3264E-06	8.1987E-06	1.3243E-05	1.0912E-05	6.8839E-06	7.0098E-06	6.6798E-06
0.00393659	0.0037663	0.00438319	0.0064129	0.00725208	0.00701531	0.00795569	0.00913677
1.83720862	1.9151289	2.06862879	1.74879746	1.58691556	1.52848849	1.62082214	1.70890751
0.00030257	0.00030069	0.00029808	0.00027574	0.00027174	0.00022782	0.00020741	0.00021469
0.0001092	0.00012739	0.0001383	0.00014193	0.00015285	0.00019286	0.00019649	0.00021108
0.00017493	0.00014779	0.00020345	0.0040747	0.00403973	0.00411927	0.00415661	0.00445375
0.00143685	0.00152958	0.00147709	0.00133699	0.00132514	0.00154126	0.00145794	0.00127754
0.00114206	0.00114864	0.0010559	0.00054988	0.00058192	0.00049614	0.00038898	0.00043472
0.31364879	0.31212906	0.29721552	0.2790086	0.28101311	0.28516397	0.27815749	0.32407755
0.01419112	0.01306996	0.01285996	0.01458232	0.01564123	0.01412552	0.02020551	0.018331
0.03394286	0.03479609	0.03386696	0.03390965	0.0415719	0.04932521	0.03709945	0.03663823
1.97908239	2.08827807	2.06553187	2.00375669	2.09454745	2.18013575	2.31013428	2.42318577
0.00046173	0.00047919	0.00045763	0.00043658	0.00046178	0.00046227	0.000475	0.0004776
0.00096759	0.00179748	0.00112303	0.0019596	0.00169981	0.00180278	0.00169981	0.00174885
0.06593372	0.0681237	0.07041565	0.07271261	0.07348667	0.07588275	0.07831404	0.08085251
6.4159E-05	5.0652E-05	6.7536E-05	4.7275E-05	6.0782E-05	5.4029E-05	4.0522E-05	3.0391E-05
2.2756E-06	2.1848E-06	2.0039E-06	4.1435E-06	2.9576E-06	4.641E-06	4.5063E-06	6.4654E-06
0.05817757	0.051955	0.05397451	0.06034395	0.06688485	0.05390036	0.06606094	0.06793926
6.12E-05	5.8239E-05	5.4943E-05	2.7995E-05	3.099E-05	2.5983E-05	2.1582E-05	2.6372E-05
5.092E-05	5.165E-05	5.0458E-05	2.2867E-05	2.5814E-05	2.2648E-05	1.9307E-05	2.4084E-05
0.00812719	0.00829575	0.00822635	0.00881652	0.00908675	0.00649588	0.00661702	0.00691357
0.11882014	0.13315013	0.16275905	0.17863633	0.15191987	0.14464789	0.10026106	0.09991325
1.985E-06	1.9651E-06	2.4924E-06	6.0411E-06	5.4544E-06	4.4582E-06	3.7672E-06	4.2663E-06
0.00181141	0.00157372	0.00154069	0.00136492	0.00183231	0.00131061	0.00138545	0.00139741
0.09840109	0.09874584	0.09300231	0.06511287	0.04590603	0.06444572	0.0523332	0.04522028
0.218071	0.21912217	0.21482017	0.20895022	0.16123446	0.14866545	0.1333995	0.13078356
0.00030561	0.0002348	0.00040039	0.00013478	0.0001642	0.00013865	0.00012914	0.00014168
0.00017932	0.00018021	0.00017518	0.00011574	0.00012301	0.00010528	0.00010342	0.0001051
0.01274721	0.01247908	0.01170554	0.01155822	0.01216438	0.01180797	0.01193337	0.01149146
0.01385016	0.009142	0.00801057	0.00666121	0.00670085	0.00799976	0.00948308	0.01146893
0.00480313	0.00470733	0.00408691	0.00596254	0.00694214	0.00707366	0.00696168	0.00735043
0.01156698	0.01131514	0.01116081	0.0138752	0.01434983	0.01475104	0.01406583	0.01356863
0.02641287	0.02584834	0.02697214	0.02761897	0.02481295	0.02658062	0.0283534	0.02174686
4.0075E-05	4.5144E-05	4.7169E-05	5.8025E-05	6.3595E-05	2.3898E-05	4.7796E-05	5.4549E-05
5.9356E-05	4.3865E-05	3.7053E-05	1.6679E-05	1.9536E-05	1.6929E-05	1.5318E-05	1.7234E-05
0.0672422	0.0690299	0.09431914	0.11586492	0.11059305	0.09385241	0.08628258	0.09150774
0.00492327	0.00492341	0.00478096	0.004048	0.00388331	0.00229742	0.0021195	0.00215123
0.00031451	0.00041336	0.00049473	0.00055193	0.00650147	0.0126688	0.00428149	0.00082721
0.10478018	0.11248219	0.11638008	0.11025862	0.09793087	0.09814478	0.10869108	0.11664528
0.00105456	0.00103212	0.00106675	0.00116108	0.00109318	0.00119806	0.00125368	0.00148171
1.3255E-05	1.9552E-05	1.892E-05	1.2696E-05	1.1998E-05	1.0278E-05	1.0259E-05	1.0421E-05
0.13357463	0.13413608	0.13667146	0.13738566	0.1342865	0.13604047	0.11985438	0.12414196
0.00690302	0.00707807	0.00694395	0.0070156	0.00727376	0.00760967	0.00785384	0.00818038
0.1082041	0.11363566	0.10218072	0.09858845	0.09998132	0.1011139	0.09769653	0.10450635
0.00952224	0.00991005	0.00966004	0.01055532	0.0072743	0.00390221	0.00328201	0.00304785
0.00963319	0.00988155	0.0101593	0.01040402	0.01065007	0.01095512	0.01121135	0.01160173
0.00368791	0.00369227	0.00344113	0.00186503	0.00202187	0.00169809	0.00139222	0.001718
0.00038043	0.00038568	0.000377	0.00029335	0.0003753	0.00030219	0.00030935	0.0003089

0.0002106	0.00019894	0.0001852	9.1724E-05	0.00010133	8.6455E-05	7.1823E-05	8.3727E-05
0.00067868	0.00069493	0.00065053	0.00034449	0.00036829	0.00030022	0.0002397	0.00028728
1.0912E-05	1.4549E-05	3.6372E-05	1.4549E-05	1.4549E-05	1.4549E-05	1.0912E-05	1.8186E-05
0.01697706	0.01740663	0.02098118	0.02370219	0.02408601	0.02298027	0.02236892	0.02220864
1.7875E-06	1.7668E-06	1.9323E-06	3.8054E-06	3.5857E-06	3.1625E-06	3.832E-06	3.4759E-06
0.00888963	0.00825306	0.00838089	0.00959872	0.01084702	0.01183346	0.01227326	0.01249147
0.00083152	0.00092034	0.00092133	0.00061037	0.00067765	0.00059293	0.00063144	0.00067185
0.00728226	0.00604622	0.00576654	0.00574584	0.00552099	0.00550429	0.00556779	0.00565322
0.00390579	0.00463471	0.0043652	0.00339847	0.00252647	0.00420752	0.00341747	0.00378131
0.01018642	0.01043929	0.01067898	0.01080302	0.01081585	0.01092485	0.01098241	0.01102555
0.00426203	0.00381187	0.00510644	0.00603525	0.00418193	0.00309368	0.00275402	0.00288633
0.00467532	0.00476394	0.00467991	0.00467684	0.00451416	0.00413704	0.00395731	0.00374411
0.01171404	0.01109624	0.01096585	0.00959062	0.00863613	0.00726477	0.00585873	0.00553086
0.04007087	0.04270606	0.04404995	0.30106857	0.31130009	0.32095298	0.33221457	0.34484915
0.82216436	0.82544548	0.84306756	0.84641289	0.90315621	0.91699991	0.95594798	1.0405894
0.00906525	0.00814655	0.00815844	0.00790294	0.0079797	0.00676591	0.00699601	0.00661715
0.03179225	0.03190118	0.03509495	0.0359325	0.04146171	0.04165036	0.03513963	0.0367096
0.0061624	0.00708973	0.00767974	0.00761912	0.00674638	0.00844775	0.00932145	0.00979393
0.00103971	0.00108709	0.00108675	0.00110173	0.00103429	0.00088052	0.00088611	0.00112862
0.00487673	0.00477055	0.00472034	0.00353388	0.00347676	0.00182908	0.00261532	0.00293743
0.07870224	0.07564404	0.08249407	0.08172264	0.07643192	0.07626497	0.07174339	0.07369323
0.0060501	0.00605923	0.00855986	0.01124212	0.01109353	0.01013542	0.00826436	0.00936158
0.00142833	0.00130386	0.00130425	0.00141498	0.0012481	0.00141134	0.00140454	0.00180899
0.34286936	0.36327293	0.37623416	0.40911167	0.40637731	0.39724124	0.3867448	0.37824299
0.17065255	0.18034916	0.17539666	0.19562466	0.19763341	0.21020398	0.17759642	0.13714957
0.00608226	0.0063188	0.00650963	0.00684213	0.00681489	0.00672095	0.00672568	0.00662814
0.01315075	0.01410596	0.01372706	0.01650172	0.01443604	0.00560651	0.00472758	0.00606427
0.00025355	0.00015053	0.00030252	0.01164399	0.01144455	0.01161512	0.01166187	0.01235309
9.6198E-07	9.078E-07	8.6233E-07	3.7809E-06	3.852E-06	4.053E-06	4.0573E-06	4.899E-06
6.3288E-05	6.3286E-05	6.3387E-05	6.3992E-05	5.0423E-05	5.0932E-05	6.4081E-05	7.6524E-05
0.05040349	0.05815143	0.06114533	0.07973687	0.09023219	0.09477234	0.10794284	0.11987423
0.00536409	0.00704262	0.00921989	0.00219453	0.00051013	0.00303044	0.00392039	0.00343206
0.00012152	7.4807E-05	0.00015177	0.00585414	0.00584631	0.00599762	0.00609418	0.00646267
0.00032755	0.00022625	0.00035456	0.00035456	0.00060782	0.00037145	0.00119782	0.0016378
0.0012658	0.00149669	0.0013461	0.00064178	0.00064205	0.0004852	0.00035527	0.00040537
0.00131292	0.00118692	0.00126252	0.00131292	0.00137363	0.00150646	0.00128772	0.00162359
0.00018525	0.0001863	0.00017961	0.0001233	0.00013275	0.00011406	0.00010966	0.00011339
0.01909786	0.0179681	0.01921975	0.02115765	0.0205029	0.02383339	0.02100601	0.01344939
0.00071354	0.00069821	0.00065339	0.00034269	0.00036458	0.00029537	0.00023214	0.00028239
0.00718186	0.00717301	0.00697819	0.00626199	0.00629103	0.00344692	0.00285422	0.00303248
0.00495587	0.00519484	0.00557108	0.00523795	0.00485175	0.0044657	0.0049192	0.0044187
0.00290772	0.00291599	0.00283901	0.00271262	0.00189762	0.00167367	0.0028513	0.00299134
4.8684E-05	4.5205E-05	4.4269E-05	0.00011335	0.00010518	0.00011684	0.00012472	0.00018627
0.00634631	0.00732279	0.00997642	0.00849947	0.01187102	0.01107811	0.00971354	0.01034324
0.00230392	0.00244946	0.00239414	0.00301801	0.00346827	0.00092453	0.00097093	0.00068644
0.00259701	0.00291537	0.00288177	0.00284455	0.00232718	0.00235558	0.00250367	0.00200043
3.7207E-06	4.2204E-06	4.0191E-06	2.0141E-05	2.059E-05	2.2195E-05	2.4014E-05	4.8902E-05
0.1375547	0.1213522	0.12542004	0.11242678	0.09510674	0.08447356	0.08893225	0.07776421
0.0012653	0.00113165	0.00151598	0.00225666	0.00190252	0.00180166	0.00175615	0.00144964
0.00144316	0.00142539	0.00136501	0.0007195	0.00078889	0.00064416	0.00052038	0.00063948



0.00139708	0.0012587	0.00122565	0.00114055	0.00114696	0.0012488	0.00067914	0.0108114
0.00624982	0.0064978	0.00642509	0.0057579	0.00940443	0.0073906	0.00633607	0.00503566
0.0183881	0.01815851	0.01806526	0.01809554	0.01791096	0.01791826	0.01825081	0.01868755
0.00063944	0.00063327	0.00060278	0.00051614	0.00055393	0.00063738	0.00057227	0.00057565
0.00022753	0.00023174	0.00022912	0.00018051	0.00018378	0.00015979	0.00016493	0.00016626
0.00903852	0.00819911	0.00896796	0.00820212	0.00768722	0.00838627	0.00818403	0.00717924
0.00239038	0.00242066	0.00234099	0.00478523	0.00495162	0.00494334	0.00470256	0.00518073
0.02093196	0.01995011	0.02654859	0.02762595	0.02995712	0.03180666	0.03209222	0.03361607
0.00090138	0.00076628	0.00065295	0.00024487				
0.00129915	0.00140292	0.00162767	0.00104783	0.00108711	0.00092996	0.00089996	0.00121634
2.3898E-05	2.3898E-05	2.3898E-05	6.001E-05	4.6502E-05	3.9488E-05	6.3126E-05	4.2605E-05
0.01994674	0.02175693	0.02225661	0.0251607	0.02790536	0.03153217	0.0343203	0.03738058
0.00610954	0.00338392	0.00324259	0.00395304	0.00503493	0.0034677	0.00340758	0.00339293
0.02106361	0.01938009	0.01921907	0.02526427	0.02241978	0.02112019	0.02048561	0.02041384
0.0274861	0.02698827	0.02740579	0.0265385	0.02404668	0.02287134	0.02357661	0.02615248
0.00186952	0.00173517	0.00130521	0.00176461	0.00200108	0.00164603	0.00178216	0.00226184
0.02151688	0.02489417	0.02387604	0.01399619	0.01432611	0.0148	0.01674629	0.01740866
0.000261	0.00026649	0.00030457	0.00199662	0.00590817	0.00492146	0.00337357	0.00250959
0.08522443	0.08893566	0.09117986	0.09565948	0.09681991	0.10066932	0.10650259	0.11107062
0.00383526	0.00274049	0.00331242	0.0031185	0.00387221	0.00447609	0.00455047	0.00388827
0.01650028	0.01262724	0.00940011	0.00816229	0.00863635	0.00857984	0.00842671	0.00798841
0.01881528	0.02046851	0.01841941	0.03310401	0.03235962	0.03258905	0.03555484	0.03621503
0.00020431	0.00019556	0.00020422	0.00020637	0.00020484	0.00018722	0.00019161	0.00028677
0.00030374	0.0002427	0.00031233	0.00600344	0.00594953	0.00610385	0.00615185	0.00655984
0.1096041	0.112987	0.11111745	0.08834766	0.09103763	0.08412421	0.11553952	0.11773534
0.00285911	0.00251714	0.00228638	0.0015593	0.00161224	0.00153213	0.00148257	0.00152237
0.21148814	0.21376134	0.20724725	0.20373885	0.18656343	0.17309273	0.16127069	0.14492197
0.0322698	0.03366338	0.03526038	0.0556849	0.05575386	0.05460884	0.05404678	0.05623717
0.03923635	0.0450821	0.04932149	0.04510669	0.04648801	0.06601653	0.06245299	0.0739341
5.029E-05	4.7487E-05	4.3965E-05	8.9259E-05	9.1825E-05	9.3976E-05	9.1438E-05	0.00010355
0.00199108	0.00158266	0.00151598	0.00156046	0.00161587	0.00171153	0.00176198	0.00180278
0.00086479	0.0008062	0.00077663	0.00057916	0.00067241	0.0004542	0.0003946	0.00040509
0.05089983	0.05454802	0.05142961	0.03781585	0.03239127	0.01671741	0.01353532	0.02487251
0.21600132	0.22049176	0.21498093	0.21518904	0.16485555	0.18934143	0.16850122	0.14752552
0.00022917	0.00025143	0.00022119	0.0002066	0.00021043	0.00020339	0.00018922	0.00012967
0.01392964	0.01561757	0.01652378	0.02380965	0.02420315	0.0265173	0.02578027	0.03133502
0.0082911	0.00741537	0.00993376	0.01069301	0.00705903	0.00948348	0.00433016	0.0041269
0.03463366	0.03527133	0.03583783	0.03662381	0.03738267	0.03767543	0.03737378	0.04284172
0.00052485	0.00047134	0.00022418	0.00025821	0.0002673	0.00029925	0.00029302	0.00032757
0.0007602	0.00064882	0.00063302	0.00063437	0.00054442	0.00062899	0.00068796	0.00076296
1.2199E-06	7.6967E-07	8.3748E-07	2.9285E-06	1.5716E-06	1.576E-06	1.7078E-06	2.3277E-07
9.8563E-06	9.9767E-06	1.1221E-05	0.00015864	0.00015726	0.00016164	0.00016233	0.00017778
0.00201528	0.00199001	0.00179921	0.00089559	0.00093998	0.00073184	0.00057122	0.00067211
0.01207985	0.0112845	0.01057415	0.01144346	0.01303012	0.01206838	0.01130053	0.0111633
0.00251304	0.00250537	0.00234416	0.0012454	0.00131332	0.00111445	0.00089855	0.00111087
1.3861E-05	1.3969E-05	1.4269E-05	1.2775E-05	1.271E-05	1.0443E-05	8.9335E-06	9.0561E-06
3.7662E-05	3.5565E-05	3.2454E-05	1.7808E-05	2.0177E-05	1.6697E-05	1.3868E-05	1.7256E-05
0.00070114	0.00074259	0.00079501	0.00105612	0.00131514	0.00122267	0.00126181	0.00129116
0.02274491	0.02323862	0.02406146	0.02262885	0.02025546	0.01809901	0.02130976	0.02432863
0.00252907	0.00226194	0.00303013	0.00420134	0.0038852	0.00354544	0.00358228	0.00398147

0.1501406	0.15515171	0.15391215	0.15387458	0.15693651	0.15212756	0.15815096	0.15840115
0.00195328	0.00196826	0.0019971	0.00297513	0.00290301	0.00249403	0.00227991	0.00394037
0.0001162	0.00012173	0.00010761	2.8121E-05	3.9707E-05	3.3051E-05	3.2517E-05	3.351E-05
0.00661519	0.00613972	0.00322636	0.00327728	0.00385409	0.0041149	0.004353	0.00477446
7.0931E-06	8.3691E-06	8.0729E-06	6.0576E-06	6.1555E-06	3.9166E-06	6.6494E-06	7.2275E-06
0.00172046	0.0016921	0.0015829	0.00089191	0.00095999	0.0008069	0.00066069	0.00079783
1.2275E-05	1.2275E-05	1.2275E-05	3.929E-05	7.6434E-05	2.5782E-05	1.2275E-05	0.00013384
0.0936444	0.09467803	0.1242267	0.11858924	0.12616198	0.15470911	0.13465254	0.1423289

0.00023054	0.00023453	0.00023445	0.0003658	0.00032896	0.00016458	0.00023381	0.00031757
4.4673E-06	2.53E-06	5.5868E-06	0.00022995	0.00022696	0.0002317	0.00023363	0.00023503
3.2358E-06	3.8951E-06	4.4195E-06	1.127E-05	1.1708E-05	1.2139E-05	1.1867E-05	2.1073E-05
0.0003838	0.00093791	0.0009795	0.00102887	0.00082066	0.00080835	0.00073026	0.00081256
0.00189863	0.0024761	0.00312467	0.00319833	0.00285001	0.00312548	0.00285255	0.00257321
0.02698384	0.02849879	0.02936768	0.03162242	0.03716455	0.03403056	0.03489831	0.0338698
0.04585795	0.05290976	0.05152733	0.05310621	0.05599712	0.0597792	0.05957566	0.06058675
0.02535172	0.0261195	0.02682552	0.02754259	0.02825834	0.02894114	0.03005639	0.03098706
0.01697762	0.01808999	0.01955678	0.02105855	0.02280055	0.02455794	0.02556228	0.02698992
0.16674383	0.17382061	0.16960951	0.19076612	0.18872662	0.18184818	0.12162299	0.08373804
0.00924894	0.00917992	0.00940035	0.00872763	0.00929813	0.01006457	0.00958292	0.00849454
2.5223841	2.55693464	1.13658248	1.05253305	1.0420434	1.03186837	0.91168395	0.90636404
0.00071233	0.00070651	0.00068522	0.00049896	0.00046939	0.0003696	0.00032155	0.0002772
0.00020026	0.00019894	0.0001883	0.00012446	0.00013211	0.00011203	0.00011046	0.00010826
0.02917931	0.02608947	0.03052467	0.03001769	0.0289	0.02733283	0.02853149	0.02892677
1.7134E-05	1.7658E-05	1.8097E-05	1.2888E-05	1.4706E-05	1.1611E-05	1.2362E-05	1.1694E-05
0.11605372	0.11276716	0.11400389	0.11388918	0.11733355	0.12071387	0.1262832	0.12037879
5.3784E-06	6.43E-06	5.5826E-06	3.5097E-05	3.4005E-05	3.0253E-05	3.031E-05	3.3901E-05
1.2085E-05	1.1264E-05	1.314E-05	9.0135E-05	8.9561E-05	8.9097E-05	9.2382E-05	0.00010225

0.17376579	0.18156999	0.17574235	0.17260445	0.15796032	0.15300549	0.13248278	0.13900095
0.0255924	0.02657369	0.02693079	0.02667151	0.02738423	0.02810268	0.02845276	0.02795558
0.01252747	0.01209695	0.01216275	0.01591671	0.01471678	0.01356535	0.01295266	0.00838315
5.6449E-05	6.1447E-05	9.0126E-05	8.1684E-05	9.4357E-05	0.00010833	0.00010904	0.00012563
0.00080434	0.00074503	0.00066481	0.0006212	0.00062265	0.00038917	0.00041221	0.00036346
0.00018228	0.00027683	0.00026007	0.00031072	0.00026007	0.00018356	0.00013392	0.00018795
5.1067E-07	3.9522E-07	4.1158E-07	4.4236E-07	4.6175E-07	4.8665E-07	4.8869E-07	5.0304E-07
0.00028703	0.00028744	0.00028457	0.00015215	9.6335E-05	5.4019E-05	9.2733E-05	0.00011344
0.00043835	0.00040358	0.00042609	0.00045515	0.00043617	0.00046665	0.00050063	0.00053401
0.01559886	0.01706403	0.01830341	0.02018874	0.0205871	0.02243718	0.02712491	0.03003275
0.01828877	0.02485339	0.02348879	0.0202472	0.02182786	0.02100774	0.02033008	0.02048776
0.00195525	0.00189963	0.00180232	0.002229	0.00281909	0.0017021	0.00035918	0.00036196
7.3633E-05	7.8494E-05	7.9844E-05	7.1398E-05	6.8599E-05	7.1766E-05	6.9951E-05	7.931E-05
0.05648736	0.05802472	0.06097406	0.06287171	0.06284706	0.05852329	0.05890093	0.05988096
0.01388205	0.01655636	0.01579577	0.01833115	0.02052248	0.02181437	0.02527288	0.02952857
0.00690342	0.00693079	0.00692362	0.00792279	0.00805818	0.00758323	0.0074781	0.00538579
3.0183E-05	4.5052E-05	3.6381E-05	0.00011909	0.00015729	0.00031796	0.00040617	0.00042604
0.01315478	0.01379187	0.0149831	0.02087083	0.02187469	0.02265469	0.02399212	0.02486879
2.8316E-05	2.4939E-05	2.4939E-05	2.8577E-05	2.8577E-05	3.1954E-05	3.5591E-05	3.8447E-05
9.8197E-05	9.9177E-05	6.176E-05	0.00019095	0.0002521	0.00052037	0.00065588	0.00068345
0.00310203	0.003438	0.00341286	0.00375522	0.00394884	0.00439143	0.00458836	0.00476479
0.01143261	0.01228905	0.01220131	0.01298713	0.01221221	0.01155199	0.01132292	0.01057292

0.01108141	0.01191361	0.01223787	0.01290721	0.01212605	0.01561112	0.01706181	0.01753978
0.00053021	0.00054207	0.00061705	0.00068507	0.00062086	0.00056215	0.00058006	0.00062686
0.00270794	0.00314158	0.00327126	0.00301021	0.0024459	0.00191156	0.0016616	0.00019281
0.01983484	0.01927079	0.01828346	0.02256207	0.02124228	0.02154024	0.01888079	0.01724578
5.6015E-05	4.3287E-05	6.4105E-05	0.0005526	0.00057876	0.00053696	0.00054533	0.00050708
0.00017325	0.00020125	0.00024497	0.00015208	0.00013195	0.00010798	0.00012047	0.00012003
0.00130163	0.00140272	0.00147903	0.00164208	0.00170903	0.00210861	0.00206797	0.00252773
0.03403584	0.03195526	0.03059701	0.03059965	0.03410799	0.03971557	0.04038285	0.04315593
0.00024599	0.00023571	0.00026599	0.00027589	0.00026952	0.00028536	0.00027345	0.00026633
0.00179882	0.00189262	0.0019512	0.00202082	0.00216825	0.00241551	0.00273403	0.00312424
5.3235E-05	5.3525E-05	5.249E-05	0.00014913	0.00015135	0.00015327	0.00015557	0.00016648
0.00021131	0.00034563	0.00035141	0.00042158	0.000323	0.00037122	0.00037203	0.00036984
4.362E-05	4.1255E-05	2.885E-05	7.849E-05	0.00010057	0.00018633	0.0002294	0.00021817
0.04235124	0.04641185	0.05982716	0.06858651	0.06831199	0.07702296	0.07679489	0.08341335
0.0141734	0.01420228	0.01430186	0.02111726	0.02241797	0.0225044	0.02281336	0.02402167
0.00479397	0.00581674	0.00680882	0.00650294	0.00593484	0.00784113	0.00847997	0.00966509
0.12367842	0.13561746	0.14673742	0.1577084	0.17209532	0.19200158	0.22559631	0.2486688
0.00070613	0.00062061	0.00038989	0.00034224	0.00037189	0.00039446	0.00059787	0.00071668
5.4558E-05	5.0921E-05	4.3646E-05	4.0009E-05	4.0009E-05	3.6372E-05	2.9098E-05	3.2735E-05
0.00016055	0.00014964	2.8837E-05	2.8837E-05	2.4939E-05	2.1302E-05	1.7926E-05	2.4679E-05
3.6372E-06	3.6372E-06	3.6372E-06	3.6372E-06		7.2744E-06	3.6372E-06	3.6372E-06
1.772E-05	1.722E-05	1.5149E-05	1.3312E-05	9.8253E-06	1.5686E-05	1.657E-05	1.4581E-05
0.00695381	0.00720321	0.00686083	0.00707195	0.00726632	0.0086713	0.0096289	0.00947627
9.9316E-06	9.3829E-06	6.5687E-06	1.2996E-05	1.6025E-05	1.7778E-05	1.9693E-05	1.9716E-05
9.6726E-06	1.2365E-05	1.0497E-05	1.6535E-05	2.1154E-05	2.3241E-05	2.4426E-05	2.7249E-05
0.00019495	0.00022562	6.0186E-05	6.746E-05	0.00033739	0.0008585	0.00068812	0.00112261
0.02817242	0.03041755	0.02968742	0.03328786	0.02917387	0.03134088	0.02292481	0.0238152
6.5915E-05	7.4248E-05	7.4473E-05	6.9377E-05	6.5951E-05	6.9934E-05	6.4744E-05	7.6662E-05
0.00041037	0.00040051	0.00045069	0.0004887	0.00050773	0.000846	0.00083921	0.00087143
0.01890365	0.01868596	0.01953766	0.02001504	0.01976164	0.01955677	0.02008543	0.02178195
0.16418696	0.17501472	0.17664103	0.17066216	0.17479003	0.17848693	0.17774924	0.18434291
0.00012906	0.00011942	0.00019299	0.00029442	0.00037715	0.0003122	0.00031281	0.00030971
1.2681E-05	1.4505E-05	1.4554E-05	4.5304E-05	4.578E-05	4.42E-05	4.3997E-05	4.5983E-05
0.02565925	0.02577672	0.0255766	0.02569656	0.02971427	0.03052745	0.03246687	0.03445372
0.00370047	0.00322362	0.00303102	0.00278782	0.00278302	0.00368637	0.00365186	0.00485531
0.01024628	0.01311703	0.01348728	0.01303454	0.01329434	0.01346109	0.01377996	0.01440745
0.00060072	0.0004877	0.00052478	0.00077255	0.00103044	0.00143235	0.00097786	0.00095912
0.01405945	0.01454783	0.0166112	0.01801278	0.0190758	0.01964821	0.02075213	0.0211162
8.8105E-05	8.5767E-05	8.5767E-05	8.7811E-05	0.0001264	0.00022701	0.00030191	0.0002864
1.7271E-05	1.691E-05	1.3647E-05	2.2563E-05	2.9522E-05	2.6699E-05	2.5009E-05	2.4255E-05
0.01825877	0.01670068	0.03663365	0.02104241	0.02137283	0.02408782	0.02148643	0.0236493
0.01982912	0.01819366	0.0155951	0.0223354	0.02033607	0.01649757	0.01283375	0.01540396
7.2484E-05	7.4822E-05	7.4822E-05	7.4043E-05	6.8587E-05	6.5469E-05	7.6381E-05	6.9107E-05
0.039255	0.04023304	0.04112281	0.04577367	0.04420882	0.03862148	0.04446643	0.04983031
0.00031935	0.00031035	0.00032358	0.00030502	0.00027243	0.00031111	0.00035164	0.00030449
2.8329E-06	5.3325E-06	7.842E-06	6.9443E-06	6.522E-06	6.4693E-06	6.4448E-06	6.2906E-06
0.05523074	0.05088671	0.05899157	0.056715	0.06377274	0.06217086	0.05900495	0.06001136
0.00027445	0.00027801	0.0001923	0.00026527	0.00048032	0.00043634	0.00045326	0.00037571
0.05127845	0.0500903	0.05018799	0.05513611	0.0546533	0.06005266	0.0705052	0.08174004
0.00778177	0.00738788	0.00673828	0.00881095	0.00581451	0.00407079	0.00293904	0.00202237
						2.1823E-05	2.546E-05

5.712E-05	6.048E-05	6.72E-05	6.384E-05	7.392E-05	8.064E-05	8.4E-05	8.736E-05
0.00017628	0.00016909	0.00010897	0.0003226	0.00034259	0.00063702	0.00079384	0.00081719
0.00027505	0.00032121	0.00035681	0.00039159	0.0003955	0.00038945	0.00042543	0.00044399
3.6985E-05	3.4982E-05	2.4462E-05	4.1043E-05	5.2031E-05	5.8317E-05	6.7049E-05	7.0419E-05
3.6342E-05	3.9675E-05	2.814E-05	7.013E-05	8.7916E-05	0.0001359	0.00016387	0.00016289
1.8186E-05	1.8186E-05	1.8186E-05	2.1823E-05	2.1823E-05	2.1823E-05	2.1823E-05	2.1823E-05
0.00973401	0.01036157	0.01143724	0.0120483	0.0120363	0.01430344	0.01391016	0.01498084
2.1142E-05	2.3275E-05	2.3352E-05	3.0486E-05	2.9441E-05	3.1555E-05	3.5532E-05	4.1781E-05
0.00211681	0.00232639	0.00400737	0.0049057	0.00571387	0.0065048	0.00695507	0.00731596
0.00010561	0.00012887	0.0001492	0.00032474	0.00034638	0.0003155	0.00037015	0.00036848
0.00244381	0.0019904	0.00186497	0.00192514	0.00198226	0.00198219	0.0019881	0.00206557
0.00449623	0.0047158	0.00508946	0.00539754	0.00639047	0.00693529	0.0070711	0.00492674
4.0009E-05	4.3646E-05	4.0009E-05	2.546E-05	1.8186E-05	0.00010573	0.0001855	0.0003637
0.00284662	0.00728463	0.00832461	0.00314434	0.00226371	0.00298384	0.00360536	0.00265533
0.00056876	0.00058383	0.00060358	0.00059422	0.00055915	0.00014729	8.8326E-05	2.9098E-05
0.01163157	0.01020827	0.00926421	0.00853908	0.010166	0.0100167	0.00998377	0.01015661
0.00912459	0.00990892	0.00966886	0.01245683	0.01395534	0.01445401	0.02301532	0.02975415
0.05696203	0.05680272	0.06285487	0.0713831	0.08091145	0.08802787	0.0928523	0.09864294
0.00358115	0.00404052	0.00435479	0.00431289	0.00439286	0.0045008	0.00490921	0.00521094
0.02104095	0.02192692	0.02345653	0.02827945	0.03060155	0.03202522	0.03837991	0.04536368
0.00627214	0.00830586	0.00821272	0.00719265	0.00773636	0.02318429	0.04103312	0.04908333
6.9385E-06	3.5785E-06	3.5785E-06	3.5785E-06	3.5785E-06	3.5785E-06	1.5494E-05	1.5494E-05
0.00543422	0.00632078	0.00746742	0.00774287	0.00788659	0.0092059	0.00900278	0.01008768
0.03964953	0.04151886	0.04083074	0.04409458	0.04331471	0.04398491	0.04458462	0.04598972
0.00195047	0.00217148	0.00260831	0.00197687	0.00199106	0.00299287	0.00371222	0.00339525
0.00155014	0.00141441	0.00144489	0.00154177	0.00168464	0.00200793	0.00213688	0.00223369
0.22916979	0.26253968	0.28149889	0.2704866	0.27307399	0.28520345	0.2733554	0.31146932
0.02300037	0.02294674	0.02264036	0.02463003	0.02425012	0.02388214	0.02152195	0.02200606
0.00203159	0.00206551	0.00213467	0.00212185	0.00219366	0.00227821	0.00235436	0.00139049
0.00127225	0.00132468	0.00139341	0.00143904	0.00144296	0.00115748	0.00055129	0.00036244
0.00021154	0.00020991	0.00020034	0.00043143	0.0004373	0.00044209	0.00044278	0.00046265
7.2098E-06	7.0033E-06	6.1672E-06	5.4661E-06	5.876E-06	6.4276E-06	6.7907E-06	5.9863E-06
1.2537E-05	1.4206E-05	1.4254E-05	1.2417E-05	1.5989E-05	1.6684E-05	2.0116E-05	2.4052E-05
0.00897927	0.01385953	0.01457933	0.01803919	0.02213422	0.02684358	0.02822558	0.03268813
0.01702112	0.0187617	0.01996398	0.01685895	0.00468226	0.01018471	0.01086672	0.01371288
0.00014586	0.00014482	0.00014431	0.00025571	0.00027652	0.0002871	0.00029461	0.00029909
0.00144324	0.00129892	0.00129026	0.00126252	0.00141221	0.00120573	0.00146051	0.00163956
0.00017013	0.00020965	0.00011935	0.00014172	0.00011904	0.00019819	0.00022733	0.00021816
0.00497241	0.00564202	0.00540985	0.00536548	0.00536548	0.00536548	0.00562306	0.00714039
3.5877E-05	4.8528E-05	4.8683E-05	7.6449E-05	7.6519E-05	7.6232E-05	7.4576E-05	8.1479E-05
0.00051385	0.00018867	4.62E-05	6.6328E-06	0.00019242	0.0006995	0.00031352	0.00029327
3.2371E-05	2.0982E-05	2.141E-05	5.1889E-05	6.4478E-05	0.00011485	0.00013742	0.00014101
0.00454255	0.0045047	0.00441586	0.0056393	0.00616917	0.00377404	0.00297398	0.00274961
0.00100011	0.00111598	0.00116231	0.00099392	0.00102602	0.00104005	0.00099589	0.0009683
0.0044864	0.00435872	0.00413425	0.00653787	0.00601745	0.00520803	0.00474923	0.00502484
0.00033045	0.00031592	0.00029713	0.00027224	0.00029213	0.00033768	0.00039144	0.00036885
0.00245437	0.00260496	0.00259191	0.00269156	0.00282326	0.00338629	0.00402182	0.00486686
0.00467185	0.00474102	0.0048093	0.00529257	0.00500367	0.00506863	0.00398561	0.00325487
0.00023275	0.00022548	0.00022912	0.0002182	0.00022548	0.0002182	0.0002182	0.00022548
2.7486E-05	3.2445E-05	2.8563E-05	3.0714E-05	3.2683E-05	3.6144E-05	4.4551E-05	8.2237E-05

0.02623655	0.02623605	0.02758367	0.02852296	0.05615257	0.06043537	0.06331437	0.06753144
0.0014302	0.00140181	0.00139366	0.00156387	0.00157737	0.00157737	0.00164544	0.00164852
7.9999E-05	4.1953E-05	5.8969E-05	0.00012938	0.00016314	0.00027215	0.00032671	0.00033142
0.00039304	0.00043683	0.00047425	0.0005704	0.00053256	0.00049033	0.00066302	0.00060353
0.00250156	0.002439	0.00236343	0.00205952	0.00207425	0.00212816	0.00262123	0.00312465
0.00202442	0.00217955	0.00205184	0.00210566	0.00234227	0.00218035	0.00206938	0.00185737
0.00054398	0.00054944	0.00056673	0.00020934	0.00017465	0.00012062	0.00012769	0.00011692
0.00013257	0.00016465	0.00013288	0.00018446	0.00024585	0.000671	0.00068898	0.00066652
0.00016774	0.00021756	0.00029293	0.00037396	0.00030931	0.00034422	0.00044367	0.00044652
0.00119529	0.00124533	0.00102183	0.00253159	0.00289243	0.00274338	0.0026724	0.00281279
7.4713E-05	7.0921E-05	6.3914E-05	0.00015267	0.00022254	0.00038804	0.00043037	0.00044318
0.00757254	0.00812396	0.00838203	0.01155878	0.01590854	0.01857959	0.02428186	0.02852175
0.00035351	0.00037153	0.00024865	0.00037873	4.483E-05	1.2969E-05	6.2924E-05	6.3555E-05
0.00027016	0.00023564	0.00023012	0.00023682	0.00026458	0.00028771	0.00032151	0.00028574
0.00010856	0.0001122	9.0709E-05	0.00010023	0.00009296	8.7962E-05	9.5598E-05	8.699E-05
0.00598352	0.00637184	0.00617569	0.0058264	0.00523802	0.00561098	0.00597186	0.00520386
0.00064806	0.00240442	0.00229694	0.00271258	0.00291832	0.00289876	0.00267654	0.0028711
0.02727673	0.02873979	0.03084465	0.04112378	0.04342009	0.04396458	0.04773279	0.04856335
0.00444081	0.00468403	0.00419102	0.00476272	0.00534098	0.00486533	0.00544252	0.00546654
7.7305E-06	2.3191E-05			2.9823E-05	4.8463E-05	5.9647E-05	7.8286E-05
0.00511094	0.00527664	0.00537939	0.02055794	0.02084355	0.02038523	0.02087508	0.02034806
0.0055419	0.00540477	0.00550172	0.00593095	0.00619871	0.00765367	0.00866989	0.00921871
0.01004051	0.01127615	0.0124052	0.01232465	0.01357707	0.01541125	0.01784724	0.01813426
0.00147482	0.00160697	0.00121905	0.0014191	0.00136481	0.00179496	0.0015441	0.00135739
0.00369569	0.00379614	0.00388043	0.00368867	0.00340151	0.00385153	0.0034828	0.00353754
0.01188963	0.01205094	0.01320019	0.01263062	0.00867477	0.00921868	0.00848517	0.01154654
0.000505	0.00048337	0.00050476	0.0005101	0.0005063	0.00046275	0.0004736	0.00070882
0.00076021	0.00070319	0.00064655	0.00071058	0.00073307	0.00078458	0.00081299	0.00075578
0.07516097	0.07220437	0.07045118	0.06783092	0.06981569	0.06888846	0.06225567	0.06172747
0.01371762	0.01706563	0.01811164	0.01484992	0.01527807	0.01615658	0.01681415	0.01703663
0.00362742	0.00371116	0.00399917	0.00341766	0.00307989	0.00284319	0.0023596	0.00247952
0.00715534	0.00715673	0.00915451	0.00947154	0.01108204	0.01084705	0.01048253	0.00957232
0.00044687	0.00105444	0.00067781	0.0015169	0.00441651	0.00103131	0.00100688	0.00336826
0.00039116	0.00037402	0.00033179	0.00027583	0.00029362	0.00030557	0.0003228	0.00022473
0.00885741	0.0104719	0.01154969	0.01006303	0.01040223	0.01018869	0.01119863	0.01224609
0.00017973	0.00019942	0.00014845	0.00023449	0.00034943	0.00029573	0.00036337	0.00036272
0.02538307	0.02635723	0.02798075	0.0271037	0.02437305	0.04647907	0.04407837	0.02595369
0.39173116	0.39974908	0.4097998	0.58380597	0.59741362	0.59693737	0.52753152	0.49927329
0.06540601	0.06807498	0.07109221	0.07497325	0.07922655	0.08618167	0.09566767	0.09894542
0.01117465	0.0111193	0.01111099	0.01149221	0.0102079	0.01045604	0.00932877	0.00848279
0.00030543	0.00035874	0.0002968	0.00035899	0.00042228	0.0004046	0.00071989	0.0004139
0.00270428	0.00275527	0.00279552	0.00284784	0.00284717	0.0029589	0.00298039	0.00305727
0.00523785	0.00574999	0.00587691	0.00755704	0.01158647	0.01218738	0.01407477	0.01456732
5.8889E-07	5.9401E-07	5.7934E-07	1.8645E-06	1.1269E-06	1.0813E-06	1.0505E-06	1.241E-06
5.7932E-05	6.8024E-05	6.0078E-05	5.5935E-05	5.9254E-05	6.5093E-05	6.8534E-05	6.1145E-05
0.00017082	0.00017946	0.00012076	0.00023089	0.00030291	0.00033724	0.0003842	0.00038206
0.00028274	0.00022765	0.00016013	0.00013911	0.00061001	0.00060282	0.00082451	0.00122212
0.0001594	0.0001518	0.00010849	0.00021007	0.00019091	0.0003805	0.00047496	0.00048577
5.1557E-05	5.5138E-05	6.7062E-05	5.7219E-05	5.2182E-05	5.0429E-05	2.9087E-05	3.015E-05
6.2052E-06	5.868E-06	4.1041E-06	1.2356E-05	1.662E-05	1.6068E-05	1.69E-05	1.9221E-05

0.00022183	0.00026411	0.00028102	0.0004487	0.00042834	0.00040911	0.00042669	0.00042027
0.00433504	0.00415466	0.00412476	0.00389937	0.00387722	0.00384806	0.00650002	0.00503099
0.00021865	0.00126423	0.00137438	0.00190093	0.00165325	0.00180677	0.00182876	0.00168991
0.03564954	0.03445008	0.03270086	0.03330892	0.03852862	0.05365099	0.06218912	0.07235119
			0.00022068	0.0002204	0.00020271	0.00017418	0.00017064
5.9117E-05	8.3007E-05	6.0376E-05	7.9792E-05	0.0001157	9.2246E-05	9.3458E-05	8.9835E-05
0.0025356	0.00328554	0.00337443	0.00445433	0.0050375	0.00526818	0.00518662	0.00652706
3.2569E-06	3.4773E-06	3.4873E-06	4.6866E-06	4.5593E-06	4.1822E-06	4.9716E-06	5.0253E-06
4.7696E-05	2.6876E-05	2.0669E-05	0.00011343	0.00013938	0.00027059	0.00030314	0.00031383
4.3646E-05	5.4558E-05	4.3398E-05	7.5947E-05	0.0001085	4.7015E-05	7.2175E-05	0.00011909
0.00913814	0.01080577	0.01213503	0.01829375	0.02325377	0.02368493	0.02846598	0.03221011
0.00066038	0.00069639	0.0007459	0.00076578	0.00076608	0.00084433	0.00064179	0.0003586
0.00459496	0.00484547	0.00518997	0.00532829	0.00477009	0.00238206	0.0033842	0.00459669
2.3222E-06	2.3254E-06	2.3261E-06	7.1131E-06	7.1038E-06	7.1043E-06	7.0961E-06	7.2451E-06
2.4899E-05	3.0533E-05	3.3029E-05	2.9073E-05	3.1624E-05	3.3476E-05	3.5379E-05	4.2208E-05
0.0049419	0.00477356	0.00464555	0.00505538	0.00512419	0.00529543	0.00517086	0.00539432
0.00400213	0.00393409	0.00387635	0.004318	0.00328228	0.00440544	0.00429251	0.00618824
0.0104977	0.00932702	0.01804839	0.01806985	0.0201734	0.02076084	0.0209071	0.0232803
0.00724281	0.01170147	0.0164774	0.01768397	0.02116111	0.02120284	0.02423864	0.02716642
0.00027279	0.00027279	0.00027643	0.0002837	0.0002837	0.0002837	0.00031675	0.00038616
8.4554E-05	8.5117E-05	0.0001078	0.00012796	0.00017584	0.00019936	0.00019768	0.00019768
0.10024472	0.10160477	0.10285527	0.11278929	0.10433375	0.08780521	0.0842459	0.07264514
0.00063885	0.00096488	0.00110378	0.00060956	0.00088764	0.00118445	0.00094116	0.00046796
0.51301573	0.53974938	1.72297031	1.95625991	1.98687149	2.09184057	2.07450531	2.17398582
0.01603935	0.01651865	0.01711893	0.01828841	0.01844209	0.01955219	0.01961762	0.01728091
9.2629E-06	1.166E-05	1.9006E-05	5.238E-05	5.1942E-05	5.344E-05	4.9899E-05	6.0039E-05
0.01400769	0.01470714	0.01416751	0.01401401	0.0112067	0.01148629	0.01266562	0.01277969
1.1761E-05	1.2555E-05	1.2593E-05	1.4366E-05	1.4396E-05	1.4339E-05	1.4373E-05	1.4127E-05
0.00207422	0.00239503	0.00169175	0.00162011	0.00150828	0.0014566	0.00147569	0.00187783
3.8381E-05	4.8778E-05	3.79E-05	3.385E-05	3.2415E-05	1.8556E-05	1.9563E-05	1.7361E-05
4.2077E-05	4.0911E-05	4.618E-05	4.2174E-05	4.4748E-05	4.4063E-05	5.1942E-05	4.6133E-05
0.00072001	0.00078229	0.00081074	0.00078308	0.00088472	0.00095981	0.00093463	0.00113339
0.02862904	0.027493	0.02861259	0.02994288	0.02971465	0.030192	0.03234124	0.03333948
6.3981E-05	6.6402E-05	4.3066E-05	4.2627E-05	3.6568E-05	3.6084E-05	3.9361E-05	4.9103E-05
0.00138519	0.00132391	0.00146918	0.00146863	0.00191866	0.00195555	0.0017972	0.00208455
0.0015344	0.0015344	0.001575	0.0015652	0.00105721	0.00066682	0.00109648	0.00103993
0.01247552	0.01212381	0.01397166	0.01657763	0.01433127	0.01243244	0.01247757	0.01440975
0.01736636	0.0184611	0.01922219	0.01984942	0.0194742	0.02125777	0.02238265	0.02668514
0.01103344	0.01169669	0.01215803	0.01139063	0.01134214	0.01074669	0.01103203	0.01148197
0.00119927	0.00190862	0.00204656	0.00145632	0.00153692	0.0008423	0.00074446	0.00028471
0.0403671	0.04340571	0.04257162	0.04344061	0.04102206	0.03641395	0.04776606	0.05556382
0.00016072	0.0001372	0.00016855	0.0001764	0.00011367	7.0559E-05	6.272E-05	6.6638E-05
0.00958353	0.00895094	0.00855658	0.00571431	0.00449172	0.00400787	0.00472647	0.00688626
0.01987062	0.01987062	0.01987062	0.0232645	0.0232645	0.0232645	0.0232645	0.0232645
0.00155725	0.00151512	0.00125292	0.00119577	0.00075287	0.00040741	6.0667E-05	6.2321E-05
0.00134072	0.00134442	0.00134904	0.00175943	0.00165981	0.00116732	0.00080385	0.00097816
0.10099715	0.10994672	0.1100874	0.10181747	0.11277806	0.11571809	0.1241085	0.11950979
							0.0000616
0.24276278	0.25851556	0.20645682	0.1919161	0.19615154	0.20893469	0.25532437	0.25884044

0.00236869	0.00244104	0.00244104	0.00221553	0.00222292	0.00222846	0.00222015	0.00207262
0.00208592	0.01231822	0.04331606	0.04324211	0.04333446	0.0437741	0.04398072	0.0425577
0.3048141	0.33944992	0.34922772	0.41402758	0.47180006	0.40457642	0.42270558	0.47842013
0.0059265	0.0053722	0.00514233	0.00578415	0.00615348	0.00646258	0.00615735	0.00641484
0.00078694	0.00062798	0.00061564	0.0004996	0.000353	0.00023716	2.5865E-05	
0.03118113	0.02964097	0.02448823	0.02218713	0.01915593	0.01185028	0.01115516	0.01272059
0.23647777	0.2470964	0.25621148	0.25448164	0.25306549	0.2339493	0.23552117	0.19411637
0.0093262	0.00937084	0.00820087	0.00793401	0.00738835	0.00814753	0.00751041	0.00747398
1.7287E-06	1.8194E-06	1.7338E-06	1.8346E-06	1.8094E-06	1.9253E-06	1.7842E-06	2.0916E-06
0.00208349	0.00216988	0.00213066	0.00221348	0.00321531	0.00356242	0.00463579	0.00463675
0.03472588	0.03744746	0.03557202	0.03302843	0.03270104	0.02998897	0.03042123	0.03645568
0.01063276	0.01137368	0.01198552	0.01153036	0.01234293	0.01277335	0.01377587	0.014792
0.08692848	0.09395522	0.09110131	0.08815785	0.08924873	0.08726139	0.08394692	0.09056307
0.08841571	0.08850081	0.07989495	0.08484012	0.09356418	0.09149451	0.08692497	0.0886925
0.00703198	0.00717932	0.00696339	0.00684734	0.00605329	0.00565198	0.00504141	0.00181598
0.001386	0.00145314	0.00148672	0.00148117	0.00079464	9.6096E-05	8.8704E-05	9.4248E-05
0.02135158	0.02287032	0.02689781	0.02736038	0.01549019	0.00412569	0.00393325	0.00379245
0.00301314	0.00295459	0.00292446	0.0026461	0.00275353	0.0029508	0.00291109	0.00295612
0.00027798	0.000278	0.00029858	0.00055469	0.00117228	0.00085178	0.00277965	0.00987579
0.03757271	0.04727009	0.06414844	0.05796197	0.07263415	0.06605252	0.06863231	0.07647732
0.0015497	0.00162799	0.00632414	0.00672203	0.00794097	0.00851524	0.00852295	0.01404241
0.00096096	0.00096096	0.00096096	0.00096096			0.00024024	0.00024024
0.00185416	0.00215908	0.0022176	0.00193424	0.00176253	0.00159085	0.00207515	0.00203289
0.0038423	0.0039347	0.0039347	0.0039347	0.0040271	0.0041195	0.0040271	0.0041195
0.05480395	0.05355244	0.05348791	0.06120214	0.05708708	0.05018448	0.05140236	0.05178202
0.27660487	0.30663227	0.31897717	0.30891076	0.30540579	0.2698596	0.27860339	0.30009155
0.05206997	0.05470624	0.05308158	0.05227821	0.04892877	0.04499306	0.03777001	0.0248012
0.04828124	0.05236651	0.06288011	0.07679024	0.10294082	0.12245306	0.11504553	0.11838687
0.0030492	0.003234	0.003234	0.0033264	0.0035112	0.003696	0.0035112	0.0038808
0.037884	0.0379764	0.0379764	0.0380688	0.0381612	0.0382536	0.0381612	0.038346
0.00340789	0.0027475	0.00288369	0.00587328	0.00641424	0.00366436	0.000322	0.0020608
0.00873272	0.00968189	0.00984057	0.00941584	0.00895132	0.00813792	0.00893956	0.00734412
0.00111626	0.00111344	0.0010874	0.00103919	0.00087905	0.00046881	0.00058054	0.00064272
							0.00001372
0.0419154	0.04329022	0.04478556	0.04870061	0.04833166	0.0473739	0.03950678	0.04141697
0.03702308	0.0461985	0.05360427	0.05134973	0.02719525	0.00315391	0.00180663	0.00096029
		0.008211	0.008211				0.008211
0.03661294	0.03661158	0.03662709	0.03663382	0.03665221	0.03665608	0.0366679	0.03667133
			0.00002016	0.00002016	0.00002016	0.00002016	0.00002016
0.09372784	0.09664368	0.09703518	0.10309063	0.10605394	0.10857563	0.10505032	0.10989534
0.08967335	0.09326575	0.09356435	0.05750948	0.05347597	0.0552239	0.05655524	0.06217792
0.00015488	0.00071937	0.03177445	0.05379997	0.07755899	0.04361353	0.07178324	0.11203158
0.00186192	0.00186194	0.00156806	0.00129941	0.00146413	0.00167194	0.00194338	0.00196002

0.00033966	0.00031365	0.00039574	0.0001796	0.00040285	0.00030913	0.000421	0.00039698
3.4882E-05	3.5134E-05	0.00091319	0.00102073	0.00135734	0.00149799	0.00106014	0.00124128
0.05094054	0.05089478	0.04563578	0.04180383	0.03159937	0.02888663	0.02490567	0.02590874
0.01039034	0.01048826	0.0106266	0.01072341	0.01072341	0.01072341	0.01072341	0.01072341
0.00505655	0.00268121	0.00429687	0.00618674	0.00449981	0.00429103	0.00404112	0.00367438
2.5872E-05	0.00012211	0.00010721	9.3688E-05	0.00011936	0.00016856	0.00014994	0.00017072
0.00242735	0.00237006	0.00272672	0.00271564	0.00216863	0.00307415	0.00324878	0.00330053
0.05887036	0.0624185	0.05989017	0.04903099	0.03139099	0.02111516	0.01952385	0.03472848
0.39870229	0.33998148	0.36656097	0.32936561	0.29935176	0.27338637	0.25951194	0.24077259
0.1265267	0.12163705	0.11839147	0.11999547	0.04466497	0.04371641	0.17803355	0.1851108
0.00594053	0.00613834	0.00660637	0.00603004	0.00915452	0.00534497	0.00119107	0.00116735
0.00877231	0.00863874	0.0082474	0.00873338	0.00931622	0.00910251	0.00899032	0.01019711
0.01418964	0.01401638	0.01687975	0.01593591	0.01419404	0.01357624	0.01302964	0.01411912
0.01178944	0.01661619	0.01611545	0.01267636	0.01016502	0.00180621	0.00217699	0.00525465
0.01160002	0.01319163	0.0125929	0.01321819	0.01286673	0.01275885	0.012431	0.01319333
0.00771917	0.00746658	0.00706974	0.00787175	0.00872799	0.00837832	0.00816316	0.00974251
0.00001512	1.5288E-05	1.5137E-05	1.4876E-05	1.3944E-05	1.0433E-05	1.0164E-05	1.0517E-05
0.03291037	0.02404894	0.02634941	0.02916735	0.03490263	0.03375417	0.06716194	0.13432816
0.00028226	0.00024305	0.0002842	0.00027244	0.00030576	0.00027636	0.0002803	0.00027145
0.00559834	0.00323264	0.00903554	0.03415552	0.02161351	0.0127554	0.01478619	0.01721828
0.03542768	0.04012148	0.04039256	0.04051797	0.04115244	0.03932947	0.03981109	0.04108174
0.21703557	0.22018106	0.21706669	0.21173119	0.20013598	0.20607107	0.15957729	0.12910399
0.00000924	0.00000924	0.00000924	0.00000924	0.00000847	0.0000077	0.0000077	0.0000077
0.62488195	0.65684662	0.61405475	0.68505405	0.61958925	0.67653743	0.79862559	0.83476725
0.00057225	0.0005709	0.00055754	0.00053294	0.00045085	0.00037242	0.00033315	0.00022538
0.01712417	0.01801154	0.01792355	0.01653252	0.01606641	0.01618453	0.01626246	0.0518602
0.00013622	0.00014524	0.00016562	0.0001176	7.8406E-05	6.8616E-05	9.0176E-05	
0.0654502	0.06932837	0.07083883	0.06940026	0.06331625	0.05626827	0.06237116	0.07784205
0.0078715	0.00903568	0.00723892	0.00715338	0.00739606	0.00758033	0.00456036	0.00705933
0.00014999	0.00016444	0.00022425	0.00039923	0.00047622	0.00056533	0.0005765	0.00065005
0.00612064	0.0059388	0.00597588	0.00821375	0.00864048	0.00572373	0.00639435	0.00702965
0.00652741	0.00741096	0.00756841	0.00629632	0.00709212	0.0066802	0.00693935	0.0083683
4.0741E-05	4.1957E-05	4.3714E-05	4.3875E-05	5.7608E-05	6.1242E-05	7.3787E-05	0.00010236
0.05136974	0.05427419	0.05700444	0.05104771	0.04967726	0.05133511	0.05234294	0.05503678
0.00599176	0.0075022	0.00474026	0.00351193	0.0026723	0.00259005	0.00383199	0.00555944
0.00562259	0.00569219	0.00494841	0.00486783	0.00530926	0.00564461	0.00386516	0.00525373
0.05076827	0.05417774	0.05776891	0.06296692	0.0646838	0.06223573	0.06804925	0.06550828
0.20057897	0.18492244	0.18076952	0.18896999	0.20451868	0.22896921	0.24493082	0.23460652
0.02172899	0.02190708	0.0223903	0.03126824	0.0307545	0.01934271	0.01260484	0.00168427
0.00017048	0.00018176	0.00018367	0.00032505	0.0003457	0.00037301	0.00036956	0.00039951
0.6088914	0.63642165	0.66449361	0.6914112	0.66415204	0.64263996	0.62758923	0.60945009
0.10608327	0.1065996	0.10577843	0.10465557	0.106073	0.09787512	0.08868314	0.08007112
0.04074829	0.04196138	0.04357812	0.05060335	0.03957785	0.0292569	0.02699552	0.02464064
0.00026688	0.000596	0.00060767	0.00063942	0.00092237	0.00071049	0.00078886	0.00081327
0.15567429	0.16135326	0.16001594	0.15235849	0.14491399	0.14762538	0.13953553	0.13494208
0.00189841	0.00197231	0.00117222	0.00089595	0.00065413	0.00060111	0.00060161	0.00061912
0.00086825	0.00131203	0.00103158	0.00104074	0.00149559	0.00125841	0.00132305	0.00143768
0.0072735	0.00814118	0.00980739	0.01033943	0.01188925	0.01423937	0.01692652	0.02019736
0.04770302	0.05892762	0.06471112	0.05811599	0.02792725	0.03413562	0.03959019	0.0388004
0.0077259	0.00820956	0.00873425	0.00927283	0.00951129	0.0103472	0.01094519	0.01078535
0.0010285	0.00103743	0.00119857	0.00215547	0.0020612	0.00190316	0.00198891	0.00218877



0.0146012	0.01670305	0.01660447	0.01669236	0.01430956	0.00556743	0.0050266	0.0059381
0.0722618	0.07388894	0.0763089	0.0896095	0.09560473	0.08512735	0.06092923	0.04550799
9.3645E-05	7.2272E-05	0.00010783	0.00024755	0.00030102	0.00026843	0.000266	0.00025596
0.00028964	0.000336	0.00041208	0.0005017	0.00047935	0.00040549	0.00046034	0.00045243
0.01472234	0.01475166	0.01474903	0.01454924	0.01539947	0.01531376	0.01637892	0.01706866
0.77103407	0.73020424	0.83694401	0.85521217	0.90471514	0.85487669	0.86249029	0.89307648
0.0004884	0.00046863	0.00051908	0.00093164	0.0010048	0.0011101	0.00107146	0.00103413
0.00687143	0.00741156	0.00791525	0.00804258	0.01075955	0.00874826	0.00904622	0.01120558
0.00010829	0.0001102	0.00010964	0.00032423	0.00036296	0.00042964	0.00048006	0.00067345
0.00339207	0.00365518	0.00423749	0.00501826	0.0056173	0.00645163	0.00674496	0.0066969
0.00038569	0.00054577	0.00048188	0.0005184	0.00069191	0.00054938	0.00059975	0.00062592
1.06089493	1.09592349	1.11532893	1.09304105	1.06058395	1.07776192	1.09431882	1.11889907
0.14653822	0.14996069	0.15038738	0.15560987	0.15333877	0.15288777	0.13315779	0.12355077
0.05019057	0.05708527	0.06091554	0.06356801	0.06729549	0.06991672	0.07197219	0.07780688
0.5024158	0.55130664	0.58573774	0.60895021	0.71766493	0.83580281	1.00753332	0.96475494
0.00886059	0.00800199	0.00825101	0.00775941	0.0074547	0.0070896	0.00678988	0.00688832
0.01275586	0.01259747	0.01172859	0.01074917	0.00963518	0.00987519	0.01113061	0.01167541
0.0064128	0.00648491	0.0064846	0.00579483	0.00491187	0.00443472	0.00450225	0.00474501
0.00297295	0.00295676	0.00280339	0.00280941	0.00309731	0.00270588	0.0027176	0.00189667
0.0001104	0.00011106	0.000108	0.00014922	0.00010768	0.00016484	0.00016006	0.00016031
0.14428305	0.15479156	0.14367592	0.14746506	0.15608795	0.17225912	0.17154288	0.15439813
8.7815E-05	0.00012413	0.00010972	0.00013068	0.00015861	0.00013338	0.00013014	0.00012894
8.8527E-05	0.00016938	0.0001806	0.00018056	0.0002274	0.00022414	0.00021861	0.00025503
0.00668913	0.00728743	0.00749173	0.00730872	0.00833807	0.01772599	0.01784558	0.01823286
0.04277057	0.04539822	0.04351697	0.03801892	0.02604874	0.01797247	0.01355822	0.01340057
0.0001102	0.00012396	0.00012527	0.00022887	0.0002396	0.00026261	0.0002474	0.00028896
0.00632238	0.00643018	0.00652572	0.00669824	0.00671694	0.006851	0.0066167	0.00677076
0.04592299	0.04789575	0.05306917	0.05088661	0.04693996	0.06059147	0.05858527	0.06699007
1.46613976	1.51171462	1.51343652	1.59019671	1.52763354	1.48387132	1.42262588	1.27489122
0.00114113	0.00157981	0.00322342	0.00331559	0.00417568	0.00354695	0.00349033	0.00355314
2.1199E-05	2.4217E-05	2.4482E-05	4.1826E-05	4.4482E-05	4.7976E-05	4.7553E-05	6.3768E-05
0.0848901	0.08604105	0.08489627	0.08314372	0.08309487	0.0832931	0.08109309	0.07930933
0.02338332	0.0189542	0.02572947	0.01607847	0.0164166	0.01746114	0.01927408	0.02230214
0.17562051	0.17607392	0.21836434	0.23019799	0.25532985	0.27485375	0.28095669	0.27510176
0.03918402	0.05000246	0.04808726	0.05194237	0.05580365	0.05698353	0.05670743	0.05703277
0.19426956	0.19837717	0.22571761	0.22959978	0.23754074	0.24461704	0.2381884	0.2604257
0.00051647	0.00053391	0.00054904	0.00054438	0.00056207	0.00049067	0.00087467	0.00116969
0.00073981	0.00094085	0.00098936	0.0010861	0.00139763	0.00133343	0.00124975	0.00129227
0.37478892	0.42256899	0.43570767	0.45661417	0.46867544	0.49495637	0.47157469	0.47892703
0.01350601	0.01363254	0.01398476	0.0200124	0.01805124	0.00873158	0.00954797	0.01205092
0.00414009	0.00423525	0.00430676	0.00443996	0.00456868	0.00418426	0.00501878	0.00573198
0.09476891	0.09840656	0.10485974	0.10537258	0.09931046	0.09632966	0.08747511	0.08587312
0.00198714	0.00199901	0.00230394	0.00338223	0.00294871	0.00324185	0.00336135	0.00341999
4.736E-06	8.903E-06	1.3191E-05	1.1268E-05	1.1984E-05	1.2931E-05	1.2811E-05	1.2951E-05
0.94296613	0.96643542	0.95703205	0.95407786	0.93178712	0.91720338	0.88520148	0.85238019
0.00169764	0.00195542	0.00252317	0.00197561	0.00220122	0.00195146	0.00200319	0.00178936
1.07612112	1.13083977	1.1676874	1.18740203	1.12639649	1.09930373	1.05010896	0.9772165
0.01963559	0.01974707	0.02017626	0.02705837	0.02086449	0.01632232	0.01437041	0.00965994
0.01045936	0.01124253	0.0131831	0.01293913	0.01211529	0.01407719	0.014186	0.01409288
0.00050516	0.00070695	0.00068156	0.00067528	0.00074816	0.00094822	0.00091853	0.00096614
0.00174197	0.00249259	0.00211951	0.00288177	0.00278792	0.00243032	0.00249767	0.00250624

0.00045982	0.00053628	0.0006002	0.00110427	0.00122234	0.00125435	0.00140922	0.00147645
0.00032702	0.00046278	0.00040858	0.00041034	0.00051444	0.00043292	0.00045414	0.00051917
0.00032133	0.00052487	0.00047003	0.00056761	0.00071485	0.00063441	0.00068263	0.0006763
0.00014094	0.00014021	0.00014021	8.84E-05	8.9895E-05	8.8194E-05	9.7724E-05	0.00012422
0.10177355	0.10926146	0.1182409	0.12327721	0.12464761	0.12628542	0.12547131	0.12379005
3.5344E-05	3.886E-05	3.9282E-05	0.00010057	0.00010696	0.00011849	0.00013577	0.00015749
0.01076708	0.01148971	0.01175243	0.01250537	0.01232503	0.01372337	0.01545689	0.01636302
0.00017655	0.00021516	0.00025097	0.00051236	0.00059671	0.00052685	0.00068713	0.00069465
0.00195435	0.00215948	0.00198043	0.00197935	0.00182733	0.00193213	0.00193241	0.00289104
0.01737336	0.02088716	0.02085654	0.02296927	0.02718847	0.03077742	0.03435319	0.03814663
0.00611433	0.00629048	0.00667119	0.00638575	0.00658961	0.00771772	0.00878186	0.01023201
0.02526667	0.02914962	0.02939683	0.03083064	0.02418663	0.02197963	0.02204685	0.02396061
0.00191058	0.00203802	0.00217215	0.00219667	0.00210584	0.00210286	0.00190942	0.000606
0.06220732	0.06478293	0.07102795	0.07182862	0.064237	0.06052929	0.06136067	0.05980208
0.22455094	0.248259	0.28183295	0.31010409	0.40257446	0.33932813	0.35096119	0.44843085
0.27812466	0.30551418	0.35711782	0.36712275	0.39952284	0.43279316	0.49544244	0.58670043
0.04252249	0.0437899	0.04489672	0.04571587	0.04517623	0.04737284	0.04514542	0.04508143
0.24312622	0.2437835	0.26129494	0.27962552	0.30207165	0.32265881	0.36082097	0.38111932
0.11899244	0.12730693	0.15271425	0.15802639	0.12715708	0.16274544	0.16666077	0.16131675
0.00581267	0.00616097	0.00612982	0.00653779	0.00675243	0.00659695	0.00655561	0.00674369
0.05228661	0.05511923	0.05792436	0.06550808	0.06790212	0.07275847	0.07647229	0.07841853
0.80613768	0.82215762	0.85064482	0.89528751	0.91487529	0.96848995	0.98516293	0.98648065
0.00762591	0.00805892	0.00814115	0.00866854	0.00853705	0.00979974	0.01043827	0.01041775
0.01682289	0.01705822	0.01718479	0.01865105	0.01765319	0.01900044	0.01974172	0.01953416
1.58702196	1.63591888	1.74497626	1.82884269	1.77976934	1.72269325	1.6531387	1.63125046
0.08979536	0.09056469	0.09252011	0.12588617	0.15134716	0.13284382	0.11693138	0.08170517
0.01833198	0.01820223	0.02001189	0.01761796	0.01697455	0.01558717	0.0150779	0.01505635
0.03042834	0.03071787	0.03144001	0.0449242	0.03034492	0.01883985	0.01166475	0.00401378
0.00110406	0.00121721	0.00123117	0.00161092	0.00215471	0.00190287	0.00189736	0.00225475
4.4792E-05	4.5037E-05	4.3818E-05	6.0542E-05	6.3677E-05	6.6848E-05	6.4943E-05	6.5044E-05
2.0959E-05	2.3719E-05	2.3977E-05	4.0963E-05	5.8086E-05	6.265E-05	7.6866E-05	9.0659E-05
0.13268887	0.16087916	0.19360541	0.23010411	0.2562304	0.29025393	0.32056271	0.34161236
0.05904107	0.06529599	0.072122	0.03117126	0.02308369	0.04653479	0.05120692	0.05190055
0.00059146	0.0006086	0.00069766	0.00091285	0.00134669	0.00118929	0.00118585	0.00147968
0.02594663	0.01830801	0.02296945	0.02299592	0.02874484	0.03992603	0.04621188	0.04127209
0.00150425	0.00277345	0.00199349	0.00118735	0.00085736	0.00075428	0.00081071	0.00080319
0.08931739	0.0903623	0.1062527	0.10621751	0.11405243	0.12470827	0.14220976	0.18016006
5.9979E-05	8.1021E-05	8.1891E-05	0.0001399	0.00014879	0.00016051	0.00015906	0.00019082
0.01395038	0.01530625	0.01668322	0.01723228	0.01708504	0.01931196	0.02225181	0.02674235
0.00028622	0.00027758	0.00035761	0.00035752	0.00045027	0.00037818	0.00036504	0.00039656
0.03067726	0.03103327	0.03186662	0.04715481	0.05219804	0.03136887	0.02503212	0.02021449
0.0172536	0.01747371	0.02000944	0.02220414	0.02577283	0.02759764	0.02734657	0.02765464
0.02110674	0.02163599	0.02242216	0.02763232	0.02497047	0.02317354	0.02229565	0.02091159
0.00171472	0.00165112	0.00169134	0.00263645	0.00273712	0.00316545	0.00349402	0.00405409
0.03371115	0.03544823	0.04185873	0.04372889	0.04785847	0.05400177	0.05529295	0.05831463
0.01919363	0.01946452	0.01998334	0.02647027	0.01951653	0.0157097	0.00952275	0.00896271
0.0032595	0.00270144	0.00254949	0.00273152	0.00338673	0.00332991	0.0034217	0.00400379
0.00020458	0.00025372	0.00025182	0.00041436	0.00046385	0.00054899	0.00071681	0.00178372
0.68392148	0.70768509	0.78562588	0.80355765	0.86362977	0.86864597	0.86583996	0.87788971
0.00561182	0.00647224	0.00652113	0.00673527	0.00681586	0.00681957	0.00859746	0.00946191

0.00071941	0.00056456	0.00099938	0.00100099	0.00126082	0.00112462	0.00109653	0.00108637
0.00276786	0.00292502	0.00292502	0.00292502	0.00306612	0.00317504	0.00373761	0.00370514
0.01133417	0.01067131	0.01114395	0.01017242	0.01217116	0.00984136	0.01215036	0.01567022
0.01116015	0.01247294	0.01131778	0.01189126	0.00782265	0.00753661	0.00655677	0.00627668
0.00123323	0.00126193	0.00133197	0.00279276	0.00254604	0.00278778	0.00329451	0.00295915
0.00117119	0.00217663	0.00221706	0.00195217	0.00257565	0.00722526	0.00720481	0.00713801
0.00034895	0.00045041	0.00063318	0.00118315	0.00104258	0.00122849	0.00165263	0.00165777
0.00147252	0.00156391	0.00177469	0.00194561	0.00201127	0.00220266	0.00235967	0.00250184
0.00064807	0.00091278	0.00103594	0.00109766	0.00175613	0.00147789	0.0013791	0.00145933
0.12224304	0.13576541	0.15164689	0.16668423	0.22136857	0.18364821	0.19710067	0.25635552
0.00312571	0.00491497	0.00415325	0.00421421	0.00519885	0.00544873	0.00564068	0.00608758
0.00268821	0.00248215	0.00262979	0.00383579	0.00422761	0.00472269	0.00458601	0.00443278
0.00216345	0.00224369	0.0023207	0.00131608	0.00125036	0.00123129	0.00143174	0.00149758
0.11742876	0.12713973	0.13419166	0.10167029	0.13350099	0.15617656	0.13247325	0.10971723
0.00596545	0.00532843	0.00418968	0.00434686	0.00494975	0.00589553	0.00587248	0.00585997
0.2431773	0.24379206	0.25248961	0.25332373	0.24106983	0.23853018	0.23063392	0.21261968
0.08803893	0.08876528	0.08899596	0.08726946	0.08174434	0.07865549	0.07646622	0.07317856
0.00161556	0.00151676	0.00156697	0.00210961	0.0025615	0.00293692	0.00338161	0.00422162
0.0747841	0.07799346	0.07973196	0.08125089	0.08171972	0.08362937	0.08482825	0.08775143
0.01533904	0.01586184	0.01676769	0.01882422	0.02043115	0.02198858	0.0232481	0.02238708
0.08128412	0.08926717	0.09549361	0.0890482	0.09621036	0.11237046	0.13578953	0.15271624
0.00940136	0.0085842	0.00843612	0.00884329	0.00944285	0.01047151	0.01136778	0.01219976
0.05386712	0.05423079	0.04661555	0.04865434	0.04584842	0.04845313	0.04806907	0.05182393
0.08411013	0.0921129	0.10501983	0.10618554	0.1128393	0.10496891	0.11691659	0.14004777
0.00598078	0.00576807	0.00608422	0.00619716	0.00615158	0.00536617	0.00526729	0.00748518
0.00634649	0.00608405	0.00631807	0.00837426	0.01036639	0.00909515	0.00906897	0.01056584
0.13404636	0.13602984	0.14654414	0.13250563	0.15034604	0.15773008	0.16077309	0.17861838
0.00770182	0.00824077	0.00832347	0.01194414	0.01270274	0.01370734	0.01357972	0.01372839
0.0465456	0.05008846	0.05421902	0.05574696	0.05171251	0.03329868	0.02955164	0.0226642
0.06244309	0.06907076	0.07471362	0.08049403	0.08349154	0.08972841	0.09026658	0.08886048
0.00823236	0.00883674	0.00859934	0.00891046	0.00870547	0.0100818	0.01210723	0.01363048
0.00243671	0.00241193	0.00236499	0.00309059	0.00321681	0.00321011	0.00311718	0.00246943
0.0112395	0.01213741	0.01484065	0.01296273	0.01309157	0.01378847	0.01456305	0.01444848
0.00158916	0.00263814	0.00247955	0.00264841	0.00388251	0.00341558	0.00416278	0.00428281
0.06568398	0.06131947	0.07218669	0.08579288	0.0734912	0.05524744	0.04718693	0.05243968
1.14704828	1.17652036	1.21639796	1.42486149	1.35699785	1.29056143	1.08400621	1.01249587
0.0014184	0.00205939	0.00199287	0.00188761	0.00163538	0.00169548	0.00175792	0.00185288
0.3002877	0.30563069	0.28548685	0.32397795	0.33509831	0.36661894	0.40003705	0.40737474
0.0281296	0.03209089	0.03175579	0.03168131	0.02262351	0.01503307	0.01757327	0.01707349
0.00966703	0.01570139	0.01397389	0.01711578	0.0143049	0.01488927	0.01003937	0.01411517
0.82208091	0.86162782	0.86137689	0.94873327	0.98556713	1.05916239	1.02643855	1.05800791
0.00412559	0.00331438	0.003676	0.0036767	0.00370618	0.00371253	0.00349565	0.00342573
0.02981292	0.03148939	0.03568417	0.03328716	0.044209	0.03724698	0.03765064	0.04484712
9.3812E-06	2.1587E-05	2.06E-05	1.8738E-05	1.0641E-05	9.3032E-06	1.9603E-05	1.9641E-05
0.00035253	0.00042968	0.000418	0.00057754	0.00060112	0.00063776	0.00061952	0.00062048
0.0015646	0.00246018	0.00207908	0.00210956	0.00281301	0.0017096	0.00166694	0.00171312
0.00721233	0.00768207	0.00771122	0.00786744	0.00860201	0.0104086	0.01139184	0.01222914
0.00178774	0.00253001	0.00229566	0.00207812	0.00156615	0.0012162	0.00124986	0.00123827
9.8623E-05	0.00010515	0.00013455	0.00021615	0.00021023	0.00020634	0.00011723	0.00012106
5.4866E-05	7.7628E-05	6.855E-05	0.00013051	0.00017388	0.00014629	0.00014267	0.00017307
0.00043596	0.00051705	0.00056861	0.00117909	0.00117003	0.00118496	0.00122248	0.00122291

0.01952395	0.02104796	0.02089262	0.02198325	0.01912783	0.02106295	0.01885661	0.02202045
0.01991421	0.02294725	0.02308733	0.02371751	0.02212287	0.02404267	0.02863573	0.03181029
0.19464268	0.20182971	0.20733231	0.19521676	0.194528	0.19757297	0.18584941	0.18571686
0.0022269	0.00239422	0.00261758	0.00285269	0.00294626	0.00295403	0.00296719	0.00307803
0.00052271	0.00109812	0.00100846	0.00090456	0.00128934	0.00107804	0.00108319	0.00107314
0.04284011	0.04316825	0.05046613	0.05551575	0.05741225	0.04996157	0.05267909	0.05012084
5.4449E-06	5.8056E-06	5.8661E-06	1.0022E-05	1.0658E-05	1.1501E-05	1.1394E-05	1.1519E-05
0.00042172	0.00035555	0.00034523	0.00072475	0.00089758	0.00075537	0.00035224	0.00038069
0.00269148	0.00261875	0.00264759	0.00292016	0.0023432	0.00209819	0.00123337	0.00253871
0.13459513	0.15244397	0.186627	0.20438322	0.25392801	0.22797942	0.25826784	0.32183559
0.00564788	0.00569335	0.00581803	0.00810424	0.00776956	0.00386854	0.00310273	0.00207295
0.02284533	0.02305437	0.0235871	0.03633279	0.02968147	0.02813818	0.02279442	0.02023363

0.00015499	0.00019677	0.0002353	0.00032511	0.00034582	0.00035107	0.0003411	0.00046324
0.01514178	0.01329661	0.0122614	0.01192743	0.01242597	0.01217131	0.01120574	0.01077444
0.02219835	0.02382977	0.02823033	0.02964351	0.03234546	0.03629515	0.03844475	0.04120507
0.10806153	0.11283327	0.11518517	0.13113082	0.12726202	0.13658131	0.16005952	0.1586619
0.10992123	0.13002713	0.15038616	0.17046594	0.18572875	0.2162848	0.23378813	0.26038207
0.00432006	0.00437111	0.00416416	0.00441556	0.0043338	0.00453512	0.00485332	0.00490458
0.00302153	0.00327678	0.00321544	0.00385702	0.00408475	0.00408154	0.00417549	0.00420097
0.28937892	0.28979607	0.29547004	0.35908233	0.42862981	0.24264699	0.20038818	0.18236044
0.00881402	0.00930402	0.00946931	0.00947639	0.01028482	0.01127159	0.01250447	0.01390319
12.4540257	12.8391571	12.8768402	12.6870436	12.5779811	12.9179183	13.161043	13.4483601
0.05759219	0.05805637	0.05932678	0.08257396	0.0705983	0.0547576	0.04880473	0.04251662
1.5486E-05	1.9468E-05	3.1971E-05	5.7367E-05	5.8089E-05	7.5584E-05	6.2099E-05	0.00011421
0.27220568	0.28212453	0.25247478	0.25492517	0.27794309	0.28374465	0.3032583	0.30682826
1.9662E-05	2.0961E-05	2.1183E-05	3.619E-05	3.8488E-05	4.1525E-05	4.1145E-05	4.1596E-05
0.02663607	0.03266784	0.03005689	0.03757852	0.04085662	0.03723276	0.05585975	0.0718876
0.00023755	0.00031297	0.00026839	0.00037083	0.00034686	0.00018695	0.00018159	0.00018187
0.00025759	0.00025913	0.00032399	0.00044765	0.00046593	0.00043957	0.00048019	0.00048094
0.02328748	0.02436597	0.02472197	0.03466063	0.03900144	0.04155812	0.03592158	0.03579178
0.22367765	0.237719	0.24534878	0.25525201	0.26365148	0.26644052	0.26852965	0.28225173
0.00480105	0.00557689	0.0044623	0.0046219	0.00609195	0.00568293	0.00415946	0.00527605
0.00839543	0.00944479	0.00943599	0.01031317	0.00846076	0.01176935	0.00989454	0.01026433
0.01219323	0.01201976	0.01197106	0.01213885	0.01255596	0.01311194	0.01380202	0.01449201
0.46419417	0.47076119	0.48273519	0.50541681	0.53361611	0.57102392	0.61350733	0.65050671
0.62231138	0.64623848	0.67105428	0.69798844	0.72583976	0.74948943	0.75326536	0.77727845
0.00145364	0.00150458	0.00155424	0.00160123	0.00164005	0.00167559	0.00170869	0.00174114
0.36825483	0.37925128	0.3903705	0.4081127	0.38849894	0.36590377	0.36385007	0.36079044
0.03649897	0.03631305	0.03611883	0.03596038	0.03594681	0.03599045	0.03602566	0.03595477
1.06803149	1.12208808	1.18015943	1.2358048	1.28237605	1.3364051	1.39447295	1.46219077
10.4968847	10.4932363	10.6115999	10.8165286	11.0746538	11.3981611	11.7680933	12.0612392
0.71814571	0.72270946	0.72651057	0.71792321	0.6913768	0.5982457	0.55617536	0.54510173
0.03930508	0.03895347	0.03877485	0.03889983	0.03893578	0.03908043	0.03965774	0.04046864
18.4829803	18.7603115	18.9830048	19.2509858	19.1913392	18.9720704	18.8939477	18.2819346
5.14645959	5.12520001	5.1203853	5.12854165	5.076286	4.93088471	4.86048041	4.60631777
1.78625384	1.82410166	1.84192871	1.87104153	1.88446336	1.79277461	1.71393626	1.65454884
0.33347037	0.34493073	0.35584258	0.3657689	0.37623037	0.38531272	0.39263317	0.39878185
4.70974386	4.74414444	4.73744048	4.79612063	4.78156756	4.86942021	4.59779241	4.82767735
0.45846264	0.46994208	0.48221837	0.49561127	0.51113697	0.52667244	0.54283351	0.55777311
0.74538507	0.76656884	0.7888032	0.81340929	0.836965	0.84680234	0.8575145	0.86773832

5.29983712	5.65108928	5.94996926	6.22885384	6.3636114	6.57771542	6.73288093	6.85822799
7.48224471	7.59672979	7.53645715	7.35154454	7.24660975	7.13684821	7.07841729	7.10661112
0.35437967	0.36608448	0.37541187	0.39480781	0.40716111	0.41409118	0.42819256	0.43554787
0.16202412	0.16667469	0.17113187	0.17613862	0.17850809	0.18053847	0.18389435	0.1880159
0.42332627	0.42169619	0.41941673	0.41156931	0.48849431	0.53041334	0.54717062	0.55410521
2.40538609	2.40460562	2.39994517	2.37047847	2.33160805	2.26769299	2.18912855	2.17652269
0.11118351	0.11349039	0.11597229	0.11881787	0.12270492	0.12675384	0.12913965	0.13127102
0.01824668	0.01832274	0.01839292	0.01845824	0.01842315	0.01844565	0.01854081	0.01857938
0.433359	0.43973219	0.44481007	0.45583293	0.46644934	0.46237738	0.46040457	0.46884586
58.8521197	60.8376659	63.2098681	64.0617527	66.5924255	68.7871431	71.5302775	74.415049
0.12939143	0.12800571	0.1260317	0.12498082	0.12322294	0.11993608	0.11898993	0.11918584
0.04384965	0.04517077	0.04664019	0.04816323	0.0500114	0.05197035	0.05375131	0.05574676
0.02700574	0.02856448	0.0299641	0.03107417	0.03149715	0.03228123	0.03285797	0.03366155
0.10281548	0.11334839	0.12494442	0.13760657	0.14813916	0.15602678	0.16341815	0.17066869
0.2266807	0.23110133	0.23522294	0.23976403	0.24110415	0.23850218	0.23981442	0.24429772
22.3905662	22.675545	22.8943425	23.0031334	22.6226332	22.5596228	21.8063385	22.242985
1.65295473	1.65246539	1.64990337	1.3985708	1.34893717	1.24042535	1.09480375	0.96789756
5.14360067	5.30665178	5.36286074	5.50427621	5.92620644	6.87562573	7.25631894	7.48804586
108.373635	109.43759	110.168255	110.943153	113.961011	117.075388	120.517724	124.233788
1.23174459	1.26804378	1.30662653	1.34442424	1.37046178	1.39546449	1.4196645	1.44415305
1.20203952	1.25709296	1.31258136	1.37001304	1.36056743	1.34859259	1.32440126	1.31443216
3.29313876	3.42213897	3.56425756	3.72175337	3.80309127	3.86101861	3.88487545	3.97300756
0.24638215	0.25396832	0.26161907	0.26882591	0.27593511	0.28284966	0.28837326	0.29262857
0.00362709	0.00368081	0.00372972	0.00360846	0.00344619	0.00354431	0.00366265	0.00377997
9.34424675	9.6123216	9.88230633	10.1734316	10.4480036	10.7412301	11.0725373	11.4250207
0.05913578	0.06147382	0.06391337	0.0664306	0.06733689	0.06995765	0.07206265	0.07272988
0.01867962	0.01923161	0.01985648	0.0206107	0.02126816	0.02246321	0.02342193	0.0245934
0.80232477	0.83842301	0.87028769	0.91056857	0.94929154	0.99978727	1.05122092	1.10489202
3.71508011	3.82087997	3.84963783	3.92726784	3.87094486	3.77912117	3.53530657	3.5290469
0.0063364	0.00668653	0.00704954	0.00740973	0.00776186	0.00811119	0.00846652	0.00886555
0.19974196	0.20224902	0.20494189	0.20770644	0.21013538	0.21325442	0.21646865	0.21926009
4.46086129	4.44198208	4.36131044	4.27862087	4.15618507	4.08052235	4.18663886	4.17786481
44.5722449	44.6526719	44.2260019	44.3755825	46.440751	47.3656698	47.469103	46.5423594
0.17965719	0.19463723	0.20861498	0.21987645	0.22052522	0.23723618	0.25263897	0.23442101
0.01937073	0.01973814	0.0201369	0.02058658	0.0207583	0.02093401	0.02113844	0.02125135
2.13589755	2.12905695	2.11533584	2.10546517	2.11031103	2.09557908	2.07028057	1.97398376
1.35522397	1.3816442	1.40516625	1.41355123	1.44100299	1.4875436	1.53356793	1.55567513
5.16989474	5.41226435	5.64078218	5.92743597	6.13144626	6.39509543	6.57127218	6.74434176
2.06166449	2.13238932	2.20109618	2.27325708	2.3539823	2.42718198	2.49739357	2.58394222
7.7341861	7.8892764	8.01257608	8.14354615	8.18837938	8.22184613	8.22966022	8.24658461
0.33623659	0.34643715	0.35498525	0.36081521	0.36089886	0.35872873	0.35495152	0.35451471
0.05263404	0.05560587	0.0587893	0.06218434	0.06585365	0.06882356	0.07183508	0.07489051
9.78994103	9.79387643	9.7009666	9.81907668	10.2386853	10.610832	10.9632408	11.3563857
1.53849416	1.53739603	1.53757811	1.46713299	1.45192493	1.26500583	1.20621025	1.30526166
4.14278499	4.22042666	4.30730981	4.39635367	4.51571714	4.62976119	4.78984769	4.94194879
6.18102969	6.24667727	6.26525416	6.57562995	6.57682612	6.589316	6.64111109	6.65536844
0.21525104	0.21727032	0.22552825	0.22770509	0.23037856	0.24008987	0.24826695	0.26053704
0.00043693	0.00045729	0.00048048	0.00050927	0.00051754	0.00051945	0.00052356	0.00052852
19.9976187	19.9573717	19.9444092	19.9070679	20.523067	21.2732199	21.9407231	22.4146821
0.02107512	0.0211166	0.02114442	0.02116	0.02089171	0.0206192	0.02034625	0.02008182
0.10384861	0.10805307	0.11242922	0.11706828	0.1197036	0.12134005	0.12349158	0.12539888

51.9878621	51.9657323	51.933773	59.3701618	61.098226	60.5749751	61.2823476	62.2937667
2.2566301	2.28802813	2.30697677	2.31040843	2.17481556	1.86098624	1.63937904	1.54105621
1.21120719	1.23887083	1.26613515	1.29393946	1.31265445	1.33058988	1.34798897	1.36335515
0.01147413	0.01129075	0.01112744	0.0110012	0.01090781	0.01087044	0.01089342	0.01096275
0.66042843	0.6769865	0.69823158	0.72536515	0.76217686	0.8045772	0.85155528	0.89574854
0.06464788	0.06651421	0.06759091	0.06537231	0.06757834	0.06725595	0.06913718	0.06913997
0.07349147	0.07716465	0.08079607	0.08421265	0.08793839	0.09157831	0.0950688	0.09818747
0.10604644	0.11296313	0.12013585	0.1276409	0.13224542	0.13593934	0.13955736	0.14339958
0.02899963	0.02960597	0.03018046	0.03081523	0.0317238	0.03343229	0.03489854	0.03655591
3.93431624	3.95150436	3.97355865	3.99380594	4.08424711	4.16352705	4.23273851	4.32218813
0.02477566	0.02446116	0.02415864	0.02399167	0.024168	0.02437956	0.02460562	0.02499251
0.05137057	0.05172658	0.05198292	0.0522245	0.0521579	0.05199106	0.0518138	0.05154718
2.3690038	2.43988867	2.5120976	2.59587976	2.67593844	2.76521287	2.84461609	2.93093433
0.01304703	0.01394663	0.01481135	0.01564497	0.01642028	0.01709696	0.01775256	0.01840336
0.35725544	0.34977998	0.34617528	0.34160974	0.34754383	0.36029161	0.36811904	0.37708132
2.7996918	2.92025728	3.05331146	3.15965457	3.21556771	3.24945498	3.33143326	3.39193828
0.91591573	0.95041211	0.9875724	1.02514379	1.04397146	1.08248718	1.12507052	1.15597011
0.97016887	0.97032074	0.946412	1.0063628	0.92931725	0.9112744	0.90094548	0.91736697
0.63842136	0.64294308	0.64727684	0.65161081	0.6602896	0.66587047	0.66873632	0.66746554
4.84176745	4.7602026	4.71959782	5.81249519	5.49931994	5.0775135	5.10655855	5.03377292
14.1179261	14.717222	15.7958996	16.9137681	17.4582694	18.4604618	19.4738145	20.850342
64.8424066	65.8582443	66.5674145	67.4060611	68.5390273	72.5121831	70.7673299	72.0582531
2.16557574	2.15913476	2.15298804	1.93097586	1.91113415	1.92484781	1.93158768	1.95243568
5.60426524	5.77583067	6.05419778	6.25001828	6.36535506	6.49716473	6.54834194	6.78858508
4.4171257	4.58187629	4.72787482	4.71530544	3.84283477	4.04157856	4.4018534	4.44313841
0.20112469	0.20126545	0.20147347	0.19353069	0.19167325	0.19577107	0.20678489	0.21692129
3.12920558	3.18657294	3.25162584	3.33372075	3.46141496	3.60622531	3.74186503	3.89979543
25.2247345	24.8881405	24.5298943	24.0987895	25.0813647	23.5717727	23.2394423	23.842444
0.21342696	0.21600591	0.21606507	0.21850062	0.22337895	0.2259467	0.22852574	0.23168747
0.91505784	0.96782567	1.02433211	1.0918565	1.15701488	1.26333424	1.35114989	1.43414988
19.6959613	19.7880662	19.7772754	20.2568955	20.2811868	19.7824281	19.304767	19.1448086
2.34021843	2.34989677	2.35622491	2.42209434	2.48430117	2.53670671	2.64510693	2.74202645
0.99792115	1.03083222	1.06177145	1.08936855	1.12184044	1.16769069	1.21461669	1.20196124
0.89015887	0.9057149	0.91872488	0.92925234	0.91710329	0.88904059	0.85697381	0.81610093
0.46025807	0.47778202	0.49665245	0.51558594	0.52430842	0.52984427	0.52754948	0.51232684
0.00947753	0.00980145	0.0101148	0.01039762	0.01053441	0.01064735	0.01074601	0.0108616
0.02328675	0.02301959	0.02274188	0.02215595	0.02219969	0.02277904	0.02277411	0.02298573
7.29460929	7.49728489	7.91487284	8.79214879	9.84093142	10.6010198	10.3198359	10.760254
3.11774428	3.24080074	3.36639228	3.27305526	3.53098061	3.70612272	3.73305085	3.62355681
0.14612753	0.15086689	0.15650022	0.16208525	0.16741543	0.17287472	0.17853802	0.18415488
1.04069978	1.04789655	1.05720859	1.07303683	1.18161732	1.25649473	1.31468218	1.3652449
0.21907317	0.22402651	0.22838836	0.23272046	0.2257324	0.21144334	0.19910914	0.19045693
1.73917467	1.72806922	1.7713705	1.79945585	1.84024225	1.90629979	1.93856074	2.03111222
0.03291904	0.03391041	0.03489375	0.03584557	0.03616436	0.03684986	0.03707757	0.03731634
2.52398232	2.55775716	2.59168833	2.62423917	2.67407773	2.72096389	2.78523233	2.84194693
0.06514959	0.06611717	0.06707294	0.0681294	0.06959503	0.0726018	0.07544091	0.07851285
1.17502684	1.18397881	1.19350555	1.18490161	1.17502706	1.12752402	1.06630463	1.0716983
0.11955183	0.11944933	0.11929394	0.11923217	0.12216499	0.12248618	0.15919578	0.15019373
0.60537601	0.60520189	0.61035063	0.57314913	0.55542764	0.53718532	0.51121933	0.50591514
0.02211974	0.02286508	0.02348623	0.02396824	0.0243026	0.02475305	0.0250738	0.02508431
6.89986305	7.20726458	7.47730818	7.73775832	8.07970202	8.30310149	8.49774634	8.93878663

0.87553072	0.88904106	0.90539958	0.91740353	0.90184189	0.8850167	0.87018389	0.8474476
0.59459377	0.61522294	0.63494531	0.65585208	0.6537256	0.67324221	0.69676234	0.71503476
0.02860024	0.02949189	0.03036407	0.0312137	0.03197041	0.03269255	0.03339052	0.0340393
31.0151273	31.9631934	32.7198697	33.594948	34.5809286	35.4748691	37.3157722	37.4344236
0.52907928	0.55699314	0.56271366	0.57352702	0.57076157	0.57828587	0.57315643	0.57625284
0.43405182	0.42709449	0.42010469	0.41413445	0.41998474	0.42595313	0.43362739	0.44253517
0.04049427	0.04047117	0.04040253	0.04008285	0.04209022	0.04415814	0.04623603	0.04976538
1.95503992	1.92143806	1.89863082	1.85055243	1.8459886	1.86917102	1.89126099	1.9307459
0.24973435	0.25383716	0.2588656	0.26221625	0.26337535	0.25787311	0.25329857	0.25215601
0.50802321	0.49172133	0.47950712	0.47576297	0.49182786	0.50558524	0.5312529	0.55769199
0.25489662	0.26280014	0.26949266	0.27628884	0.2823758	0.28778402	0.2941001	0.29912306
0.05332665	0.05409495	0.05474808	0.05532235	0.05587702	0.05629548	0.05659847	0.05692624
0.38371798	0.38549727	0.38726994	0.39523639	0.39926517	0.40723009	0.40979461	0.4122555
0.38962959	0.40212742	0.41031617	0.41428671	0.42828307	0.42960604	0.43303081	0.43306215
2.89705922	3.00188536	3.121384	3.23055806	3.44642948	3.6798601	4.0401047	4.34830525
0.09089337	0.0957569	0.10073944	0.10490316	0.11073543	0.11569891	0.12015001	0.12486797
0.02280016	0.02323681	0.02369674	0.02426807	0.0249617	0.02556905	0.02619091	0.02690406
0.39092217	0.38267651	0.37345822	0.36305486	0.37504591	0.38641427	0.39955211	0.41424821
8.28582958	8.54742314	8.73943795	8.96633719	9.22466472	9.52806203	9.79073952	10.0227304
0.59664428	0.61001463	0.62193712	0.63678395	0.64900424	0.66269198	0.67360393	0.69308993
16.0690579	16.1804134	16.2538778	16.3738772	16.3276114	16.0209829	15.5902024	15.1404734
2.88052143	2.89259156	2.92125226	2.90895634	2.8606301	2.79934896	2.79362911	2.85461689
1.23182097	1.24050511	1.24961843	1.26118696	1.2888512	1.3214604	1.35478118	1.38638336
4.00746289	4.04303478	4.08237818	4.10773056	4.20485588	4.28825068	4.42822536	4.37696559
0.31194405	0.33140469	0.35230718	0.37511677	0.39721896	0.42205293	0.44657485	0.46762032
7.7692435	7.92476648	8.06123736	8.1800094	8.41340984	8.74563563	9.09640841	9.37566187
0.45820561	0.46902356	0.48121566	0.4936185	0.52166027	0.54654111	0.57105945	0.59330269
4.74072392	4.85803663	4.94172607	5.05155775	5.12718789	5.18722452	5.29923364	5.39911445
5.02612135	5.20205924	5.38379394	5.55104549	5.61971888	5.68820314	5.7207167	5.76742565
0.00238422	0.00244972	0.00251878	0.00260037	0.00266867	0.00274052	0.00281779	0.00289655
0.38520511	0.38543065	0.38630083	0.38702409	0.39726246	0.40832707	0.4210991	0.43105477
18.4507792	18.5246393	18.4739628	18.259884	17.7973439	17.0964325	16.8552689	16.7691455
0.92818503	0.95935167	0.99035576	1.02121806	1.03703277	1.05270094	1.06985755	1.08536877
3.71940122	3.76482796	3.85840475	3.89253091	3.91014898	3.89261076	3.90391384	3.86821731
4.75652255	4.73872136	4.72756407	4.73208203	4.89619267	5.04564954	5.19245764	5.84166147
0.26005775	0.265758	0.27535134	0.27823568	0.28732443	0.29506807	0.3013783	0.30966529
0.02739507	0.02803679	0.02862517	0.02916546	0.02954356	0.03003801	0.03040453	0.03048287
0.41582733	0.43733239	0.45136946	0.45809385	0.45484598	0.48877267	0.47440014	0.50780449
0.06744125	0.06932277	0.06747349	0.0690498	0.07002332	0.07062618	0.06947365	0.06964393
5.66780535	5.66174585	5.45586186	4.83096411	4.39928754	4.20132863	4.15475495	3.90002039
76.1456283	76.2542766	77.5322554	75.5665353	72.3655779	68.6552148	64.6547992	61.5927817
0.42638207	0.42511965	0.41555121	0.39597826	0.38669398	0.37290484	0.35444928	0.32821142
7.66231019	8.01700101	8.30722653	8.68466949	8.86608758	9.15383107	9.89591868	10.2563909
2.37219026	2.38168533	2.36139701	2.33349168	2.20811528	2.01628793	1.89155255	1.89492796
2.70661594	2.788743	2.87561183	2.97100891	3.10593797	3.24475173	3.37721366	3.50970992
0.71460569	0.73670688	0.7589603	0.78235194	0.79882525	0.81379989	0.82874695	0.84264777
0.73799405	0.74100155	0.74066531	0.75808173	0.78230243	0.79341983	0.82254957	1.03997884
0.00069519	0.00069224	0.0006862	0.0006821	0.00066807	0.0006539	0.00063913	0.00062438
0.05982031	0.06181733	0.0638796	0.06602851	0.06837916	0.07134438	0.07381607	0.07673045
0.30877329	0.3213462	0.33254205	0.34128816	0.34280212	0.33380193	0.3300648	0.32667879
0.95172512	0.970591	0.99300913	1.01773471	1.04624384	1.08851854	1.12598406	1.16190862

0.97967778	0.99774718	1.01539006	1.02625758	1.02914413	1.02712032	1.0270353	1.03155522
0.00539124	0.00540094	0.0054208	0.00542985	0.00542601	0.00539885	0.00538213	0.00536564
0.00705741	0.0072161	0.00738057	0.00755025	0.00781332	0.00806965	0.00831759	0.00856747
0.14082475	0.14390629	0.14712609	0.15040786	0.15362023	0.15607095	0.15630743	0.15888397
3.45933667	3.47190531	3.44946619	3.49424557	2.93773028	2.68744753	2.70414144	2.9456959
0.94377629	0.98381203	0.9717395	0.9370988	0.88429775	0.76880632	0.7453848	0.81209828
5.83958807	5.88462511	5.88665067	6.15376719	5.94574509	5.74993933	5.83401313	5.7947853
0.34823958	0.34832221	0.32535379	0.29009738	0.35834673	0.36590395	0.38952153	0.39184952
0.03204827	0.03204762	0.03211837	0.03232323	0.03280666	0.03367684	0.03462236	0.03518462
1.71270042	1.75619692	1.81195347	1.85354866	1.77295554	1.8136748	1.79784027	1.76952814
0.00300986	0.00321257	0.0034475	0.00372336	0.00402021	0.0043477	0.00473469	0.00513275
0.55077334	0.56486886	0.57954215	0.59404612	0.61336834	0.63322456	0.64074779	0.66041618
0.36381572	0.37411343	0.38390581	0.39317606	0.396075	0.39654292	0.39107531	0.39813992
8.78761572	8.98999869	9.33696478	9.72444134	9.95917725	10.1823221	10.3077668	10.6119013
0.75964926	0.77824199	0.79368877	0.80627345	0.80116886	0.75970704	0.73159949	0.69827106
0.6142435	0.62862005	0.64156207	0.65801235	0.66860931	0.67301143	0.68975185	0.68719252
0.03297755	0.03399984	0.03505461	0.0362957	0.03773289	0.03935293	0.04097719	0.04210183
0.027227	0.02748074	0.02772653	0.02795688	0.02825342	0.02834828	0.02853062	0.02879367
1.62576034	1.67217933	1.71673829	1.73307443	1.78554366	1.81237857	1.89467501	2.12459199
1.48145599	1.53828734	1.59560532	1.65383033	1.7169867	1.79488369	1.85680814	1.91750362
3.90347631	3.85668236	3.94692485	4.27042083	4.40256363	4.85088834	4.71360194	4.72050197
4.11017598	4.28147621	4.44447396	5.08238895	5.21194884	5.25600914	5.26374191	5.38925447
1.11483892	1.16864193	1.22776901	1.31337935	1.32786298	1.34047147	1.35399791	1.36440288
0.98529676	1.05091749	1.121388	1.19505838	1.23911189	1.28243599	1.32735774	1.37161113
6.38908606	6.43442788	6.46917448	6.36007389	7.69922906	9.05613682	10.31137	10.1622108
0.31457497	0.31129053	0.31766687	0.31035169	0.32553111	0.32887957	0.32639925	0.33361704
238.640031	238.705225	238.749215	229.826542	230.255827	231.06923	228.997725	227.425537
3.40228832	3.48484443	3.55981491	3.63405351	3.69747739	3.67840892	3.70667871	3.71686394
0.02122113	0.02164614	0.02204358	0.02240259	0.02270104	0.02319803	0.02360507	0.02374405
5.23082033	5.40121667	5.52959553	5.67491967	5.90244237	6.07398875	6.23119793	6.40040533
0.0012214	0.00131334	0.00140684	0.00149663	0.00163377	0.00169557	0.00178428	0.001912
4.53361855	4.63207629	4.73668267	4.86453632	5.02191929	5.22019027	5.41781665	5.61305412
0.02982019	0.03078854	0.03185418	0.03305354	0.03428367	0.03551366	0.03671658	0.03831554
0.02306544	0.02314435	0.0232656	0.02340616	0.02351423	0.02368472	0.02394727	0.02414453
1.03116144	1.08689138	1.14492877	1.20993492	1.28865957	1.38085439	1.46953425	1.56408738
8.23008679	8.46373361	9.74134808	10.0752265	10.3130387	10.4543346	10.7154879	10.5455855
0.34535151	0.35103503	0.35921668	0.3671874	0.37187949	0.37646212	0.38184827	0.38338701
0.7835857	0.83447005	0.87678524	0.92472017	0.98520048	0.98395658	0.99091647	1.04345771
0	0	0	0.00017037	0.00110919	0.00175451	0.00283194	0.00666327
6.3365E-06	7.2184E-06	9.4712E-06	0.00013304	0.00077593	0.00121621	0.00194055	0.00454833
0.00033107	0.00037715	0.00049486	0.00094626	0.00149103	0.0021511	0.00359229	0.00618978
0.41266	0.40655	0.449555	0.71453962	0.8770989	0.92658995	0.92006885	0.98870783
2.01669522	2.06463649	2.20841641	2.29857343	2.32398916	0.26144464	0.37319759	0.4536675
0.00215794	0.00245829	0.00322546	0.00593745	0.01198746	0.00695668	0.00832783	0.01290083
0.00010323	0.0001176	0.0001543	0.00028163	0.00040314	0.00053884	0.00075479	0.00106385
4.65293867	4.87766261	5.28042413	5.14809988	5.29965257	5.42638984	5.76538645	5.18342641
1.14604448	1.11207216	1.03194258	0.8120806	0.97266324	0.93235229	1.1886605	1.44811806
0.28879352	0.24128936	0.13074257	0.33501004	0.29547106	0.25134136	0.16510492	0.1340179
0	0	0	5.1725E-05	0.00033676	0.00053268	0.00085981	0.00202303
0.15089559	0.16188063	0.18137712	0.85354718	0.8809751	1.35175426	1.38888655	1.62993909
0	0	0	0.00017218	0.00112096	0.00177313	0.00286201	0.00673401



0	0	0	0.00020871	0.00135882	0.00214937	0.00346928	0.00816287
0	0	0	0.00052521	0.00341941	0.0054088	0.00873033	0.02054156
0.00237065	0.0027006	0.00354339	0.01322067	0.0214204	0.02846726	0.0375439	0.05119615
2.38484514	2.45250378	2.54832006	2.94415921	0.31796268	0.44369722	0.6829961	0.69430184
0.7591718	0.81911215	0.80709611	0.71823893	0.64951038	0.41719452	0.20988376	0.14185495
0.00243746	0.00277671	0.00364326	0.00664976	0.01697336	0.02372247	0.0296551	0.0317298
0	0	0	0.00906	0.010575	0.01209	0.013605	0.01512
5.7469629	5.88971016	5.71156618	5.18877228	5.28263375	5.76275145	5.88064782	5.76373957
0.00159558	0.00181766	0.00238491	0.00439713	0.00650361	0.00846323	0.01081721	0.01448771
0	0	0	7.9577E-05	0.00051809	0.00081952	0.00132278	0.00311236
0	0	0	8.6811E-05	0.00056519	0.00089402	0.00144303	0.0033953
13.3001291	12.8626737	12.4180102	12.8715522	14.4626109	13.4461522	14.1133397	14.6145872
0.70743722	0.67173405	0.67824397	0.4701078	0.479658	0.47843571	0.45331993	0.47894218
0.0067601	0.0093451	0.0100647	0.01642456	0.03496272	0.03114152	0.03075361	0.03482548
5.06792615	5.10649021	4.52810154	4.59436106	5.52527783	6.68087087	9.58823603	12.5743664
0	0	0	0.00046155	0.00300494	0.00475319	0.0076721	0.01805168
0.84901596	0.83965087	0.89432109	0.87501531	0.85956825	0.8310237	0.87505772	0.83554337
0	0	0	0.00047898	0.00311845	0.00493274	0.00796191	0.01873357
3.091E-05	3.5212E-05	4.6201E-05	0.00015768	0.00059541	0.00091169	0.00140596	0.00306986
0.0951201	0.0791401	0.0612947	0.04295175	0.06181976	0.08516682	0.1079477	0.15641054
2.5359E-06	2.8888E-06	3.7904E-06	6.9182E-06	8.1417E-06	1.1995E-05	1.5448E-05	1.6673E-05
0.00039308	0.00044779	0.00058754	0.00117439	0.00216902	0.00327365	0.00478392	0.00805906
0.00246987	0.00281364	0.00369171	0.00686045	0.00837817	0.00911911	0.00932002	0.01389483
0.00271603	0.00309405	0.00405963	0.01078046	0.01495514	0.04401747	0.05090477	0.06027039
0.00943725	0.01035248	0.01258275	0.18049725	0.20062566	0.22939741	0.26206912	0.30440059
13.0176626	13.8647338	14.3724337	14.0909606	14.4327507	14.365074	17.3929276	18.3884495
0.10275308	0.1048675	0.11216766	0.11529124	0.16882345	0.23714802	0.38825869	0.51368553
0	0	0	0.00037039	0.00241149	0.00381447	0.00615693	0.01448661
0.18250906	0.22314001	0.27057409	0.32973052	0.23987875	0.21509194	0.18372877	0.16544454
0.00075734	0.00086275	0.001132	0.00223608	0.00414586	0.00569639	0.00766923	0.01304792
2.21587795	1.9070588	1.75472828	1.49078261	1.80023939	1.80419122	1.75763043	1.78855739
5.19701646	5.67284119	6.68278202	6.45169475	6.33276685	7.1175858	6.68593909	7.96913511
0.00187222	0.00192885	0.00204085	0.00070159	0.0014318	0.01755737	0.02174427	0.02655826
4.2697E-05	4.8639E-05	6.3819E-05	0.00011648	0.00013171	0.00013163	0.0002066	0.0002623
0.11640721	0.11068886	0.10853924	0.07632816	0.07329493	0.06809545	0.07487955	0.17429835
0	0	0	4.1452E-05	0.00026988	0.00042689	0.00068905	0.00162126
6.1273024	6.15302925	5.62775008	9.3023182	10.1988289	10.1370075	9.13412208	8.62608695
0.00012511	0.00014252	0.000187	0.00055944	0.001929	0.00285936	0.00441206	0.0095458
12.634823	14.2261679	14.7824259	15.9622356	16.6887684	17.3245168	18.1439399	19.36504
0.00036237	0.00041281	0.00054163	0.00098861	0.00160844	0.0008163	0.00057772	0.00061671
0.54612265	0.55875181	0.55775073	0.54574187	0.54561757	0.56481489	0.5522315	0.45717249
0	0	0	0.00016349	0.00106445	0.00168373	0.0027177	0.00639448
0	0	0	4.5648E-05	0.0002972	0.0004701	0.00075879	0.00178536
3.12797509	3.33814512	3.07652046	2.26447084	2.22180129	2.02991989	2.76221485	3.34255167
0.0015901	0.0018251	0.0018397	0.0018397	0.00184415	0.0018543	0.00185875	0.0018689
0.00376404	0.00428793	0.00562609	0.01032894	0.01515538	0.02113944	0.02814809	0.03800185
0.5076	0.44509	0.432165	0.37271	0.35156	0.31772	0.256855	0.204685
0	0	0	0.00014396	0.00093728	0.00148258	0.00239302	0.00563054
1.07819316	1.00022265	0.99540248	1.04669945	0.76760963	0.41518671	0.37447895	0.37643535
0.61611372	0.55309989	0.49011508	0.421885	0.39508295	0.24538926	0.29014863	0.35040607
1.6123254	1.4731814	1.63350408	1.64910545	1.73929558	1.81861038	1.81079248	1.8335068

8.13190396	8.05064007	8.83692982	8.44453482	8.74110521	8.30686764	7.97429219	7.32314377
0.03477663	0.03797846	0.04348261	0.06289932	0.08953454	0.11891907	0.16935836	0.23353086
1.74968975	1.80105324	1.98138284	2.64634612	3.13136912	2.9790169	2.6810383	2.38967838
0.54708	0.4324	0.362605	0.24941419	0.26313557	0.26657595	0.24662536	0.24123088
1.10507455	1.10337497	1.21292994	1.20479577	1.23347565	0.13891393	0.14796625	0.15657267
0.26537727	0.44370212	0.46827174	0.43624004	0.43034055	0.45302468	0.49358242	0.5318411
4.17443139	4.25542763	4.35751654	2.1607551	2.42289128	2.29284476	2.68208713	3.34169726
0.00055383	0.00063091	0.0008278	0.00151093	0.00223232	0.00294878	0.00433494	0.00545012
6.2396E-06	7.1081E-06	9.3263E-06	0.00061711	0.00393077	0.00622212	0.0100318	0.02354606
24.6444958	26.0789481	27.63243	35.9387578	40.7395415	44.0748467	48.6902069	54.2718281
0.00197504	0.00224993	0.0029521	0.00538823	0.01117724	0.01683179	0.02036167	0.02176617
0	0	0	0	0	0	0	0
0.00030034	0.00034214	0.00044892	0.00081938	0.00178499	0.00219734	0.00223631	0.00190344
0	0	0	0.00010815	0.00070413	0.0011138	0.00179777	0.00422998
4.1374E-06	4.7133E-06	6.1842E-06	1.1288E-05	1.5716E-05	2.1793E-05	3.0929E-05	4.2322E-05
1.57812725	1.6498361	1.72537639	1.90940096	1.97249738	3.23073722	3.29889818	5.36589775
0.43687366	0.3693876	0.34316948	0.29296663	0.40473452	0.49919671	0.55112731	0.6415732
0	0	0	0.00053172	0.0034618	0.00547585	0.00883855	0.02079621
1.8409E-05	2.0971E-05	2.7516E-05	5.0222E-05	7.17E-05	9.5691E-05	0.00012435	0.00016446
0.20915	0.221605	0.26179	0.27839139	0.26666062	0.24381948	0.20364548	0.18365963
0	0	0	0	0	0	0	0
0	0	0	0.00010019	0.00065233	0.00103184	0.0016655	0.00391874
0.0053734	0.00612129	0.00803159	0.01465942	0.03515313	0.04058506	0.0433641	0.04892811
0.00185631	0.00211468	0.00277463	0.00670959	0.00944561	0.01741532	0.02777556	0.03333029
0.0063898	0.00727915	0.00955083	0.01743233	0.03623219	0.03026532	0.03946655	0.05509098
0	0	0	0.00037144	0.00241832	0.00382527	0.00617436	0.01452764
0.00028661	0.0003265	0.00042839	0.00078191	0.00143805	0.00121605	0.00171368	0.00109996
0.00013727	0.00015638	0.00020518	0.00055463	0.00161148	0.00242309	0.00371924	0.00792256
1.3570099	1.36366401	1.29041916	1.35972194	1.57229836	1.08865475	1.41376156	1.29979288
0.00119248	0.00135845	0.00178241	0.00325329	0.00762055	0.01154272	0.01477998	0.01980099
0	0	0	0.00010815	0.00070413	0.0011138	0.00179777	0.00422998
0.000941	0.00107197	0.00140651	0.00257814	0.00382107	0.0067068	0.0084183	0.01074802
0	0	0	0	0	0	0.01014525	0.01523089
0.00029016	0.00033055	0.00043371	0.00085448	0.00158042	0.00189945	0.0028408	0.00504128
0	0	0	0.00014794	0.00096318	0.00152355	0.00245916	0.00578616
8.9405E-05	0.00010185	0.00013363	0.00024391	0.00036695	0.00052015	0.00072183	0.00096951
0	0	0	7.813E-05	0.00050867	0.00080461	0.00129873	0.00305577
0.000047	0.000047	0.000047	0.00023706	0.00023706	0.00023706	0.00023706	0.00023706
0	0	0	6.0406E-05	0.00039328	0.00062209	0.00100411	0.00236256
0	0	0	0.00011557	0.00075241	0.00119016	0.00192103	0.00451999
0.14289625	0.17028935	0.20188431	0.24292375	0.17752465	0.15679588	0.13877225	0.16598424
0	0	0	4.8831E-05	0.00031792	0.00050288	0.0008117	0.00190986
7.8819346	8.58255932	8.90010296	8.68305907	7.58640776	8.38177495	9.07290117	10.7412397
6.90569758	7.25274254	7.03455243	6.86379458	6.00743733	3.58992707	3.83028173	3.89708987
0.99503982	0.96692251	0.93115092	0.88087935	0.89913146	0.85989704	0.99861512	1.01640137
0.0014299	0.00162893	0.00213729	0.00412854	0.00707659	0.01013233	0.01401424	0.02190877
0.869265	0.87091	0.978775	0.99396486	0.92254558	0.81419417	0.64647523	0.53549924
0	0	0	0.00017941	0.00116806	0.00184763	0.00298226	0.00701695
0.00298182	0.00339685	0.00445692	0.00832931	0.01259329	0.01620663	0.02226477	0.03671716
0.20539	0.182595	0.18048	0.16050181	0.23980915	0.30957774	0.34612849	0.39081089
0.00105675	0.00120383	0.00157952	0.00288298	0.00464879	0.00766244	0.01317033	0.01802753

0.53706042	0.47380435	0.4122673	0.25375805	0.27457199	0.29324462	0.34836547	0.42793015
0.01049895	0.01196017	0.01569273	0.02920658	0.03854046	0.04390555	0.05258364	0.07313941
0.08806729	0.09701557	0.10892956	0.03266501	0.04927832	0.0665089	0.08286523	0.10607185
0	0	0	0.00013022	0.00084779	0.00134102	0.00216454	0.00509295
0	0	0	0.00062866	0.00409293	0.00647417	0.01044993	0.02458763
3.43056542	3.57012962	3.67221363	2.33719823	2.21309537	1.57763511	1.59535352	1.71373387
42.2146675	45.8397429	46.8264421	45.8957882	50.1375598	45.4658974	38.602997	37.5210874
0.00036807	0.00041929	0.00055014	0.00100414	0.00118939	0.00153454	0.00141788	0.00037703
2.07223589	2.06644774	2.31250511	2.422065	2.47287926	2.3137529	2.02000383	1.92211032
0.97955645	1.05768236	1.05672324	0.9996851	1.0598565	1.16069493	0.68483903	0.55965139
0	0	0	0.00038088	0.00247978	0.0039225	0.00633129	0.01489688
0	0	0	0.00026152	0.00170264	0.00269323	0.00434712	0.01022834
0.32220159	0.31525655	0.34531833	0.57641063	0.73706469	0.80501546	0.87885726	0.97815465
3.613E-05	4.1159E-05	5.4003E-05	9.8568E-05	0.00013806	0.00011311	0.00014079	0.00016147
7.5984E-06	8.656E-06	1.1357E-05	0.00010537	0.00058149	0.00091751	0.00147385	0.00340473
4.6235E-06	5.267E-06	6.9107E-06	0.00033888	0.00214048	0.00338075	0.00544966	0.01279394
0.0146947	0.06678124	0.17014781	0.16078613	0.15757364	0.16631711	0.1547724	0.13726604
0.06634118	0.05944689	0.0569185	0.05002539	0.08388895	0.06507044	0.07269376	0.10744521
0.66784154	0.67111497	0.74547857	0.76724529	0.75936679	0.72413177	0.74899348	0.69880393
0.92470716	0.80491193	0.70415071	0.54451501	0.58346777	0.63081139	0.68404005	0.7629539
0	0	0	0.00097663	0.00635841	0.01005769	0.01623408	0.03819712
0	0	0	0.00011647	0.0007583	0.00119947	0.00193606	0.00455536
0	0	0	0.00014432	0.00093963	0.0014863	0.00239904	0.00564469
1.05515	1.11907	1.323755	1.41224515	1.46097199	1.44690878	1.32085013	1.31994253
3.30907828	3.37863698	3.43733232	3.21511862	4.74123656	4.04877112	2.96954891	2.77567383
0.00030514	0.00034761	0.0004561	0.00088167	0.00230066	0.00353095	0.00441744	0.00530892
0	0	0	0.00033242	0.00216421	0.00342334	0.0055256	0.01300117
0	0	0	0.00029407	0.00191459	0.00302848	0.00488826	0.01150158
1.93353612	2.05285446	2.26581494	0.32318897	0.30072584	0.32057574	0.32817637	0.33701899
0.003055	0.00423	0.004559	0.088125	0.65406313	1.0879313	2.17393943	2.68202257
0.24555896	0.23665348	0.22757634	0.20524765	0.31298611	0.36880521	0.37010853	0.35666896
0.00036931	0.00042072	0.00055201	0.00100755	0.00146675	0.00217228	0.00285137	0.00399578
88.6263533	99.8032633	102.635756	139.325411	138.66822	149.448161	155.06265	166.069181
0.00352802	0.00401906	0.00527333	0.00962497	0.02444039	0.0320628	0.04383561	0.05281599
3.8377E-06	4.3719E-06	5.7363E-06	1.047E-05	1.4455E-05	2.1445E-05	2.6885E-05	3.1352E-05
2.37481266	2.35185834	2.70976272	2.73706693	2.66085872	2.60933291	2.34213197	2.17427333
0	0	0	0.00160022	0.01041837	0.01647971	0.02659983	0.0625867
0	0	0	0.00114442	0.00745088	0.01178575	0.01902333	0.04475996
1.40724039	1.37511994	1.34732235	1.3364911	1.21406387	1.27717676	1.30435353	1.37588601
5.3176E-06	6.0578E-06	7.9483E-06	1.4507E-05	1.9184E-05	2.314E-05	3.1948E-05	3.1809E-05
0	0	0	0.00012877	0.00083837	0.00132613	0.00214049	0.00503636
			0.00094194	0.00093776	0.00093749	0.00094002	0.00095452
1.81246351	1.88730652	1.87781467	1.84168834	1.89566188	1.86613376	1.88522801	1.7142482
2.27350219	2.0373439	2.19699849	2.23529011	2.13721564	2.31952225	2.27780101	2.23585708
0.94986512	0.99586876	1.07485903	1.00307093	0.72652341	0.66861351	0.72025357	0.87786256
0.00228457	0.0022844	0.00227829	0.00223623	0.00213462	0.00212513	0.00200058	0.00200449
0.10169679	0.10958099	0.11446207	0.1221297	0.13078596	0.13996397	0.14988069	0.16289838
22.9177827	23.6606286	23.8301343	24.1572336	23.8088514	24.208207	23.7033121	24.4714715
0.43188239	0.41364408	0.39518122	0.3890927	0.37128731	0.34845955	0.29159923	0.27926878
0.00882636	0.00891998	0.0081312	0.00804216	0.0082834	0.00830348	0.00848059	0.00876437
28.1344295	29.3453983	30.3590365	32.694264	32.5459182	31.6611881	31.5289155	32.3103242

2.49687874	2.56183559	2.42553178	2.48635772	2.45359279	2.37510326	2.30170123	2.3127113
1.16810983	1.12523225	1.12880005	1.14135137	1.08876471	1.00072022	0.91159861	0.86043181
0.26644462	0.27955223	0.27174788	0.2871009	0.28517911	0.29272921	0.28605289	0.25340458
2.79960093	2.79592832	2.80559445	2.81704736	2.8143541	2.75937618	2.76746351	2.7637077
0.59785901	0.56755957	0.59304075	0.63120187	0.68086733	0.68097161	0.65199802	0.76269645
2.09377255	2.18293067	2.29744882	2.28524709	2.42807323	2.41777166	2.4719118	2.57772989
9.33416348	9.75940096	10.5191546	10.5319955	11.18522	11.3600819	11.622936	12.2640668
4.49805805	4.86838888	4.65962133	4.41724264	4.02014838	3.09432527	2.51330279	2.49135012
0.00714215	0.00871793	0.00974768	0.00996036	0.00965952	0.00979391	0.00960016	0.00932673
0.00581666	0.0059664	0.00639067	0.00651174	0.00558651	0.00590863	0.00588751	0.00532622
0.65150828	0.63779007	0.62633011	0.61272276	0.60700247	0.50076782	0.4841851	0.43699606
7.60046051	7.45250518	7.53185648	7.52770584	7.30408392	6.92573241	6.68346623	6.34862229
0.0603991	0.06407319	0.06122345	0.0651914	0.06833198	0.06959945	0.06652135	0.06938717
0.00079941	0.00080012	0.00093536	0.00093646	0.00089908	0.00086752	0.00082849	0.00082921
2.92927027	2.92884921	3.12331777	2.6889989	3.0057486	2.71867878	3.30527335	3.17644976
66.4690669	67.7443661	68.0110475	68.3992654	72.1552838	75.5431584	80.0270671	82.1631363
0.02404094	0.02543689	0.02840639	0.02561339	0.02515184	0.02427581	0.02313256	0.02382068
0.06248133	0.06037121	0.05935238	0.05921562	0.06149028	0.06225947	0.06340455	0.06158617
0.0849096	0.08435602	0.08906951	0.08887615	0.0606488	0.05247729	0.05697086	0.05904925
1.31721962	1.54242903	1.48751189	1.63971263	1.31927555	1.19524761	1.26101298	1.18599198
3.47145216	3.21207762	3.88074342	3.91301309	4.08706543	4.04174566	3.44594998	3.98949427
13.5962738	12.5974464	14.1698421	13.9970537	14.5412526	14.5314511	15.3747115	15.8828279
1.68671538	1.69388989	1.69844769	1.65542849	1.63102425	1.60692908	1.58669797	1.59031311
3.40782193	3.47027852	3.46715606	3.48359536	3.46051048	3.57416153	3.7109808	3.91127149
186.84555	198.941751	204.623993	212.359046	217.034655	221.221156	211.55559	221.142658
0.91981308	0.94411241	1.04635185	1.11208492	1.13557818	1.13575055	1.17934874	1.32670119
2.6706563	2.63583414	2.91119708	2.93972484	2.9619189	3.02183324	2.78931644	2.94126477
4.96662707	5.52751328	4.06188636	4.48241972	4.05261016	4.68196662	5.84848325	3.86746598
0.63214032	0.59029626	0.33277596	0.28803605	0.26758208	0.37445747	0.70812738	0.24727907
0.00275174	0.00287108	0.00271778	0.00280309	0.00275139	0.00295112	0.00324855	0.00366969
12.1881758	12.4643742	12.9135936	13.0383172	13.078363	12.9551039	13.3092324	13.3792012
0.02504017	0.02592607	0.02667848	0.02597268	0.02522522	0.02529091	0.02584613	0.02620229
0.02584915	0.02945695	0.03104001	0.0333922	0.03753635	0.05185934	0.0518881	0.04081014
1.23071098	1.24052875	1.26085231	1.2386086	1.28313825	1.28916619	1.26621608	1.24688345
6.04486339	6.06397239	6.39356898	5.91025064	5.69390073	5.46814728	4.94843211	4.78570169
0.00084279	0.00070955	0.00068099	0.00078679	0.00065689	0.00060572	0.00056905	0.00076277
0.14597193	0.1504773	0.15443649	0.1498111	0.14803283	0.17485413	0.17229543	0.17095588
7.36700323	7.69186799	7.92664722	7.32215351	4.91788142	4.6445698	4.04363853	2.9076565
31.4145998	31.474795	30.7251095	27.9534127	26.6013185	24.9531479	24.3986497	25.2051555
0.10866372	0.11665999	0.12355381	0.12904905	0.12972723	0.12963262	0.13495837	0.13983835
0.00695888	0.00704939	0.00740389	0.00731865	0.00723503	0.00727951	0.00739212	0.0074967
4.64513713	4.66143456	4.81412461	4.84795451	4.71354064	4.47269484	4.55624295	4.44082202
1.21749126	1.21052567	1.34283116	1.39622711	1.51191147	1.47288964	1.48774535	1.52593255
2.1767423	1.98090371	2.01208771	2.10279846	1.96532109	2.07292179	2.24637382	2.11015814
1.99517868	2.11714995	2.23535445	2.24658755	2.38051525	2.52079809	2.73348773	2.81963579
6.70002024	6.94105561	6.96418315	6.84323662	7.31968641	7.34553967	7.70112766	7.04498511
0.83241021	0.84869264	0.87528436	0.88690142	0.892622	0.91412671	0.65686516	0.67098716
0.02629134	0.02690865	0.02741178	0.02743944	0.02777381	0.02783335	0.02869092	0.02881138
12.6184304	13.4399446	13.2163298	13.0696306	12.817851	11.6530683	12.4169123	12.3223596
0.92044305	0.88751132	0.84664461	0.83902051	0.81969474	0.76814261	0.6930742	0.57619136
12.0777914	12.1791203	12.884856	13.2116265	13.3027771	13.5876181	12.0576747	12.2477723

2.3860621	2.41275391	2.43345426	2.35748848	2.29621991	2.12184702	2.12471725	2.12956861
0.19643222	0.19726218	0.19663955	0.20214613	0.20320664	0.21085488	0.22583881	0.23890018
0.03822935	0.03940703	0.04171595	0.04054378	0.04110692	0.03805094	0.03726111	0.04058123
30.9537455	30.9221692	31.2522099	30.5060589	30.6924552	28.2912187	28.302971	28.6989758
0.00524016	0.00516892	0.00520077	0.00530872	0.00525713	0.00522775	0.00537536	0.00544771
0.53638536	0.75903058	0.12869853	0.16123235	0.13065305	0.26323614	0.70695883	0.13160213
20.1273047	19.9496096	20.4236898	20.1715617	19.2274949	18.3799583	18.3621469	18.9126381
0.6992708	0.67048031	0.67491404	0.67110845	0.65726754	0.61108868	0.53845178	0.52810071
0.89199533	0.84175744	1.01069053	0.98428451	1.02384891	0.95058703	0.9888572	1.06804138
0.68931335	0.7423818	0.8650608	0.87598141	0.92985126	0.91737311	0.90413557	1.07675729
0.04098759	0.04128696	0.03936926	0.03427412	0.03499825	0.0346441	0.03422357	0.03513337
0.13900599	0.1423137	0.14650436	0.14545821	0.15241223	0.15043953	0.15152685	0.1534349
0.22748783	0.21819315	0.24210387	0.25256124	0.26462883	0.25879355	0.25778791	0.26968909
0.0256315	0.01387085	0.01074473	0.00922329	0.01195924	0.01228329	0.02168147	0.01438468
3.70738008	3.88050116	3.85190836	3.87307851	3.84784734	3.68048727	3.35288643	3.49003293
0.00391289	0.00392752	0.00396982	0.00400812	0.00397706	0.00396405	0.00398822	0.00418148
0.00132197	0.00129228	0.00131621	0.001346	0.00132048	0.00133418	0.00135813	0.00137185
1.30426236	1.31623336	1.42149672	1.47073291	1.61774842	1.66049257	1.77595351	1.78262922
0.07011647	0.03099919	0.02909685	0.02213519	0.04100602	0.03278111	0.051297	0.02018284
1.37552169	1.38149992	1.33277764	1.32562993	1.34456393	1.38100478	1.40188932	1.35023513
0.03193442	0.03055206	0.02903285	0.02677236	0.02331878	0.02016161	0.01445361	0.01388664
1.42310936	1.41239346	1.38515711	1.38718072	1.40354058	1.39800953	1.3405757	1.38264537
2.14601362	2.12451159	1.97734777	1.9491349	1.64442944	1.37089946	1.2157161	1.20596047
0.66931486	0.6608029	0.63698368	0.59377818	0.63327443	0.71659883	0.68428815	0.68312314
5.9556732	6.13417437	5.77145493	4.32312693	3.97882624	2.82845366	2.99234224	3.05243363
43.3721272	44.4173688	43.5510014	44.9301745	45.3734909	46.8093398	45.7353895	46.3735921
88.3911483	97.4322167	98.4661876	101.525132	104.718113	108.118169	110.488459	115.096942
5.78750507	5.83270327	6.04223967	6.18226646	6.14139186	6.17623579	6.44687458	6.59201103
11.1161516	11.1940638	13.3139578	12.4165471	12.6897799	14.5440885	13.1823378	13.7112648
2.37988121	2.56933502	2.40869203	2.45121911	1.65292505	2.05812622	2.86697913	2.79003547
0.28182609	0.28123672	0.2838909	0.28689219	0.28348375	0.27461008	0.2799138	0.27642482
0.6141921	0.59982742	0.60666667	0.60810561	0.56297818	0.59273716	0.60565524	0.72558025
13.3954149	12.8995959	12.0678252	12.2641635	12.1638708	12.0324619	11.7656553	11.5281664
0.21914533	0.21583821	0.21631261	0.23516293	0.23587742	0.25792309	0.26239345	0.25660052
0.18674862	0.23655	0.23205543	0.2243089	0.30496262	0.33196265	0.32293813	0.27481437
7.8343355	7.60295445	7.39504245	7.35999574	7.32251258	7.20046777	7.29557207	7.08341331
15.5169934	15.300995	15.4507964	15.6526536	14.7782131	14.4112424	13.7261991	13.117621
6.18112417	6.69339491	6.85714581	6.96377818	6.76645394	6.79871228	6.89382961	6.96447402
1.94787951	1.9125375	1.85788804	1.82717652	1.75553731	1.65756412	1.53733247	1.35787399
1.72767586	1.57847587	1.94992955	1.9426696	2.0342065	2.18663604	2.07472945	2.09281894
0.00190189	0.00182884	0.0018222	0.00193899	0.00141783	0.0014541	0.00148234	0.00149552
0.00447439	0.00448452	0.00428524	0.00389071	0.00397416	0.00418891	0.00389059	0.00385574
4.06306858	4.1314075	4.192515	4.25052162	4.2464931	4.53996278	4.69312966	4.80496198
0.07020376	0.06954232	0.06940728	0.05641467	0.01892851	0.02432778	0.04431879	0.05487337
0.91807066	0.9558127	0.95416191	0.98935284	1.08066378	1.12534626	1.20704535	1.20921832
0.16636092	0.17409637	0.19278357	0.18207062	0.19532944	0.20785966	0.228694	0.19200142
0.10390494	0.10387021	0.10487316	0.10949139	0.09693149	0.08565634	0.08488361	0.10303101
0.60314986	0.58548025	0.61859579	0.66736629	0.65355308	0.58867103	0.62130676	0.57052406
0.00877454	0.00885989	0.00879627	0.0087917	0.00874406	0.00880082	0.00887906	0.0090311
1.11405986	1.11482706	1.1282295	1.04207743	0.99384873	1.05873869	1.13381312	1.184061
0.45871226	0.45628144	0.42908557	0.38354343	0.37896278	0.42776493	0.42237694	0.40645967

2.30372267	2.25558455	2.28004352	2.28468487	2.19821003	2.0750274	1.74172123	1.53618484
0.14974998	0.1490695	0.14874353	0.14989679	0.150333	0.14656618	0.1437492	0.14242418
1.87784214	1.83227815	1.8134222	1.80819957	1.76681437	1.68838888	1.49940078	1.14817972
0.00089565	0.00090016	0.00089738	0.00089729	0.00090214	0.0009069	0.00092547	0.00087056
3.53113748	3.50301057	3.57115985	3.66782544	3.44513589	3.23722266	3.07796086	3.07877223
0.91777633	0.90111391	0.91412281	0.90155174	0.85487135	0.79092942	0.72658616	0.70499009
5.03517577	5.1315153	4.85523923	4.8964483	4.94050077	4.988228	5.11488944	4.9573623
0.0006265	0.00062069	0.00062159	0.00060175	2.7267E-05	1.7323E-05	1.4702E-05	1.4884E-05
25.1602628	24.3229835	25.2191568	25.1056407	23.9707215	24.1409841	24.3715561	24.5118137
0.7697758	0.7716015	0.71252731	0.71202969	0.57491817	0.51532382	0.47057409	0.53735798
2.46301924	2.6130008	2.74824055	2.89703774	2.85226366	2.82968734	2.84979116	2.99807832
0.0224619	0.02304913	0.02353971	0.02423526	0.02444575	0.02581168	0.02581519	0.02530217
6.71035978	6.85789529	6.27944239	6.20308597	6.31853261	6.50653776	6.66785401	7.13903022
2.58116771	2.63495317	2.68182342	2.82702349	2.96346995	2.94598081	2.97979732	2.91896044
2.26197187	2.01119108	2.44271804	2.64051041	2.47302482	2.46939644	2.30662758	2.78094789
1.02287224	1.07466456	1.1340109	1.17003245	1.20337085	1.12263216	1.1677266	1.1372836
0.02609382	0.02572274	0.02627048	0.02562282	0.0257284	0.02486491	0.02311189	0.02314997
0.0979038	0.08787612	0.09239078	0.08950942	0.08805619	0.08923197	0.08278618	0.09224959
0.74308614	0.63232871	0.64142562	0.63893513	0.62491044	0.63001581	0.63155939	0.59022473
5.76765927	5.92803265	6.08656388	6.04751589	5.95322389	6.16935331	6.31599936	6.21161306
1.1695362	1.2593877	1.31271856	1.35425223	1.41565727	1.37571743	1.31039796	1.29187614
0.07101096	0.07267613	0.06415328	0.06367782	0.06562621	0.06579298	0.0633003	0.05806864
1.87802317	1.98793883	2.07901033	2.17688438	2.29089942	2.41257484	2.56078401	2.67941611
9.62780941	9.8104916	10.101075	10.0857843	10.2762187	10.4760056	10.8271231	11.1123435
1.9553555	2.11526616	2.06329603	2.18662977	1.96490695	2.05250185	2.15130848	2.08852709
6.98344193	6.7145642	6.60653047	6.59326949	6.61102204	6.5896672	6.44144885	6.49184991
1.09002697	1.5435026	1.55033848	1.57390322	1.58703014	1.56802669	1.57786535	1.58120109
2.23166614	2.29801977	2.35074909	2.38333752	2.40603474	2.42706222	2.41200327	2.62326338
8.15891535	8.24599829	7.95640831	8.18487211	8.0876772	8.09612745	8.16243605	8.61002854
0.14557179	0.14872042	0.14993961	0.15308524	0.16531749	0.17958559	0.19151994	0.20477616
17.4268649	17.9356796	19.0270103	19.3208058	19.5806137	20.795001	21.2849801	22.0399304
0.59779962	0.6035041	0.6156198	0.61037833	0.62138456	0.63748822	0.64461659	0.65479115
3.84466842	4.17603986	3.54570701	3.25932876	3.14220773	3.25080964	3.85459234	3.5669945
5.65466821	5.7151365	5.80052388	5.91009598	5.34809994	5.66124014	6.02579722	6.12267385
0.27409686	0.27601403	0.20269327	0.20169645	0.21730401	0.27193966	0.27752727	0.22853678
19.2469338	19.977583	20.0291242	15.7562816	14.8110626	14.7261067	14.6175838	14.8120202
0.23780436	0.25495539	0.26371716	0.27052389	0.27405639	0.21841034	0.22205057	0.22481784
4.38948375	4.75112888	4.6107581	4.6554446	4.65194771	4.55325843	4.40756764	2.53124772
2.39597966	2.44232052	2.42117319	2.46291282	2.41121352	2.34289505	2.32069311	2.35736669
3.1279868	3.3430495	3.31631564	3.33442044	3.09533945	3.13658444	3.49676073	3.66041482
0.00964127	0.00963489	0.00958925	0.00926148	0.00943664	0.0098855	0.01034408	0.01044383
0.0264509	0.02813195	0.03277928	0.03347077	0.03777265	0.04229368	0.04880119	0.07466951
0.03592378	0.0369808	0.03460357	0.03773351	0.04201186	0.04213629	0.04274742	0.0429432
11.912308	11.9025703	12.112529	11.4585687	8.34526201	7.69479005	7.33935512	6.58361465
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0.33743231	0.34208691	0.34886755	0.35011986	0.36559981	0.35619004	0.3506799	0.32587712
2.29027276	2.33285813	2.4637091	2.57839846	2.70683141	2.80017617	2.6150291	2.34004384
3.36520466	3.26790494	3.2426687	3.13597279	2.99613389	2.56389214	2.47359356	2.39484434
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0.03082654	0.02207042	0.02327411	0.02067818	0.0048793	0.00442908	0.00442872	0.00466197
0.00077859	0.00082197	0.00083755	0.00082238	0.00074406	0.00074575	0.00075056	0.00059183
0.01218707	0.01196863	0.01154919	0.01198446	0.01172891	0.01193258	0.01194665	0.01208037
0.19593821	0.1862688	0.19586746	0.25393657	0.25110222	0.25233685	0.24929241	0.28087904
0.92540718	0.95387609	0.89446365	0.90189018	0.92510752	0.93228654	0.9128703	0.8743006
4.71309104	4.98395559	4.92623306	4.38710192	3.73561106	3.27099728	3.82724899	4.28922944
9.8458E-05	9.5321E-05	5.8758E-05	5.3396E-05	2.9694E-05	3.6187E-05	2.8595E-05	1.9846E-05
0.00257592	0.00261719	0.00269513	0.00276983	0.00285248	0.00299596	0.00279154	0.00287105
0.19721978	0.14375001	0.13041186	0.12241416	0.14675292	0.1781797	0.17043824	0.10912477
2.10628376	2.39337745	2.45534718	2.26906839	1.51427154	1.35331764	1.20434581	1.22309115
0.91692014	0.92894044	0.80742361	0.82055021	0.6753666	0.54171121	0.55187429	0.52115837
3.66410004	3.56162619	3.67607057	3.62479558	3.37251803	3.45733396	3.6143721	3.57907169
0.3564554	0.35608854	0.38180337	0.40018631	0.40697571	0.42285878	0.34633351	0.35841023
0.00424331	0.00434534	0.00454538	0.00496299	0.00504676	0.00486005	0.00491981	0.00497627
2.12813722	2.39258262	2.2773187	2.53479161	2.39287566	2.43928015	2.3905338	2.56465092
3.20296609	3.44663217	3.71734332	3.96252285	4.1619082	4.34952377	4.46447739	4.7807848
0.3031485	0.36281928	0.38576256	0.4141494	0.37453485	0.32896419	0.32015995	0.3338765
9.44882278	9.87100113	10.2738245	10.5525196	10.9553925	11.5384921	12.5410666	12.6563676
1.27431006	1.23722402	1.19702644	1.17683544	1.14888717	1.09618754	0.99343263	0.9758298
1.74000852	1.68191958	1.5461771	1.49698283	1.42503939	0.82886504	1.00306731	1.02612636
0.0709694	0.06779885	0.07926616	0.08449224	0.0916714	0.09979716	0.10475461	0.1291942
0.01939308	0.02055623	0.01878692	0.01673408	0.01638868	0.01836204	0.0181295	0.01767707
0.07785068	0.06312336	0.06805847	0.09230331	0.09179111	0.09477992	0.07569809	0.07563975
1.02398366	0.97373009	0.99783356	0.99201603	1.09402225	1.11089271	1.16307554	1.07376789
15.6276828	15.2713051	15.3144681	15.4121423	14.7908821	15.2602106	16.0335672	14.1869406
2.19318688	2.37088544	2.39695757	2.48589134	2.59773083	2.53009647	2.65657722	2.71865111
6.06149117	6.11184331	5.91958854	6.05438247	6.01776519	6.28675949	6.50674893	6.25501215
2.08283361	2.25779484	2.39849246	2.68150647	2.8068912	2.85522733	2.94622056	2.85187509
26.1076754	25.158895	24.3595974	24.0749015	22.7660827	18.3383834	17.546925	16.3350891
5.02459828	5.30780805	4.98595816	4.7114875	4.9595819	5.10940165	5.22087134	5.30018281
115.883478	112.995378	118.037462	120.504561	117.016109	120.500234	123.14371	124.031522
8.55468745	8.23989845	7.53665331	7.25633094	6.81313509	3.4563668	3.4617101	3.48210709
0.00751357	0.00902826	0.00735803	0.00649317	0.00596545	0.00594695	0.00596504	0.00602961
7.28958497	7.5332375	7.21032106	7.04171045	7.08380767	6.94987205	6.71307169	6.88607448
0.00209052	0.00213207	0.00212789	0.00211309	0.00214039	0.00214923	0.00213003	0.00215856
6.53746271	7.3080278	7.47820014	7.46822377	8.57765566	8.34593245	8.72039136	10.5038635
0.06654593	0.06704476	0.06928777	0.07524193	0.07778227	0.08284066	0.08734529	0.08839353
0.02646607	0.02662598	0.02631455	0.026482	0.02644208	0.02573298	0.02625853	0.02672834
0.99774832	1.04682195	1.06465286	1.29739688	1.22384181	1.27057235	1.30138194	1.28793563
10.196494	10.6260046	10.9851497	11.3185811	11.2966981	11.1506686	11.264003	10.9486579
4.92353788	4.90228539	5.00687751	5.07120466	4.95084496	5.08288362	5.00839817	4.84399219
3.3775832	3.45765548	3.51338718	3.84228545	3.27052554	3.3774277	2.73780204	2.78597128
0.00024733	0.0002747	0.0003856	0.00036185	0.00041518	0.00044234	0.00043652	0.00048456
0.00936021	0.00940592	0.00951159	0.0122651	0.01210126	0.01012036	0.01050309	0.01083103
0.11932023	0.12114221	0.12291571	0.12557421	0.1278173	0.13027637	0.13282521	0.13559072
7.8496E-08	6.3323E-08	6.7004E-08	1.0179E-07	7.0359E-08	1.1325E-07	1.517E-07	1.5229E-07
0.02242072	0.02272237	0.02200114	0.0236206	0.02056027	0.01771634	0.01649835	0.01567846
0.00025821	0.00017088	0.00018982	0.00023216	0.00023217	0.00026883	0.0002915	0.00031634
6.7686E-05	0.00013412	0.00013036	0.00012785	0.00012033	0.00154932	0.00128438	0.00116507
0.56282976	0.55376695	0.47999421	0.49288077	0.54468637	0.60712461	0.66434204	0.77353369

0.08083401	0.08084525	0.08075873	0.06489217	0.00819146	0.00395469	0.00164019	0.00183564
0.00027251	0.00029558	0.00030954	0.00028065	0.00028898	0.00028073	0.00026939	0.00028805
0.42503658	0.41655221	0.43720856	0.42646738	0.43075187	0.43790572	0.46563765	0.46448562
0.20410161	0.24236154	0.22561121	0.17436733	0.18449549	0.17715523	0.17684534	0.16970421
0.23304003	0.23280946	0.23276015	0.1852647	0.09689289	0.11014957	0.07078514	0.05525297
0.08158957	0.08358837	0.0869273	0.09219102	0.0937268	0.09203727	0.09384015	0.09612417
0.1403987	0.16352666	0.16406932	0.16864001	0.1866066	0.18819665	0.20434382	0.20695614
0.05202668	0.05341249	0.05481617	0.05623138	0.05761689	0.05903134	0.06042488	0.06181765
0.13286058	0.1331692	0.13677375	0.14676223	0.14932354	0.14899372	0.15159301	0.15257202
0.95198717	0.9616192	1.01109841	0.99809325	0.98976942	1.03660585	1.0540769	1.06280482
0.05336772	0.20426641	0.20558628	0.17991581	0.14533035	0.11174364	0.10340082	0.10234463
0.00012828	0.00013079	0.000139	0.00016561	0.00018204	0.00020419	0.00019722	0.00021241
0.001801	0.00184668	0.00218945	0.00224876	0.00211409	0.00182842	0.00184043	0.0019737
0.01224223	0.01105057	0.01198775	0.02669838	0.02660846	0.02362743	0.02172831	0.009455
0.47016848	0.46916015	0.46748419	0.37049475	0.39712989	0.36268013	0.3554203	0.24170799
0.00082414	0.00079842	0.00090952	0.00186964	0.00189815	0.00184911	0.00182338	0.00180982
0.00046299	0.00054639	0.00069448	0.00043316	0.0004007	0.00030518	0.00033555	0.0003262
0.03284736	0.0360655	0.03436324	0.03140722	0.03736439	0.03565544	0.02969059	0.02926736
1.61874228	1.63534946	1.66260383	1.50471198	1.54019498	1.5595353	1.62792272	1.67920505
0.000821	0.00080489	0.00092274	0.00088762	0.00092227	0.00091883	0.00086408	0.0008284
0.00022838	0.00020472	0.00017292	0.00014809	0.00011065	8.707E-05	5.9167E-05	6.7464E-05
0.01687756	0.01728102	0.01757745	0.03134009	0.03149268	0.03156307	0.03154522	0.03168428
0.02160584	0.0246059	0.02590518	0.02243517	0.02352093	0.02560879	0.02650054	0.02698047
0.04690385	0.04626753	0.0465484	0.0473618	0.04760275	0.04884912	0.04830961	0.04370683
0.62771	0.65958425	0.71851878	0.83264539	0.82417227	0.8411172	0.87588942	0.9277123
0.07253328	0.0724629	0.07130038	0.06328594	0.06868699	0.06748128	0.05902345	0.05472874
0.07489153	0.07878245	0.08286937	0.09037304	0.09556547	0.09968952	0.10400065	0.11007947
12.7956876	13.1371379	13.4155574	15.0456666	15.2914897	15.3355442	15.7689864	15.6373825
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0.14769564	0.15053917	0.15601805	0.15921915	0.16386704	0.16790217	0.17270207	0.17899724
0.30197328	0.31238987	0.32256736	0.33246915	0.34210725	0.35283648	0.36408888	0.37551897
0.01342385	0.01376348	0.01411139	0.01446903	0.01484908	0.01521203	0.01554999	0.01500121
0.00012866	0.00013528	0.00013319	0.00013651	9.5389E-05	0.00015077	0.00014593	0.00014675
0.27043585	0.2837251	0.28933515	0.28922099	0.27969874	0.27327587	0.27792402	0.30144626
0.00204082	0.00196058	0.00207353	0.00257676	0.00270682	0.00273738	0.00280096	0.00286179
0.00157813	0.00147874	0.00154013	0.00194315	0.00206448	0.00210693	0.00213882	0.00223047
0.00701752	0.00718717	0.0097516	0.00997906	0.01768052	0.01762862	0.02251803	0.02319465
0.12975401	0.14086838	0.16145873	0.14792561	0.12741	0.11779302	0.0949449	0.10525019
0.00017615	0.00020159	0.00021113	0.0001976	0.00020029	0.00019764	0.00018033	0.00020834
0.00031985	0.00030549	0.00030427	0.00033134	0.00030484	0.00034506	0.00033202	0.00038543
0.35788238	0.37247854	0.34298071	0.29815684	0.30459181	0.2861115	0.30258939	0.28969291
1.40668027	1.38059269	1.30585731	1.28137223	1.2044934	1.14183256	0.99075236	0.96494628
0.00487638	0.00321901	0.0041364	0.00748138	0.00864222	0.00804069	0.00780216	0.00800865
8.2402E-05	8.7684E-05	9.3225E-05	0.0001526	0.00015167	0.00015041	0.00014588	0.00015704
0.12479216	0.1207197	0.11713542	0.12500422	0.13033027	0.13254698	0.13224953	0.12881163
0.02451745	0.02509225	0.02658841	0.02795716	0.0268357	0.0295761	0.02805682	0.03031885
0.00339372	0.00343401	0.0035092	0.00343123	0.00369153	0.00382935	0.00427112	0.0042618
0.09779239	0.09883364	0.09840241	0.03053133	0.03154357	0.02303504	0.02245411	0.02239089
0.04285285	0.04310086	0.04364628	0.04380096	0.04317047	0.04287292	0.04093388	0.04067705
0.01745952	0.01813444	0.01882064	0.01950592	0.02034509	0.0220133	0.02206729	0.05451604
0.00051556	0.00012815	0.00012608	0.00044318	0.00052842	0.00047706	0.00042088	0.00042652



0.74919361	0.66234227	0.49309174	0.52209721	0.53960993	0.56556527	0.58416113	0.60708319
0.07034947	0.06940767	0.06820178	0.05172303	0.05055489	0.03873094	0.03470973	0.02524231
0.6022425	0.62443	0.64770095	0.67266139	0.69791507	0.7453917	0.77191887	1.38806223
0.20200878	0.20674246	0.2252298	0.24502535	0.21463926	0.22102002	0.22491887	0.19462535
0.00250379	0.00261938	0.00303082	0.00342808	0.00294466	0.00328215	0.00338479	0.00345144
1.1536E-05	2.05E-05	2.8542E-05	2.3966E-05	2.2382E-05	2.2097E-05	2.1572E-05	2.1745E-05
1.29315458	1.24400688	1.24827715	1.31378279	1.40064321	1.38294605	1.36463078	1.3018811
					7.8175E-08	7.8175E-08	7.8175E-08
0.0248189	0.02535389	0.02554371	0.02654531	0.02744902	0.02825243	0.02890592	0.03056109
0.43347796	0.41014214	0.38089031	0.3730161	0.38647911	0.37255283	0.37412032	0.35770494
0.05015213	0.04782941	0.04486654	0.02944807	0.05826722	0.05943276	0.06845161	0.02781499
0.11662597	0.11982719	0.12358217	0.12631681	0.12908686	0.13546543	0.13960661	0.14622296
1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	3.9088E-08	1.5635E-08
0.14574972	0.14361352	0.14711048	0.15641542	0.16300714	0.16041788	0.16472882	0.16676052
0.00082569	0.00096341	0.00110814	0.00117266	0.00123923	0.00116202	0.00124334	0.00128343
0.00678697	0.00647945	0.00676162	0.00790349	0.00825994	0.00847137	0.00858463	0.00822541
0.02722419	0.02719522	0.02794143	0.02968947	0.03013686	0.02943711	0.02935754	0.02874485
0.00436909	0.00437361	0.00436407	0.00435235	0.004343	0.0043324	0.00433227	0.00432167
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5.6497E-05	6.3192E-05	6.6202E-05	8.6832E-05	8.9409E-05	8.918E-05	9.8968E-05	0.00011355
0.11612671	0.11948628	0.12240106	0.12566817	0.12729794	0.12976762	0.12771836	0.12539033
0.00051154	0.00060168	0.00070093	0.00105913	0.00113239	0.0010459	0.00118428	0.00121984
0.02635346	0.02281836	0.02429359	0.02311023	0.01486104	0.01385051	0.01156959	0.01675031
0.00080734	0.00083338	0.00079897	0.00081957	0.00086217	0.00090278	0.00092072	0.00129185
0.05140434	0.05238629	0.0536869	0.05477017	0.05481089	0.05533405	0.05527995	0.05535649
0.01760838	0.01589439	0.01724236	0.14577243	0.12422595	0.11959268	0.11569467	0.11430819
0.04109353	0.04147291	0.04177169	0.04607709	0.04698753	0.04789917	0.04886597	0.04974238
0.32874025	0.31426749	0.30172681	0.27484017	0.22806381	0.17895232	0.16791825	0.16722069
1.69667575	1.752687	1.80336488	1.83414288	1.86581253	1.95771961	2.04506627	2.09501522
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1.08407515	1.09618015	1.16180048	1.21996492	1.31314938	1.52747926	1.28288161	1.3070549
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0.00530975	0.00547165	0.00569153	0.00291254	0.00282775	0.00330421	0.00491417	0.0049736
0.68976255	0.72726766	0.83767869	0.78045892	0.71581805	0.75370145	0.82945759	0.82586202
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6.1986E-05	6.465E-05	6.4093E-05	7.359E-05	7.4908E-05	7.9849E-05	7.828E-05	7.8106E-05
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0.52294071	0.56304113	0.58446845	0.6401661	0.65734521	0.68940785	0.72944646	0.80083028
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0.00014602	0.00018163	0.00019111	0.00024271	0.00024621	0.00024299	0.00023249	0.00025591
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0.07805247	0.07743902	0.07762344	0.07926202	0.07978436	0.07921388	0.07918976	0.07888623
0.17656951	0.17535745	0.17358002	0.13531118	0.1026492	0.07413881	0.07671666	0.06214292
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0.00278654	0.00283642	0.00297338	0.00320674	0.00320154	0.00360176	0.00382975	0.00409764
0.15296171	0.09957333	0.10169376	0.10961037	0.11443529	0.12674167	0.13739899	0.14568557
0.04018243	0.04014681	0.0396615	0.03205756	0.0200343	0.00981937	0.07790309	0.07542597
0.0651559	0.06665327	0.06815282	0.08365139	0.08605502	0.08828714	0.09049679	0.07733036
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0.05750599	0.05794366	0.05854684	0.06203868	0.06464845	0.06331895	0.06448446	0.06454901
0.00012084	0.00012084	0.00012084	0.00012768	0.0001289	0.00013251	0.00013212	0.00013212
0.34895474	0.35172444	0.35786255	0.36199783	0.35684263	0.38047429	0.39571691	0.41570367
0.01992122	0.02011566	0.0206655	0.01886939	0.01662578	0.01146271	0.01413815	0.00980895
0.16836637	0.16643068	0.16453548	0.17324923	0.17246154	0.17205113	0.17531811	0.17769454
0.01875653	0.01739233	0.01787072	0.02126365	0.02245862	0.02815076	0.02763159	0.02768124
0.00062187	0.00079673	0.00113474	0.00117459	0.00102311	0.00107649	0.00135531	0.0013485
0.00158366	0.001556	0.00158033	0.00196253	0.00160615	0.00133342	0.00121357	0.0010472
0.07190198	0.07467454	0.07894878	0.08544573	0.08576575	0.08479388	0.08023779	0.08053929
0.01717822	0.01658653	0.01593672	0.01512456	0.01468155	0.01571153	0.01322593	0.01482031
0.01611289	0.01146585	0.01164696	0.01589715	0.00723704	0.00749708	0.00760751	0.00800872
0.0034111	0.00329495	0.00355178	0.00384552	0.00409061	0.00444085	0.00432195	0.00422129
0.04973998	0.05129822	0.05298355	0.05425869	0.05608075	0.05796168	0.06001511	0.06214996
2.02866474	2.08155064	2.13664669	2.26222619	2.31632591	2.37377532	2.42926553	2.48792798
0.04124624	0.04155357	0.04187261	0.04289102	0.04065588	0.04047276	0.0406146	0.04206397
0.06093854	0.07236989	0.06999848	0.14899234	0.14729724	0.14450012	0.14578319	0.14505639
0.08232263	0.08233484	0.07973871	0.16367888	0.20728287	0.20086425	0.19714616	0.20815944
0.37125207	0.37614265	0.38177557	0.38965877	0.39966886	0.40914122	0.41911268	0.43034794
0.0436951	0.04104879	0.04185359	0.05505252	0.05500179	0.05954847	0.06423384	0.06751264
0.00190316	0.00220813	0.00221568	0.00079726	0.00091156	0.00102442	0.00118473	0.00128781
0.84263472	0.89216073	0.90169516	0.92200351	0.93895882	0.96664485	0.99420531	1.0205653
0.01358977	0.01398476	0.01428262	0.01379592	0.01380977	0.01449273	0.01477222	0.01504334
0.14731375	0.14274006	0.13375516	0.12965895	0.13757321	0.14229548	0.15122898	0.15955278
0.33411309	0.33575323	0.337262	0.33434775	0.32543217	0.31764735	0.30969953	0.30164847
0.00709356	0.00678968	0.00709027	0.00716522	0.00711181	0.00650015	0.00665249	0.00995656
0.03185464	0.03186657	0.03198883	0.05166979	0.05168004	0.05234997	0.05212353	0.05200358
0.71639875	0.80564359	0.76680845	0.61758646	0.63557784	0.71100567	0.93843289	0.95023095
0.01172523	0.01267739	0.01185588	0.01037073	0.01067682	0.01037453	0.00995681	0.00995644
0.11326502	0.11519685	0.110611	0.10399589	0.1018626	0.09958779	0.09860932	0.09545682
0.13969065	0.14326042	0.18156097	0.18562337	0.18755842	0.18711297	0.1848115	0.1861305
0.05008847	0.05130449	0.05104007	0.05213548	0.0534125	0.0460321	0.04732474	0.04485639
0.00285381	0.00295243	0.00293142	0.00285413	0.00287702	0.00296453	0.00287058	0.00228989
0.00023228	0.0002022	0.00027933	0.000199	0.00016039	0.00016368	0.00017978	0.00023191
0.00487872	0.00244373	0.00253321	0.00489373	0.00634012	0.00580905	0.00633095	0.0065024
0.12989372	0.1242056	0.42149943	0.40567608	0.31281133	0.31088531	0.25677344	0.19243026
6.93083385	6.9015925	6.84471824	5.40597365	5.21624895	4.08561294	3.42804483	3.13806388
0.11074743	0.1109771	0.1253719	0.06308859	0.06253323	0.06183657	0.06136105	0.05286619

0.00154883	0.00194982	0.00184029	0.00279298	0.00386491	0.00252384	0.0026176	0.00275247
0.03174112	0.02865145	0.03108132	0.06555656	0.05466281	0.04609119	0.0463992	0.04400918
0.11101135	0.11294275	0.11479802	0.11659611	0.11825893	0.1198813	0.12152195	0.13679314
0.02243786	0.02358302	0.02493902	0.02541429	0.02519226	0.02567754	0.0237916	0.02357487
0.00053984	0.00054625	0.00060006	0.00056191	0.0005308	0.00031492	0.0003257	0.00033138
4.5085E-07	7.4871E-08	8.5924E-08	1.6416E-07	1.1381E-07	1.065E-07	8.4314E-08	1.0443E-07
0.0009954	0.00113431	0.00114586	0.00164493	0.00165045	0.00170221	0.00168441	0.00168755
0.07588982	0.07339766	0.07338311	0.07680889	0.07626139	0.07255938	0.0704689	0.06791466
0.0441833	0.03795762	0.03849761	0.03909277	0.03973979	0.04321802	0.04356916	0.04387153
0.09293906	0.09201955	0.09438704	0.10418604	0.10738948	0.11206697	0.11293858	0.11343698
0.00014097	0.00015293	0.00019356	0.00016435	0.0001591	0.00014406	8.243E-05	8.3952E-05
0.0012404	0.00117992	0.00119829	0.00144985	0.00153564	0.00150487	0.00149193	0.00153078
0.00091168	0.00106497	0.00121914	0.00161473	0.00157129	0.00147197	0.00150965	0.00152573
0.16895443	0.17611283	0.16880099	0.11945895	0.0810475	0.05498032	0.07040257	0.05298401
0.00721979	0.00651702	0.00706971	0.01339059	0.01473117	0.013488	0.0138162	0.01332488
0.21234884	0.20117945	0.18204396	0.15922845	0.16459739	0.16715514	0.15406957	0.15296141
0.02753465	0.02715885	0.02715871	0.02710819	0.02658166	0.02613683	0.0260322	0.02623039
0.00118276	0.0004591	0.00046822	0.00116896	0.00161269	0.00138012	0.00129237	0.00129782
0.09410926	0.09104835	0.08972136	0.09655137	0.10691017	0.10710837	0.11062576	0.11017617
1.0816E-05	1.1926E-05	1.25E-05	1.51E-05	1.4958E-05	1.3316E-05	1.5885E-05	1.6496E-05
0.06940032	0.06770462	0.06885809	0.07469474	0.07587278	0.0757739	0.07723662	0.07728194
0.02129481	0.0219507	0.02264642	0.02386068	0.02432346	0.02488375	0.02523383	0.02562323
0.57294149	0.61780237	0.66461205	0.72244932	0.7343786	0.75104176	0.65120384	0.62886094
0.02384137	0.02413918	0.02407195	0.02064264	0.01713981	0.01076111	0.00584523	0.00316119
0.03376928	0.03405128	0.03411141	0.02913932	0.02243079	0.02617053	0.01249382	0.01441998
0.00100277	0.0010089	0.00101084	0.00179136	0.00179322	0.00179449	0.0017952	0.00171248
0.00019088	0.00025032	0.00030098	0.00031667	0.00032559	0.00034038	0.0003302	0.00044332
0.00070702	0.00074838	0.00069852	0.0006911	0.0006883	0.00374694	0.00344064	0.0007782
0.07879882	0.08156251	0.08414507	0.08738818	0.09068695	0.09387159	0.09755764	0.10172319
0.97744954	0.97983201	0.95603344	0.98933045	0.98270639	1.0010491	1.11960214	1.10809269
0.01785784	0.01677158	0.01693265	0.01752292	0.01685959	0.01573572	0.01438692	0.01621119
0.21364432	0.22031303	0.22634487	0.23246501	0.23888102	0.24690997	0.26582054	0.3428924
0.18959501	0.19100125	0.19409479	0.19800313	0.20365989	0.21022483	0.21425151	0.21952588
1.58841819	1.58876205	1.58606271	1.27073072	1.22896379	0.76261658	0.68890489	0.59242319
0.05491738	0.05411272	0.05572728	0.05513479	0.05834839	0.06102655	0.06233261	0.06609912
6.72620477	6.93391954	6.78277766	6.30588689	6.27781146	7.12207483	6.35316834	6.39071844
0.07047326	0.07188205	0.07218079	0.06719218	0.06997831	0.05342084	0.05161129	0.04988238
7.8744E-05	8.4882E-05	0.00010964	0.00017452	0.00017149	0.00017837	0.00016417	0.00019671
0.02012649	0.01873818	0.01836486	0.01544515	0.01538219	0.01658777	0.01751325	0.03305555
3.597E-05	3.8732E-05	4.096E-05	4.3375E-05	4.5142E-05	4.3238E-05	4.2726E-05	4.1898E-05
0.39377173	0.39821833	0.39643565	0.42870539	0.43719497	0.4462673	0.49177308	0.46840205
0.00038638	0.00049147	0.00044148	0.00053475	0.00050313	0.00036708	0.00036174	0.00036271
0.00061752	0.00063492	0.00071945	0.00097601	0.00097984	0.00096958	0.00100557	0.00100796
0.00282288	0.00296291	0.00276822	0.00207709	0.00240343	0.00251847	0.00249632	0.0025927
0.56096592	0.58839324	0.60151562	0.59334245	0.6043661	0.57100076	0.70878552	0.70159206
0.09806635	0.10011407	0.10528406	0.10396911	0.10553412	0.10936855	0.11057426	0.11320336
0.24366303	0.22895882	0.21712781	0.23766962	0.23626827	0.24178484	0.24872469	0.25718053
1.5109E-06	1.6514E-06	1.5407E-06	4.7396E-06	4.7768E-06	3.9199E-06	3.9707E-06	4.0207E-06
0.00147753	0.00133598	0.00073588	0.00141824	0.00146089	0.00155187	0.00168203	0.00184718
0.0638781	0.06424277	0.06484749	0.04882265	0.05099962	0.05315594	0.05273043	0.05074191
0.00125269	0.00103074	0.00049418	0.0003587	0.00034876	0.00033596	0.00033535	0.00054261

0.00260785	0.00204538	0.0014062	0.00090764	0.00089485	0.00081176	0.00029402	0.00021093
0.02279753	0.0149242	0.01279997	0.01252616	0.01404983	0.01525005	0.01602862	0.0170685
0.02749003	0.03065586	0.02918326	0.02620945	0.02612272	0.02810717	0.02862041	0.02891485
0.08398974	0.07985864	0.09626501	0.10413885	0.11060392	0.11390262	0.1175036	0.11826733
0.00150774	0.00167856	0.00148942	0.00385958	0.00402411	0.00364298	0.00413008	0.00472639
0.00155165	0.00157431	0.00155857	0.0016105	0.0014401	0.0011902	0.00099233	0.00088972
0.00057359	0.00057982	0.00060673	0.00511902	0.00530682	0.00537887	0.00566268	0.00619015
0.00985478	0.00953193	0.00900113	0.00871364	0.00858904	0.00859154	0.00672242	0.00644613
0.00476152	0.00485683	0.00494967	0.00500589	0.00514297	0.00524553	0.00538273	0.00551974
0.00106937	0.001078	0.00112676	0.00970218	0.01015078	0.01052352	0.01103943	0.01173296
0.00272982	0.00298642	0.0029187	0.00260255	0.00285194	0.0031848	0.002691	0.00354386
0.00404204	0.00381905	0.00381903	0.01023207	0.0079191	0.00769382	0.00781599	0.00720003
0.00183633	0.00186988	0.00185982	0.00184988	0.00184512	0.00182824	0.00182641	0.00182228
9.2351E-06	1.0742E-05	1.0321E-05	3.3084E-05	3.4232E-05	3.3825E-05	3.2393E-05	3.2042E-05
0.01072637	0.00825114	0.00825114					
0.00575051	0.00575668	0.00570099	0.00559981	0.00569681	0.00375213	0.00263535	0.00225676
7.2581E-06	8.1929E-06	7.614E-06	2.3652E-05	2.377E-05	2.0744E-05	2.2152E-05	2.1662E-05
0.00232957	0.00359793	0.00518938	0.00514369	0.00590014	0.00696604	0.01126108	0.01173251
0.61209093	0.602021	0.6358395	0.558868	0.56228376	0.52704548	0.5271237	0.55987009
8.027E-06	8.4205E-06	7.4587E-06	2.2337E-05	2.0707E-05	1.9697E-05	1.8907E-05	1.7198E-05
0.00083424	0.00084713	0.00081659	0.00086899	0.00174512	0.00169785	0.00131297	0.00139468
7.1353E-05	7.2699E-05	7.3357E-05	0.00016292	0.00016379	0.00016454	0.00016477	0.00016623
			0.00071989	0.00075417	0.00082273	0.00089129	0.00095985
9.3683E-05	9.4791E-05	9.8564E-05	0.00083589	0.00087712	0.00089626	0.00092643	0.00097102
0.04306058	0.04862348	0.04658907	0.04844586	0.04987507	0.04958167	0.05139857	0.05140902
0.00041881	0.00039933	0.00036986	0.00032518	0.00030957	0.00034763	0.00039061	0.00047594
0.00413759	0.00362866	0.00390773	0.01282151	0.01195016	0.01199202	0.01146273	0.0126261
0.35136217	0.39922628	0.52685605	0.48435234	0.5016952	0.53168975	0.56797551	0.58657469
0.01725443	0.01767051	0.01815041	0.01859421	0.01925818	0.01996578	0.02071313	0.02133687
0.0115529	0.0039563	0.00835179	0.00865747	0.00872436	0.0088272	0.0097818	0.01082525
0.00670697	0.00689885	0.00703054	0.0073202	0.00750884	0.00767272	0.00795106	0.0120746
0.00875062	0.00880679	0.00886443	0.0089093	0.00897819	0.00905444	0.00913485	0.00953315
0.01649557	0.01543829	0.01414786	0.01671527	0.01708268	0.01762462	0.01862465	0.01390123
6.2464E-05	6.3696E-05	6.8019E-05	0.00058571	0.00062251	0.00064737	0.00068018	0.00072488
4.0154E-05	4.0942E-05	4.3218E-05	0.00037677	0.00040052	0.00041761	0.00044054	0.00047188
0.00039279	0.00040525	0.00040688	0.0003805	0.00026594	0.0002979	0.00027234	0.0003043
0.01097774	0.01079777	0.00830968	0.00945055	0.00850764	0.00580547	0.00510274	0.00178384
0.00011106	0.00012477	0.00012444	0.00012855	0.00013367	0.00014009	0.00013484	0.00029282
0.00230346	0.00219879	0.00201999	0.00210485	0.00152229	0.00135256	0.00127014	0.00955445
0.05424542	0.05180297	0.0483813	0.04891802	0.05949703	0.05377618	0.05499238	0.0594853
7.5957E-05	8.1237E-05	8.9251E-05	0.00078734	0.00084654	0.00087491	0.00092253	0.00098076
3.7844E-06	4.1846E-06	3.9491E-06	1.1942E-05	1.161E-05	1.1099E-05	1.07E-05	1.0462E-05
0.00177217	0.00176435	0.00171191	0.00161259	0.00254067	0.00286798	0.00267007	0.00268657
0.00558763	0.00529023	0.00499996	0.00474472	0.00454158	0.0043359	0.00413149	0.00396136
0.07049695	0.06585451	0.06958415	0.05490003	0.05506822	0.08167694	0.0776284	0.07821212
0.00652465	0.01189349	0.01385664	0.01379901	0.01159923	0.01150903	0.01256157	0.0123572
0.04633878	0.04783501	0.04955367	0.0512439	0.05336576	0.05349539	0.05621744	0.0592659
0.00278748	0.0028665	0.00294829	0.0030307	0.00315891	0.00381405	0.00381277	0.00381405

0.0288157	0.0317367	0.03190291	0.03166729	0.03351217	0.0328306	0.03212274	0.03221466
0.00178772	0.00181057	0.00182835	0.00193719	0.00161432	0.00129145	0.00161432	0.00129145
0.01785676	0.01833167	0.01884963	0.01939412	0.02018997	0.02410295	0.02492695	0.02578396
0.00062439	0.00060996	0.00053913	0.00079363	0.00080744	0.0008072	0.00079731	0.00088495
2.883E-05	2.8778E-05	2.7373E-05	6.0027E-05	6.0978E-05	6.1561E-05	6.2681E-05	6.4149E-05
9.8846E-07	2.1805E-06	2.0344E-06	6.3195E-06	5.4606E-06	5.2412E-06	4.9738E-06	3.6514E-06
0.02518287	0.02507293	0.02330286	0.02568175	0.02598891	0.02558955	0.02506162	0.0251966
0.01273156	0.01274012	0.01875429	0.01930942	0.01424317	0.01423405	0.01427269	0.0143313
0.04681523	0.04714607	0.04645397	0.04710519	0.04899208	0.04673273	0.04881838	0.05678553
6.2329E-06	6.417E-06	6.2932E-06	7.1722E-06	7.3194E-06	5.1649E-06	1.8165E-06	1.7069E-06
0.01236006	0.01291463	0.01348629	0.01338975	0.01490191	0.01572464	0.01661084	0.01750977
0.0006252	0.00063005	0.00066384	0.00574118	0.00627318	0.00090922	0.00173585	0.00204855
1.9543E-05	2.2943E-05	2.2034E-05	7.0676E-05	7.1217E-05	6.7562E-05	6.6373E-05	6.4454E-05
9.737E-05	0.00010038	0.00010656	0.00093532	0.00099204	0.00107106	0.00111652	0.00120408
0.00013407	0.00013288	0.00013657	0.00114826	0.00119839	0.00121987	0.00125438	0.00129245
0.0001763	0.0002096	0.00020764	0.00020568	0.00020568	0.00020568	0.00023996	0.00434376
0.00247769	0.00270167	0.00306992	0.0027905	0.00286304	0.00278315	0.00253936	0.00297645
0.00101211	0.0010668	0.00105698	0.00108193	0.00111586	0.00115296	0.00104079	0.0010621
2.6759E-05	3.3926E-05	3.3074E-05	9.8278E-05	0.00010081	9.9053E-05	0.00010148	0.00010544
7.052E-05	3.4931E-05	3.4605E-05	3.4278E-05	3.4278E-05	3.4278E-05	3.4278E-05	3.4278E-05
0.00032459	0.00030804	0.00027211	0.00029389	0.00032129	0.00036246	0.00038348	0.00041775
0.00874392	0.00873453	0.0083488	0.0040549	0.0025821	0.00231446	0.00239552	0.00236804
0.02246052	0.02242722	0.02239065	0.02447621	0.02495613	0.02547034	0.02595026	0.02646447
0.00342213	0.0031609	0.00331154	0.0033641	0.00311859	0.00292234	0.00306279	0.00282948
0.08767715	0.09519498	0.09185313	0.10982969	0.12344824	0.12810284	0.1339159	0.12290653
0.15912094	0.16173111	0.16261163	0.16466463	0.16680127	0.16766885	0.16882063	0.17055596
0.00094551	0.00074504	0.00079059	0.00031053	0.00030291	0.00024504	0.00025451	0.00027292
0.04848741	0.04550478	0.02870863	0.10184777	0.10348437	0.10320141	0.09147274	0.10962713
0.05150757	0.04999389	0.05254366	0.04439658	0.03529812	0.03324217	0.03046583	0.02823446
0.00404113	0.00405411	0.00461648	0.00455233	0.00460957	0.00476286	0.00547274	0.0050762
0.02140194	0.0208364	0.02181408	0.02093984	0.01771914	0.01857046	0.02078736	0.02058344
0.00114744	0.00113699	0.00116115	0.00141888	0.00116553	0.00122735	0.00122047	0.00126753
0.00837491	0.00903698	0.00089379	0.00090879	0.00108257	0.0008575	0.00085754	0.00085819
0.03084605	0.0297159	0.02910378	0.0320249	0.03213791	0.03206502	0.03356901	0.03286455
0.01775631	0.03169333	0.03103657	0.01037549	0.02142365	0.02258632	0.0175504	0.02297978
0.04046121	0.04149989	0.04257833	0.04361785	0.04501931	0.04649975	0.0479738	0.04953095
5.4396E-06	5.6003E-06	5.4922E-06	6.2594E-06	5.7096E-06	4.5464E-06	3.4646E-06	3.4484E-06
0.00035706	0.0003576	0.00036579	0.00084098	0.00085899	0.00101779	0.00105419	0.00120508
3.3096E-06	3.2805E-06	3.3031E-06	7.5915E-06	7.7438E-06	7.7955E-06	7.9812E-06	8.187E-06
0.00672596	0.00822095	0.00967869	0.008878	0.01235704	0.01468972	0.01562037	0.01780246
0.01029625	0.01292036	0.01555561	0.01437178	0.07167286	0.01600364	0.02076617	0.02871312
0.00018525	0.00019425	0.00019205	0.00043305	0.00044777	0.00045776	0.00046969	0.00048364
0.00040268	0.00019175	3.1959E-05	0.0003062	0.00040208	0.00043636	0.00034281	0.00037708
0.00033467	0.00034938	0.00036516	0.00301956	0.00304402	0.00281877	0.00262689	0.00256221
0.02252057	0.02589569	0.02330916	0.03601743	0.03597559	0.0399675	0.04394533	0.04842406
4.2645E-06	4.6817E-06	4.353E-06	1.3615E-05	1.3674E-05	1.2596E-05	1.2372E-05	1.2226E-05
0.0013507	0.00074638	0.00088121	0.00054369	0.00059819	0.00051278	0.00056112	0.00076294
0.00022133	0.00021805	0.0002217	0.00188497	0.00199882	0.00205912	0.00212797	0.00214989
0.00201995	0.00202098	0.00200089	0.00195845	0.00230238	0.00135973	0.0016947	0.00117111

5.8185E-05	5.8929E-05	5.9508E-05	6.305E-05	0.00019887	0.00021885	0.00012697	0.00011274
2.8234E-05	2.643E-05	2.5997E-05	5.3745E-05	7.7103E-05	7.8758E-05	6.7356E-05	7.0752E-05
0.00067445	0.00061172	0.00062227	0.00057415	0.00059542	0.00060804	0.00061437	0.00062065
3.3748E-06	3.418E-06	3.4515E-06	3.657E-06	3.657E-06			
0.00454852	0.00506534	0.00560631	0.00589623	0.006479	0.0071646	0.00788449	0.00870722
7.5447E-06	7.556E-06	7.5696E-06	1.6594E-05	1.703E-05	1.6728E-05	1.6731E-05	1.6677E-05
0.06315517	0.05140872	0.05120502	0.03593151	0.05007449	0.05148307	0.05296523	0.05722876
0.00186545	0.00143498	0.00143498		0.00032287	0.00032287		
2.0073E-05	0.00022295	0.00023377	0.00199799	0.0021202	0.00218992	0.00228779	0.00242368
0.01836342	0.016339	0.01870943	0.01470812	0.01368	0.01706031	0.00899807	0.00573578
0.00038786	0.00038427	0.00038068	0.00037708	0.00037708	0.00042646	0.00046074	0.00044565
0.01103633	0.01082934	0.01058971	0.01042124	0.01038696	0.01045553	0.01055837	0.01004334
0.00027159	0.0002808	0.00029635	0.0026038	0.00277872	0.00289663	0.00302205	0.00320936
1.9605E-05	2.2646E-05	2.1622E-05	6.8327E-05	6.8626E-05	6.3578E-05	6.0355E-05	6.0023E-05
7.052E-05	0.0001048	0.00010382	0.00010284	0.00010284	6.8561E-05	6.8561E-05	6.8561E-05
0.00107333	0.0011332	0.00122389	0.01026798	0.01060293	0.01095143	0.01071957	0.0114209
0.01725178	0.01904144	0.02043783	0.01992023	0.0228942	0.0227805	0.02827784	0.02834599
0.00011036	0.00011385	0.00011998	0.00103542	0.00123409	0.00123409	0.00130266	0.00137122
5.1762E-06	5.2394E-06	5.2605E-06	1.1824E-05	1.2035E-05	8.13E-06	1.2256E-05	1.2634E-05
0.00590707	0.00590707	0.00590707	0.0071451	0.0071451	0.00719448	0.00737649	0.00709225
0.15246399	0.17794362	0.18266401	0.17722598	0.1834698	0.19146701	0.19692797	0.20224569
0.00115695	0.00107697	0.00111489	0.00115343	0.0012005	0.00118132	0.00125627	0.00129695
0.0103171	0.01133497	0.01231993	0.01074855	0.01181391	0.01122707	0.01162872	0.01176036
0.01001824	0.00860513	0.0104886	0.01388891	0.01092206	0.01178496	0.01210857	0.01341419
0.00143551	0.00114366	0.00097052	0.00103187	0.00104254	0.00108032	0.00120165	0.00107025
0.01871155	0.02229604	0.02121566	0.02275086	0.02089737	0.02010762	0.01933208	0.01607354
0.00558944	0.00565729	0.00586802	0.00597526	0.00615493	0.00629765	0.00649594	0.00752522
0.00045895	0.00040179	0.00041871	0.00015051	0.00014159	0.00016071	0.00016071	0.00014287
0.00469519	0.00461103	0.00439293	0.00453893	0.00438039	0.00475128	0.0059257	0.00604371
0.04751069	0.04848625	0.04957693	0.04806569	0.04421656	0.04104416	0.03741193	0.03390367
5.3602E-05	5.1306E-05	5.3578E-05	5.4144E-05	5.374E-05	4.9118E-05	5.0269E-05	7.5237E-05
5.7473E-05	5.8164E-05	5.948E-05	0.00037026	0.000396	0.0004108	0.00041315	0.00045577
0.02176985	0.02256286	0.02033015	0.01741608	0.01714677	0.01897825	0.0339654	0.03758358
2.4448E-06	2.3902E-06	2.2294E-06	2.1544E-06	3.6536E-06	1.8997E-06	4.2148E-06	3.1016E-06
0.0038231	0.00384488	0.00390062	0.00392078	0.00396203	0.00411018	0.00422174	0.00428855
0.00186609	0.00186834	0.00221943	0.00171242	0.00134566	0.00185304	0.00237162	0.00327558
0.00638899	0.00729346	0.00679728	0.00680442	0.00737665	0.00821917	0.00830258	0.00762037
0.01194036	0.0117802	0.01132027	0.01119082	0.01127788	0.0111638	0.01081897	0.01038667
5.1391E-05	5.0829E-05	5.2867E-05	0.00041316	0.00042666	0.00041127	0.00041237	0.00041238
0.00453607	0.00422806	0.01093977	0.00538387	0.0049849	0.02601748	0.02623019	0.01815497
0.15340151	0.23099371	0.22768673	0.24162397	0.24033768	0.23905961	0.25149774	0.32672943
0.0298972	0.03060336	0.03119375	0.0311567	0.02893811	0.02601215	0.02398647	0.02724907
0.0455964	0.05952052	0.06465321	0.05658324	0.05399607	0.04832856	0.04163355	0.05721228
0.00059653	0.00037455	0.00031729	4.1794E-05	0.00010835	4.6611E-05	4.6001E-05	4.1528E-05
0.06501932	0.06551395	0.06598431	0.06636967	0.06731038	0.06824855	0.06918544	0.07813259
0.01081943	0.01076855	0.01073337	0.01073879	0.0108035	0.01087458	0.01097759	0.01104117
0.00659235	0.00710221	0.0072437	0.01491853	0.01690617	0.01752241	0.01826356	0.01893835
2.377E-08	2.1787E-08	2.0939E-08	6.665E-08	3.5407E-08	3.4734E-08	3.4266E-08	1.4116E-07
9.7877E-06	1.0075E-05	1.0185E-05	2.3379E-05	2.4271E-05	2.4858E-05	2.5981E-05	2.7021E-05

0.00064993	0.00066109	0.00068619	0.00572745	0.00591249	0.00603081	0.00614576	0.00633476
0.00059842	0.00062623	0.00056646	0.00055741	0.00061493	0.00059551	0.00059806	0.00060316
0.00134454	0.00136019	0.00140844	0.01193003	0.01277668	0.01399927	0.01444078	0.01520584
1.7168E-05	1.7574E-05	1.8254E-05	0.00015807	0.00016767	0.00017278	0.00017879	0.00019051
8.2364E-05	9.9592E-05	0.0001052	0.00029976	0.00029597	0.00028281	0.00028281	0.0002868
0.00276957	0.00256496	0.00249887	0.00162132	0.00151802	0.00133363	0.00149229	0.00136848
0.00056312	0.00072298	0.00070806	0.00020603	0.00017143	0.00015208	0.0001031	0.00010579
0.00258418	0.00213912	0.00238648	0.00284376	0.00270256	0.00374052	0.00363576	0.00346405
0.00059942	0.0006288	0.00065753	0.00065133	0.00068561	0.00071989	0.00075417	0.00078845
0.01857126	0.01469853	0.01195038	0.01717772	0.02038266	0.02342107	0.02681292	0.02882941
5.3659E-07	7.5355E-07	7.0306E-07	2.3233E-06	2.1567E-06	2.2022E-06	2.3406E-06	2.4206E-06
0.00082042	0.00079004	0.00080877	0.00686174	0.00710393	0.00732033	0.0077224	0.00810497
0.00662885	0.00677707	0.00692138	0.00706176	0.00771309	0.0083987	0.00915287	0.0099756
0.12490527	0.13347143	0.15545762	0.16494715	0.17650668	0.16802289	0.15281505	0.14259
5.1835E-06	5.3366E-06	5.2336E-06	5.9647E-06	4.4883E-06	2.6816E-06	1.8399E-06	1.4085E-06
0.00183668	0.00186825	0.00186972	0.00201894	0.00191849	0.00112429	0.0013958	0.00468553
3.09E-06	3.2183E-06	3.2267E-06	7.3564E-06	7.375E-06	7.4274E-06	7.5471E-06	7.648E-06
0.0073481	0.00623527	0.00498751	0.00357712	0.0037847	0.00405218	0.00377923	0.00341226
0.00478114	0.00420242	0.00425834	0.00407592	0.00474752	0.00570466	0.00611464	0.00630253
0.00620882	0.00647561	0.00626712	0.00587569	0.00557199	0.00573823	0.00648728	0.00644078
0.0089069	0.00853942	0.00872242	0.0071836	0.00538485	0.00543747	0.0057084	0.00662812
0.01415832	0.01444466	0.01469244	0.01496537	0.01534246	0.01575255	0.01623247	0.01756941
0.0216848	0.02165868	0.02183694	0.02211086	0.02279647	0.02372204	0.0243048	0.02509325
0.02767094	0.02790355	0.02797243	0.02889395	0.01634295	0.01251064	0.01133321	0.01129446
0.00042113	0.00045541	0.00046124	0.00045612	0.00053203	0.00063022	0.00022847	0.00014756
0.24371324	0.24889324	0.24291073	0.24913247	0.24506855	0.24679444	0.25414559	0.25112827
0.00315517	0.00317769	0.00316426	0.00322867	0.00316364	0.00281914	0.00178317	0.00814498
3.8126E-06	4.345E-06	4.0987E-06	1.2964E-05	1.3078E-05	1.2729E-05	1.2288E-05	1.2595E-05
0.02068528	0.02165929	0.02579739	0.02819511	0.02775112	0.03549029	0.03524767	0.03706814
3.389E-07	3.8479E-07	4.0388E-07	1.2546E-06	1.2849E-06	1.1011E-06	7.9414E-07	8.6157E-07
0.00804001	0.00817823	0.00827831	0.00841166	0.00858978	0.00876816	0.00897774	0.01365476
4.1723E-06	4.26E-06	4.2665E-06	9.5062E-06	1.0157E-05	1.0505E-05	1.0586E-05	1.0983E-05
5.6858E-06	5.65E-06	5.5772E-06	1.2316E-05	1.2421E-05	1.2547E-05	1.2686E-05	1.296E-05
0.00245859	0.0028571	0.00264035	0.00264429	0.0026931	0.00264994	0.00272112	0.00675698
0.03597334	0.04006558	0.04650694	0.04728115	0.04730312	0.04841107	0.04543842	0.04705519
0.02097071	0.02136999	0.02172683	0.02206553	0.02261619	0.02319662	0.02374078	0.02432121
0.00277106	0.00271283	0.00135733	0.00112146	0.00114292	0.00114292	0.00112146	0.00093952
3.7885E-05	3.6848E-05	3.8995E-05	3.9918E-05	4.2093E-05	3.6366E-05	3.4345E-05	3.5565E-05
0.00176026	0.00145854	0.00130703	0.00213844	0.00203997	0.00139475	0.00145651	0.00167439
0.00476946	0.00474202	0.00488874	0.00577085	0.00549161	0.00572	0.00668104	0.00568987
2.1919E-06	1.5562E-06	1.6066E-06	1.5677E-06	1.5841E-06	1.476E-06	2.7083E-06	2.8304E-06
0.00950092	0.00885446	0.0093569	0.00485303	0.00319408	0.00153013	0.0008362	0.0007324
0.00200063	0.00164269	0.00133589	0.00111217	0.00111217	0.00111217	0.00087568	0.00087568
0.01962088	0.020127	0.02288495	0.02220453	0.02561338	0.02436993	0.02500223	0.02697239
0.08701861	0.07484584	0.06720186	0.06856716	0.07738181	0.07344286	0.07177355	0.07717283
0.00514807	0.00512327	0.0049895	0.00420786	0.00475023	0.00163001	0.00350599	0.00071202
5.8129E-06	5.454E-06	6.9171E-06	1.6164E-05	1.4819E-05	1.1887E-05	1.0576E-05	1.1105E-05
0.16119634	0.16370172	0.17171287	0.17637508	0.16774699	0.16241902	0.18957981	0.20674529
0.03641633	0.03597634	0.03278849	0.0444507	0.04652487	0.04499681	0.04472084	0.04103556

0.00921585	0.00925213	0.00910616	0.01034186	0.01086764	0.00548281	0.00457759	0.00433069
0.00256489	0.00271775	0.00260091	0.00143931	0.0016281	0.0013011	0.00107925	0.00135325
0.04458852	0.04676288	0.05279087	0.05911252	0.06371151	0.05795534	0.0489985	0.05650518
0.00011445	0.00012084	0.00013362	0.00013362	0.00010806	0.00010777	0.00012723	0.00010138
0.00457043	0.00464533	0.00435314	0.00252584	0.00262415	0.0022474	0.00195964	0.00233879
0.01764023	0.01741515	0.01768803	0.02050791	0.01785254	0.01726556	0.01670868	0.01630004
0.04416447	0.05429338	0.05293975	0.02102916	0.01228505	0.00976503	0.00887452	0.01073879
1.1424E-05	1.0947E-05	1.202E-05	1.4859E-05	1.3928E-05	1.2831E-05	1.3976E-05	1.5049E-05
0.00077369	0.00078813	0.00076943	0.00059146	0.00061658	0.00051925	0.00051401	0.00053095
0.00827123	0.00770542	0.00950279	0.01707115	0.0168543	0.01171011	0.00975971	0.00142549
0.01850739	0.01845437	0.01792352	0.01414707	0.01372285	0.00806915	0.00837441	0.00671339
0.00394006	0.00399244	0.00386581	0.00280503	0.00299503	0.00262792	0.00265413	0.00263796
9.8759E-06	1.0082E-05	1.5519E-05	2.4948E-05	2.0548E-05	1.2922E-05	1.3173E-05	1.2575E-05
0.00769227	0.00752985	0.00828545	0.01094281	0.01236096	0.01189575	0.01352756	0.0155365
1.03791932	1.0236907	1.01246941	0.93754062	0.91413888	0.95660943	0.99180862	1.10068854
0.00115963	0.00115639	0.00115492	0.00113555	0.00109214	0.00090535	0.00080013	0.0008426
0.0002067	0.00024112	0.00026178	0.00026866	0.00028932	0.00036505	0.00037193	0.00039955
0.00023746	0.00020387	0.0002744	0.00515973	0.005116	0.00521532	0.00526339	0.00565246
0.00203491	0.00216763	0.0020974	0.00189933	0.00187425	0.00227592	0.00214536	0.0018075
0.00149433	0.00148699	0.00136431	0.00070369	0.00074741	0.00063644	0.00050199	0.00056062
0.41466158	0.4129986	0.39480744	0.36989259	0.37151387	0.37624034	0.36719133	0.42674192
0.02081064	0.01892726	0.01840282	0.02091808	0.02232763	0.02025761	0.02763428	0.0252238
0.0461537	0.04752616	0.046618	0.04598289	0.05578311	0.06602724	0.05085313	0.05016256
2.90544587	3.06329867	3.03027011	2.94963757	3.08689929	3.22952692	3.40415886	3.55282746
0.00087023	0.00090077	0.00085995	0.00082012	0.00086782	0.00087001	0.00089409	0.00089901
0.00217054	0.00321351	0.00237094	0.00341809	0.00296558	0.00314141	0.00296558	0.00304872
0.08444079	0.0872074	0.0901188	0.09302429	0.09370567	0.09674962	0.09976346	0.10296678
0.00012144	9.5877E-05	0.00012784	8.9485E-05	0.00011505	0.00010227	7.6701E-05	5.7526E-05
4.3014E-06	4.1295E-06	3.7873E-06	7.8318E-06	5.5903E-06	8.7721E-06	8.499E-06	1.2207E-05
0.09244767	0.08449089	0.08743368	0.09611136	0.11067796	0.09659452	0.11498831	0.12305795
8.9333E-05	8.2026E-05	7.6588E-05	3.7797E-05	4.2105E-05	3.5305E-05	2.9652E-05	3.5762E-05
7.6458E-05	7.6824E-05	7.5616E-05	3.2268E-05	3.6873E-05	3.2809E-05	2.8425E-05	3.5301E-05
0.01304721	0.01318726	0.0132388	0.01402378	0.01454296	0.01000195	0.01025139	0.01062537
0.21692778	0.23507392	0.27292646	0.29181529	0.26357357	0.2511464	0.1682183	0.16512459
3.7574E-06	3.7197E-06	4.7178E-06	1.1381E-05	1.0271E-05	8.3689E-06	7.0796E-06	8.0317E-06
0.00291255	0.00266775	0.00256763	0.00222823	0.00311294	0.00238554	0.00250889	0.00254618
0.2244356	0.22046805	0.19939719	0.12529154	0.10017197	0.12611327	0.09881852	0.08219361
0.3985341	0.39689369	0.39519533	0.35775657	0.26991637	0.23422965	0.20022972	0.19085285
0.00054293	0.00040491	0.00071841	0.00023275	0.00028614	0.00024189	0.0002278	0.0002472
0.00022652	0.00022765	0.00022137	0.00014674	0.00015585	0.00013336	0.00013095	0.00013322
0.01896138	0.01838678	0.01693456	0.01665988	0.01759011	0.01704936	0.01703843	0.01637281
0.02434563	0.01871585	0.0170634	0.01528074	0.01571546	0.01626877	0.01846907	0.02058875
0.00657967	0.00641864	0.00571833	0.00860515	0.00995021	0.01007215	0.0098397	0.01034086
0.01986265	0.01928775	0.0191205	0.02311159	0.02404803	0.02487836	0.02372048	0.02298418
0.05461993	0.05350942	0.05477445	0.05637063	0.05153985	0.05486492	0.05788267	0.04707634
7.5857E-05	8.5452E-05	8.9285E-05	0.00010983	0.00012038	4.5236E-05	9.0471E-05	0.00010325
0.00011235	8.3031E-05	7.0136E-05	3.157E-05	3.6979E-05	3.2043E-05	2.8995E-05	3.2622E-05
0.10157982	0.10438156	0.1350752	0.1615548	0.15549108	0.13269645	0.12237762	0.13142351
0.00895001	0.0089343	0.00867153	0.0070385	0.00669938	0.00391487	0.00372451	0.00356168
0.00059533	0.00078243	0.00093645	0.00104473	0.01230636	0.02398024	0.00810425	0.00254166
0.14537405	0.15373009	0.15898888	0.15236238	0.13481943	0.13533238	0.14799048	0.16023887



0.0055679	0.00553531	0.005586	0.00573812	0.00543313	0.0059821	0.00623211	0.00734055
1.678E-05	2.4761E-05	2.4041E-05	1.6206E-05	1.531E-05	1.3105E-05	1.3066E-05	1.3269E-05
0.1891409	0.18809566	0.19048053	0.19191123	0.18670069	0.18910777	0.16789321	0.17279162
0.00746852	0.0077206	0.00747959	0.00746456	0.0078022	0.00809261	0.00837612	0.00862348
0.15330245	0.16293073	0.14537802	0.14003692	0.14235674	0.1416713	0.13811806	0.14633079
0.01451201	0.01504272	0.01464452	0.01527363	0.01027552	0.00529908	0.00447843	0.0040944
0.01234874	0.01265986	0.01302534	0.01332957	0.01363505	0.01405096	0.01437321	0.01489637
0.00511415	0.00505093	0.00470278	0.00262821	0.00280403	0.00238861	0.00202349	0.00242629
0.00076992	0.00077669	0.0007679	0.00067295	0.00107708	0.00082138	0.00086106	0.00084383
0.00031084	0.00028287	0.00026072	0.0001235	0.00013759	0.00011727	9.907E-05	0.00011565
0.00090071	0.00091303	0.000852	0.00044544	0.00047826	0.00039082	0.00031515	0.00037554
2.0654E-05	2.7539E-05	6.8847E-05	2.7539E-05	2.7539E-05	2.7539E-05	2.0654E-05	3.4423E-05
0.02741113	0.02845109	0.03346817	0.03652968	0.03666764	0.03503947	0.03484076	0.03404221
7.74E-06	7.7009E-06	8.0143E-06	1.1536E-05	1.112E-05	1.0311E-05	1.3905E-05	1.0912E-05
0.02195662	0.02119509	0.02138882	0.02295008	0.02565415	0.02835469	0.02970574	0.02897006
0.00105808	0.00117031	0.00117255	0.00078542	0.00087035	0.0007605	0.00081006	0.00086096
0.01181154	0.01026022	0.0098711	0.00982653	0.00956693	0.0095501	0.00964501	0.00977203
0.00726007	0.00865529	0.00821935	0.00633029	0.00467369	0.00785502	0.00635897	0.00705522
0.01551811	0.01590857	0.01630045	0.01641937	0.01610496	0.01637056	0.01648676	0.01649863
0.00809144	0.00753793	0.00929623	0.01069002	0.00723913	0.005305	0.00474538	0.00490079
0.00723764	0.00736254	0.00725179	0.00723981	0.00705242	0.00657974	0.00630244	0.00595453
0.02029922	0.01879568	0.01735339	0.01486718	0.01336155	0.01103422	0.00865632	0.00847275
0.0894487	0.09389668	0.09412869	0.4179643	0.43291259	0.44427017	0.46194315	0.47958177
1.26588369	1.27252922	1.29910423	1.30307425	1.38375917	1.38884436	1.44162358	1.56879765
0.01482095	0.01311203	0.01325665	0.01163676	0.01171215	0.0101236	0.01043018	0.01019432
0.0585139	0.05851774	0.06207898	0.06371355	0.07077168	0.07273928	0.06173336	0.06180902
0.01121139	0.01228698	0.01324518	0.01352467	0.01198146	0.01496172	0.01648865	0.01710202
0.00156739	0.00165249	0.00163403	0.0016542	0.00152363	0.00134596	0.00135979	0.00169278
0.00865659	0.00854411	0.00836779	0.00662611	0.00654226	0.00342328	0.00491653	0.005533
0.11850367	0.11447187	0.12277408	0.12017765	0.11065415	0.10931864	0.10219124	0.10477314
0.01031206	0.01037989	0.01396069	0.01872449	0.01891602	0.01690475	0.01367459	0.01568406
0.00270112	0.00246801	0.00246876	0.00267835	0.00236248	0.00267147	0.00265859	0.0034217
0.50970244	0.54249239	0.55988785	0.61696775	0.61321283	0.59960074	0.58509724	0.5755164
0.26252963	0.27729208	0.26967118	0.29988531	0.30607539	0.32486423	0.28027414	0.22214856
0.01404848	0.01430306	0.01451622	0.01499492	0.0146795	0.01385504	0.01406172	0.01315816
0.02761006	0.02961552	0.02882003	0.03464543	0.03097895	0.01378362	0.01187531	0.01095248
0.0003333	0.00020367	0.00039434	0.01471964	0.01447051	0.01468827	0.01474616	0.01563161
1.7941E-06	1.7021E-06	1.5988E-06	5.8273E-06	5.9596E-06	6.2969E-06	6.261E-06	7.8246E-06
0.00035796	0.00035795	0.00035814	0.00035928	0.00028131	0.00028518	0.00035944	0.00042947
0.08230852	0.09501431	0.10107411	0.12837996	0.14446611	0.15221426	0.17116787	0.18925732
0.00911116	0.01183919	0.01567263	0.00236268	0.0005069	0.00355657	0.00428868	0.00383339
0.0001605	0.00010126	0.00019865	0.00740465	0.00739941	0.00759405	0.00771903	0.00819802
0.00062	0.00042825	0.00067114	0.00067114	0.00115052	0.0007031	0.00186027	0.00268942
0.00181482	0.00208954	0.00184064	0.00084247	0.00083658	0.00063668	0.00047355	0.00053717
0.00172197	0.00160272	0.00167427	0.00172197	0.00177942	0.00196906	0.00169812	0.00231002
0.00023445	0.0002359	0.00022768	0.00015788	0.00016963	0.00014561	0.00013988	0.00014483
0.02452824	0.02314821	0.02477781	0.02721206	0.02625325	0.03124395	0.02770184	0.01810668
0.00093987	0.00090016	0.00084816	0.0004392	0.00046858	0.00037987	0.00029972	0.00036399
0.01260056	0.01256388	0.01220633	0.0102566	0.01020319	0.00531159	0.00453359	0.00474273
0.00730188	0.00756429	0.00812881	0.00758721	0.00709332	0.0065117	0.00716544	0.00641056

0.00492742	0.00492972	0.00479202	0.00424631	0.00284179	0.00252096	0.00418464	0.00434747
9.1935E-05	8.5388E-05	8.3546E-05	0.00020427	0.00019346	0.0002155	0.0002296	0.00034571
0.01140859	0.01322923	0.01720682	0.01505058	0.01933669	0.01847861	0.01623913	0.01736733
0.00308499	0.00328843	0.00321002	0.0039913	0.00464148	0.00114833	0.00129521	0.00081419
0.00454107	0.00494281	0.00490041	0.00485699	0.00396913	0.00400954	0.0042686	0.00340536
6.9045E-06	7.903E-06	7.4359E-06	3.1357E-05	3.2099E-05	3.4661E-05	3.7803E-05	8.4433E-05
0.19049722	0.16794447	0.17610455	0.15359902	0.13032435	0.11752426	0.12369548	0.10976951
0.00240216	0.00223784	0.00275984	0.00408182	0.00346761	0.00332868	0.00326503	0.0027387
0.00192029	0.00183753	0.00178859	0.00092686	0.00101934	0.00083409	0.00067704	0.00082787
0.00260005	0.00236027	0.00230585	0.00215172	0.0021894	0.00261155	0.00147554	0.0141685
0.01248139	0.011676	0.01118441	0.01038902	0.01346298	0.01056086	0.00911458	0.00720425
0.02359176	0.02329762	0.02318657	0.02325747	0.02294993	0.02302142	0.02335458	0.02390593
0.00097023	0.00094958	0.00090784	0.00072863	0.00078881	0.00097901	0.00089069	0.00089297
0.00036224	0.0003681	0.00036823	0.00031838	0.0003212	0.00028562	0.0002982	0.00029955
0.016242	0.01517744	0.01615765	0.01520535	0.01444081	0.01556174	0.01519654	0.01339731
0.00530772	0.00530905	0.0052088	0.00876736	0.00905926	0.00905438	0.00792531	0.00937842
0.03327812	0.03208299	0.04214322	0.04434898	0.04802427	0.05069192	0.05218357	0.05416413
0.00156829	0.0013049	0.0010986	0.00038865				
0.00187038	0.0020146	0.00233362	0.00153613	0.00159641	0.00138119	0.00133623	0.00180878
4.5236E-05	4.5236E-05	4.5236E-05	0.00011359	8.8022E-05	7.4746E-05	0.00011949	8.0645E-05
0.0268888	0.02960628	0.03021212	0.0322178	0.03579798	0.04064529	0.04385253	0.04722624
0.00954813	0.00605683	0.00585025	0.00679593	0.00833567	0.00589376	0.00571511	0.00576416
0.02781537	0.02477106	0.02454265	0.03157289	0.02753861	0.02558138	0.0245692	0.02440836
0.03882321	0.03815617	0.03835162	0.03697091	0.03328082	0.03152484	0.03244241	0.0362596
0.00265554	0.00246296	0.00183624	0.00249686	0.00293121	0.00237644	0.0026299	0.0034634
0.02866721	0.03399173	0.03247546	0.01922278	0.01961333	0.02014919	0.02264455	0.02351518
0.00028184	0.00026962	0.00032307	0.00349834	0.01089189	0.00920701	0.00627832	0.00464858
0.13542742	0.14096622	0.14353308	0.14996505	0.15355841	0.16046622	0.17306904	0.18325264
0.00599546	0.00444422	0.00518201	0.00496618	0.00626079	0.00730584	0.00741484	0.00626981
0.0268062	0.02178739	0.01734291	0.01582266	0.0165716	0.01607706	0.01569588	0.01517345
0.03124674	0.03358155	0.03084759	0.05064554	0.04826765	0.04903038	0.05398747	0.0544346
0.00038522	0.00036872	0.00038504	0.00038911	0.00038621	0.000353	0.00036127	0.0005407
0.00077175	0.0006866	0.00077046	0.00802283	0.00803155	0.00817342	0.00822657	0.00885875
0.15142546	0.1557972	0.15293492	0.12057738	0.12431956	0.11474388	0.15958751	0.16205707
0.00540729	0.0047602	0.00431554	0.00294489	0.0030412	0.00288877	0.0027958	0.00287187
0.29979907	0.3030262	0.29376697	0.2888678	0.26476344	0.24584868	0.22912757	0.20582262
0.04547454	0.0475059	0.04963857	0.07542698	0.07592685	0.07428767	0.07327543	0.07649283
0.03511036	0.03679129	0.04230365	0.04081978	0.04066676	0.04700091	0.04253907	0.05008852
9.5022E-05	8.9732E-05	8.304E-05	0.00016655	0.00017138	0.00017537	0.00017016	0.00019303
0.00188441	0.00149788	0.00143477	0.00147686	0.00152931	0.00161984	0.00166759	0.00170621
0.00344167	0.00333008	0.00327535	0.00291224	0.00329723	0.00212853	0.00172735	0.00174572
0.06411851	0.0690504	0.07373957	0.04761935	0.04346639	0.0232847	0.01825339	0.03314693
0.33782207	0.34371544	0.33455011	0.31585566	0.24205349	0.26636202	0.23453532	0.20227212
0.00040136	0.00043395	0.00039579	0.00037294	0.00037458	0.00036127	0.00033444	0.00023105
0.02636683	0.02956182	0.03127715	0.03938557	0.04036732	0.04305275	0.04177506	0.05118649
0.0157406	0.01466383	0.01808433	0.02037294	0.01420124	0.01792235	0.01071305	0.0096603
0.03457659	0.0352793	0.03585568	0.03656633	0.03795693	0.03827824	0.03694959	0.04265765
0.00091166	0.00081036	0.00042434	0.00048875	0.00050595	0.00056644	0.00055464	0.00062004
0.00137543	0.00115339	0.00113097	0.00108494	0.00096325	0.00108971	0.00119012	0.00130965
2.2499E-06	1.4128E-06	1.5415E-06	5.3816E-06	2.9047E-06	2.9342E-06	3.1763E-06	4.3594E-07

1.7004E-05	1.79E-05	1.9031E-05	0.00021026	0.00020882	0.00021526	0.00021573	0.00024001
0.00281296	0.00273457	0.00246213	0.00122423	0.00129356	0.00098965	0.00079584	0.00092518
0.01783381	0.01686275	0.01596388	0.01707233	0.01996422	0.01899098	0.01787789	0.0177353
0.00380391	0.00372177	0.0034962	0.00199714	0.00201896	0.00164953	0.00137735	0.00170351
1.847E-05	1.8548E-05	1.9422E-05	1.9097E-05	1.8598E-05	1.5069E-05	1.2237E-05	1.2397E-05
5.5088E-05	5.0216E-05	4.5487E-05	2.4939E-05	2.8748E-05	2.3831E-05	2.015E-05	2.5108E-05
0.00100155	0.00105407	0.00112219	0.00177226	0.00218618	0.00206756	0.00211831	0.00218101
0.04610904	0.04758556	0.04670669	0.04254764	0.03856908	0.03468018	0.03617165	0.0393244
0.00480142	0.00447296	0.00551633	0.00662989	0.00610704	0.00538564	0.00521691	0.00567925
0.20067313	0.20649528	0.20438184	0.20481767	0.20870092	0.20411107	0.21286297	0.21329553
0.00583996	0.00586566	0.00590295	0.00716163	0.0069768	0.00627768	0.00574351	0.00821057
0.00021868	0.00022912	0.00020248	5.2582E-05	7.4481E-05	6.2049E-05	6.1154E-05	6.2949E-05
0.01252132	0.01162132	0.00610703	0.00620342	0.00715154	0.0076452	0.00800332	0.00878129
9.0127E-06	1.0619E-05	1.0261E-05	7.8086E-06	7.9183E-06	5.0626E-06	8.498E-06	9.2259E-06
0.00250704	0.00243757	0.00229815	0.00141706	0.00156046	0.00136455	0.00119606	0.00136651
6.9706E-05	6.9706E-05	6.9706E-05	0.00012084	0.00019115	9.5273E-05	6.9706E-05	0.00029981
0.14290332	0.14610528	0.1874463	0.18616975	0.19981055	0.24320262	0.2215697	0.23781269
0.00021819	0.00022197	0.00022189	0.00034621	0.00031134	0.00015576	0.00022128	0.00030056
5.6373E-06	3.1926E-06	7.05E-06	0.00029017	0.0002864	0.00029239	0.00029482	0.00029658
6.0907E-06	7.3471E-06	8.3192E-06	1.9893E-05	2.0741E-05	2.1528E-05	2.0968E-05	3.829E-05
0.00040039	0.00116603	0.00119872	0.00127299	0.00112293	0.00106234	0.00091792	0.00098232
0.00310618	0.00430903	0.0054565	0.00555628	0.0049072	0.00534431	0.00488812	0.00439625
0.07230449	0.07945695	0.08359958	0.08945182	0.09882076	0.0881983	0.08745672	0.07731026
0.07257076	0.08260013	0.08084521	0.08332002	0.08764448	0.0934482	0.09296188	0.09461824
0.03347133	0.03444233	0.03534277	0.03625518	0.03716691	0.03791672	0.03951005	0.04079401
0.01931975	0.02073311	0.02257303	0.02447491	0.0268965	0.02904057	0.03031182	0.03191206
0.24788664	0.25787973	0.25125603	0.27130013	0.28069303	0.2590552	0.17191239	0.11847412
0.01244079	0.01234979	0.01260311	0.01173947	0.01243671	0.01351582	0.01290911	0.01119824
3.3426073	3.38035235	1.57585249	1.46888644	1.45461583	1.43772732	1.27453521	1.26674956
0.00134834	0.00133731	0.00129702	0.00094446	0.00088849	0.0006996	0.00060865	0.0005247
0.00025289	0.00025123	0.00023801	0.000158	0.00016753	0.00014216	0.00013997	0.00013766
0.0443597	0.04080573	0.04639115	0.04529415	0.04321403	0.04087082	0.04296404	0.04293296
2.1845E-05	2.2492E-05	2.3103E-05	1.6857E-05	1.9102E-05	1.5086E-05	1.5986E-05	1.5137E-05
0.15576343	0.1506712	0.15207123	0.15173807	0.15646333	0.16119636	0.16868711	0.16095178
9.8639E-06	1.1982E-05	1.0172E-05	5.0759E-05	4.8896E-05	4.1483E-05	4.1439E-05	4.7372E-05
4.2306E-05	4.1136E-05	4.4076E-05	0.00014527	0.00014478	0.00013715	0.00014873	0.00016489
0.2657417	0.27621152	0.26791316	0.26362329	0.24298781	0.23644729	0.20614198	0.21570202
0.02457689	0.02571563	0.02623385	0.02547036	0.02623345	0.02677347	0.02720317	0.02599542
0.02268436	0.02205844	0.02214973	0.02745641	0.02436151	0.01888209	0.01847914	0.01699096
0.00012689	0.00013862	0.00019661	0.00017818	0.00020059	0.00023036	0.00023146	0.0002659
0.00153953	0.00142441	0.0012713	0.00138543	0.00138615	0.00074039	0.00078646	0.00066095
0.00035438	0.00053335	0.0005015	0.00059738	0.0005015	0.00035347	0.0002567	0.00035896
9.6537E-07	7.4581E-07	7.7674E-07	8.3525E-07	8.7205E-07	9.1913E-07	9.2272E-07	9.5017E-07
0.00307042	0.00304527	0.0029862	0.00054001	0.0003419	0.00019172	0.00032912	0.00040261
0.00092977	0.00085235	0.00089768	0.00096162	0.00094119	0.00100697	0.0010732	0.00114475
0.00559222	0.00607971	0.00639085	0.00699446	0.00710522	0.00765133	0.00889844	0.0097208
0.02737237	0.03545608	0.0264328	0.02173682	0.02586204	0.02433105	0.02254487	0.02527455
0.0046593	0.00435461	0.00386385	0.00527102	0.00682931	0.00442732	0.00052065	0.00052799
0.00016047	0.00017111	0.00017368	0.00015544	0.00014943	0.00015628	0.00015231	0.00016959

0.4280583	0.44816892	0.48174292	0.48741363	0.50313668	0.50765397	0.51116545	0.51803148
0.03075252	0.03201121	0.03173314	0.04218043	0.04714644	0.0395057	0.03993882	0.04467327
0.01283007	0.01229095	0.0113905	0.0145853	0.01563924	0.01918911	0.01874682	0.01459083
5.7132E-05	8.5277E-05	6.8864E-05	0.00018584	0.00025068	0.0004395	0.00055535	0.00058043
0.06195712	0.06418714	0.06776054	0.08071333	0.07973066	0.07899045	0.07948939	0.10658973
5.3599E-05	4.7207E-05	4.7207E-05	5.4092E-05	5.4092E-05	6.0484E-05	6.7368E-05	7.2774E-05
0.00018587	0.00018773	0.0001169	0.00029884	0.00040276	0.00072442	0.00089945	0.00093812
0.00238536	0.00255735	0.00253847	0.00243503	0.00230273	0.00281785	0.00326383	0.0034777
0.10775945	0.10254251	0.10335079	0.11136631	0.10417928	0.10134604	0.10557325	0.09618807
0.00278217	0.00296293	0.00302277	0.0031881	0.00299515	0.00385597	0.0042143	0.00433235
0.00108789	0.00110469	0.00126265	0.00130471	0.00116365	0.00104862	0.00107904	0.00117826
0.03588026	0.03562244	0.03556002	0.0363122	0.02916876	0.024459	0.02122374	0.00234259
0.05249685	0.04977406	0.04528043	0.05869783	0.05580367	0.04692594	0.03781558	0.03413468
0.00010603	8.1936E-05	0.00012134	0.00074467	0.00078262	0.0007227	0.00073207	0.00068273
0.00032794	0.00038093	0.0004637	0.00028787	0.00024976	0.0002044	0.00022804	0.0002272
0.00130426	0.00135112	0.00134029	0.00149425	0.00137715	0.00169472	0.00156895	0.00174368
0.06430567	0.05825027	0.05902331	0.05638987	0.06353536	0.07094016	0.06972237	0.0742318
0.00049342	0.00047325	0.00052913	0.00051198	0.00050022	0.00053217	0.00050761	0.0004965
0.00046792	0.0004917	0.00051251	0.00053016	0.00056753	0.00062721	0.00070167	0.00079701
7.6322E-05	7.6405E-05	7.4055E-05	0.0002724	0.00028735	0.00026093	0.00029556	0.00033912
0.00296854	0.00390039	0.00436833	0.0057539	0.00544125	0.0064071	0.00636922	0.00645175
8.2566E-05	7.809E-05	5.4609E-05	0.00012788	0.00016606	0.00026471	0.00032202	0.00030826
0.343521	0.37516033	0.39809168	0.3795747	0.39151267	0.41291366	0.38058106	0.39922362
0.01789604	0.01788756	0.01818525	0.02612069	0.027579	0.02786122	0.02793792	0.02942563
0.01312894	0.0207119	0.03036687	0.03338431	0.02447874	0.02178767	0.02320177	0.03120154
2.66735465	2.89872357	3.12711834	3.63301072	3.90732838	4.23388007	4.68181318	5.14408413
0.00144141	0.00127081	0.00082908	0.00071768	0.0007813	0.00081779	0.00119906	0.00144017
0.00010327	9.6386E-05	8.2616E-05	7.5731E-05	7.5731E-05	6.8847E-05	5.5077E-05	6.1962E-05
0.0003039	0.00028324	5.4585E-05	5.4585E-05	4.7207E-05	4.0322E-05	3.3931E-05	4.6714E-05
6.8847E-06	6.8847E-06	6.8847E-06	6.8847E-06		1.3769E-05	6.8847E-06	6.8847E-06
3.3542E-05	3.2595E-05	2.8676E-05	2.5198E-05	1.8598E-05	2.969E-05	3.1365E-05	2.76E-05
0.01894707	0.01919636	0.02035901	0.0213798	0.02241385	0.02581954	0.02597891	0.02323582
1.8799E-05	1.776E-05	1.2434E-05	2.3667E-05	2.9196E-05	2.9617E-05	3.1913E-05	3.1667E-05
1.8646E-05	2.384E-05	2.0182E-05	3.107E-05	3.9757E-05	4.1587E-05	4.288E-05	4.8003E-05
0.00032146	0.00037465	0.0001207	0.00013447	0.00056285	0.0015005	0.00117688	0.0020008
0.04261233	0.04583606	0.04515278	0.0497201	0.04364606	0.04552373	0.03508378	0.03703512
0.00012477	0.00014054	0.00014097	0.00013132	0.00012484	0.00013237	0.00012255	0.00014511
0.00145644	0.00142146	0.00159954	0.00173446	0.001802	0.00243485	0.00251447	0.00261513
1.10646787	1.11249116	1.19634243	1.46190073	1.46990824	1.44635556	1.51565793	1.91061943
2.6392477	3.39103332	3.8167811	4.12439403	4.22197516	4.1760973	4.27644074	4.30338284
0.00024429	0.00022604	0.00036529	0.00055592	0.0007122	0.00058497	0.00058414	0.00057786
2.4003E-05	2.7456E-05	2.7549E-05	6.5169E-05	6.5496E-05	6.3837E-05	6.3372E-05	6.8701E-05
0.1312666	0.12437802	0.10752541	0.1152715	0.15098141	0.13264363	0.13943395	0.15057856
0.00920402	0.00755212	0.00642736	0.00585802	0.00738584	0.0089709	0.00892021	0.00993472
0.00598969	0.00645292	0.00644991	0.00607842	0.00625636	0.00650916	0.00650685	0.00709988
0.00133867	0.00109768	0.0012153	0.00178779	0.00239636	0.00318693	0.00222376	0.00217372
0.02136492	0.02154191	0.02092544	0.02117934	0.02207434	0.02151621	0.01965723	0.01753902
0.00017848	0.00017405	0.00017405	0.00017904	0.00026044	0.00046147	0.000596	0.00057035
4.5887E-05	4.3538E-05	3.3505E-05	5.3693E-05	6.7691E-05	5.8666E-05	5.4977E-05	5.331E-05
0.21135216	0.17276786	0.24983845	0.47467847	0.53226557	0.54659464	0.57955624	0.54772962
0.03806995	0.03493726	0.02995445	0.04275772	0.03909356	0.03074536	0.02408855	0.02745176

0.0001372	0.00014163	0.00014163	0.00014015	0.00012983	0.00012392	0.00014458	0.00013081
0.36563122	0.3656143	0.3230838	0.4886103	0.64257647	0.55099919	0.62583237	0.76259092
0.00060424	0.0005872	0.00061224	0.00087117	0.0007946	0.00061273	0.00070735	0.00061775
5.3623E-06	1.0094E-05	1.4844E-05	1.0918E-05	1.0311E-05	1.0336E-05	1.0248E-05	1.0106E-05
0.16074659	0.16237157	0.20158442	0.2343396	0.28056064	0.24554861	0.17749181	0.18589635
0.00052246	0.00052928	0.00031982	0.0003804	0.00065574	0.00060193	0.00063199	0.00048968
0.79273579	0.76172338	0.74796287	0.7740703	0.80638118	0.78236363	0.67296869	0.64010315
0.01950121	0.01836154	0.01649913	0.02176521	0.01462634	0.00948617	0.0061452	0.00439256
						4.1308E-05	4.8193E-05
0.00010812	0.00011448	0.0001272	0.00012084	0.00013992	0.00015264	0.000159	0.00016536
0.00034616	0.00033171	0.00021706	0.00056628	0.00058899	0.00093388	0.00113646	0.00116233
0.00052063	0.000608	0.00067539	0.00070536	0.00071137	0.00070222	0.00076954	0.00080742
7.0007E-05	6.6215E-05	4.6302E-05	7.4613E-05	9.4767E-05	9.6903E-05	0.00010925	0.00011619
6.8789E-05	7.5099E-05	5.3266E-05	0.00012006	0.00015139	0.00020566	0.00024383	0.00024115
3.4423E-05	3.4423E-05	3.4423E-05	4.1308E-05	4.1308E-05	4.1308E-05	4.1308E-05	4.1308E-05
0.0949541	0.10371133	0.11352636	0.11578411	0.1118553	0.12307946	0.12227968	0.12813784
4.0018E-05	4.4056E-05	4.4203E-05	5.7706E-05	5.5728E-05	5.973E-05	6.7257E-05	7.9086E-05
0.00285937	0.00311677	0.00520921	0.00632908	0.0073877	0.00898997	0.0094394	0.00996558
0.0001999	0.00024394	0.00028241	0.00050778	0.00054074	0.00048666	0.00058055	0.00058126
0.00339338	0.00281932	0.00260282	0.00266793	0.00274086	0.00273171	0.00273928	0.00287164
0.0790691	0.08616089	0.09188025	0.09842767	0.1080245	0.11541566	0.11892707	0.09083172
7.5732E-05	8.2616E-05	7.5732E-05	4.8193E-05	3.4423E-05	0.00020013	0.00035112	0.00068844
0.00903781	0.01223852	0.01258492	0.00595843	0.00421594	0.00559433	0.00532835	0.00283997
0.0008736	0.00090212	0.0009395	0.00092179	0.00085541	0.00027881	0.00016719	5.5077E-05
0.07606381	0.06845198	0.06661472	0.05428939	0.05383907	0.05531236	0.05364781	0.05165604
0.041112	0.04392249	0.04794326	0.05750121	0.06399282	0.06459311	0.07393146	0.06853954
1.21616385	1.22739275	1.28824922	1.33210345	1.47786993	1.60791079	1.79283953	1.89109247
0.02835917	0.02958374	0.03105617	0.03041394	0.03102832	0.03392607	0.03263539	0.03414195
0.03201891	0.03349484	0.03429501	0.03821128	0.03978585	0.03995432	0.04354066	0.04572278
0.01437434	0.01540903	0.01535703	0.01449728	0.01456416	0.04370393	0.07761326	0.09214013
1.3134E-05	6.7735E-06	6.7735E-06	6.7735E-06	6.7735E-06	6.7735E-06	2.1809E-05	2.1809E-05
0.04120772	0.04318913	0.0469036	0.04944952	0.05199358	0.06212364	0.06787613	0.07308691
0.17957401	0.18134231	0.17958382	0.19481835	0.18378323	0.1657434	0.1482491	0.160089
0.00405666	0.00438101	0.00542912	0.00384531	0.0039128	0.00628927	0.00800368	0.00716203
0.00411748	0.00372367	0.00362637	0.00369411	0.00407361	0.00494253	0.00510893	0.00498604
0.64985389	0.72249561	0.73765431	0.77230656	0.78794004	0.82049446	0.87873605	1.19893043
0.36578854	0.36710692	0.36530337	0.3869779	0.38775781	0.3705906	0.34615826	0.3643637
0.00279828	0.00280168	0.00288688	0.00279407	0.00289968	0.0030271	0.00314281	0.00194671
0.00747598	0.0075631	0.00761896	0.00798286	0.00796693	0.00358404	0.00315441	0.00330967
0.00036915	0.00037122	0.00034643	0.00062668	0.00064518	0.00066115	0.00066778	0.0006799
1.3634E-05	1.3244E-05	1.1661E-05	1.0306E-05	1.1081E-05	1.2124E-05	1.2811E-05	1.1287E-05
2.373E-05	2.6891E-05	2.6981E-05	2.3504E-05	3.0265E-05	3.1581E-05	3.8077E-05	4.5527E-05
0.14560243	0.21030099	0.22973567	0.29363002	0.45674394	0.47544507	0.67637022	0.94820662
0.02906871	0.03210897	0.03363832	0.02749391	0.00828245	0.01578811	0.01371241	0.01911315
0.00023996	0.00023707	0.00023627	0.00037742	0.00042179	0.00044223	0.00047486	0.00047731
0.00389638	0.00350674	0.00348336	0.00344756	0.00385633	0.00322886	0.00396951	0.00442481
0.00032202	0.00039683	0.00022591	0.00024487	0.00019872	0.00029071	0.00033085	0.00031758
0.01145734	0.01295001	0.01234109	0.01222484	0.01222484	0.01222484	0.01276879	0.01608975
6.7911E-05	9.1856E-05	9.215E-05	0.00012323	0.0001224	0.00012317	0.00012037	0.00013476
0.00102473	0.0003719	8.875E-05	1.2628E-05	0.00037804	0.0013805	0.0006035	0.00057475

6.1274E-05	3.9717E-05	4.0526E-05	8.5361E-05	0.00010684	0.00016529	0.00019321	0.00019881
0.00913085	0.00872453	0.00804727	0.01086902	0.01218179	0.00761757	0.00664724	0.00627415
0.00122663	0.00139895	0.00142303	0.00120048	0.00124809	0.00129063	0.00122191	0.00114665
0.01311492	0.01271341	0.01199825	0.0162519	0.01385497	0.01328217	0.01164145	0.00982487
0.00065412	0.00062189	0.00058416	0.00054115	0.00057047	0.00065634	0.00076149	0.00071608
0.01668009	0.01674516	0.01515722	0.01699674	0.01681265	0.01727149	0.01972803	0.02243864
0.02228388	0.02218593	0.02182532	0.02399572	0.02240673	0.01983666	0.01748978	0.01505316
0.00044057	0.0004268	0.00043368	0.00041303	0.0004268	0.00041303	0.00041303	0.0004268
5.196E-05	6.1345E-05	5.4E-05	5.7928E-05	6.1651E-05	6.8191E-05	8.4099E-05	0.00015542
0.07778989	0.08106152	0.08486586	0.08607031	0.12030067	0.12624887	0.13834756	0.15634839
0.01893712	0.01855836	0.0184524	0.01938276	0.01974775	0.01974775	0.0195335	0.02021742
0.00015278	8.0127E-05	0.00011248	0.00021935	0.00027774	0.00040446	0.00047226	0.00047588
0.00278614	0.00331106	0.00401937	0.00411442	0.00354691	0.00315398	0.00444572	0.00346658
0.00131779	0.00106319	0.0010443	0.00097281	0.0010284	0.00091644	0.00097115	0.00099052
0.02326553	0.02492864	0.02362889	0.02379031	0.03050035	0.02981931	0.02664223	0.02457812
0.00122322	0.00128203	0.00131251	0.00051919	0.00052729	0.00035419	0.00024999	0.00016839
0.00025289	0.00031369	0.000254	0.00034198	0.0004566	0.00128129	0.00130017	0.00124927
0.00035815	0.00046358	0.00063725	0.00070634	0.00057753	0.00064796	0.00084234	0.00085111
0.00182239	0.00196853	0.00189705	0.00375746	0.00426107	0.00405366	0.00396131	0.00419484
0.00016496	0.00016622	0.0001526	0.00026191	0.00038847	0.00124482	0.00129918	0.00132464
0.0126177	0.01398688	0.02186105	0.02962171	0.03254363	0.03154508	0.03158279	0.03164907
0.00066914	0.00070325	0.00047067	0.00071228	0.00019851	0.00011547	0.00080102	0.00087799
0.00060853	0.0005359	0.00051916	0.00092621	0.00106832	0.00092156	0.00110051	0.00100979
0.00036443	0.00037131	0.00033442	0.00074979	0.00073602	0.0006698	0.00072966	0.00069823
0.00528178	0.00548871	0.00536946	0.00474599	0.00434196	0.00508579	0.00494222	0.00420207
0.0012277	0.00337878	0.00313635	0.00376053	0.00404466	0.00413362	0.0038285	0.00414768
0.07999614	0.09786803	0.09765042	0.12118514	0.11432251	0.1145863	0.11553674	0.12554327
0.0059421	0.00623097	0.00561148	0.00612101	0.00688205	0.00628124	0.00699801	0.00698113
1.4633E-05	4.3897E-05			5.6451E-05	9.1733E-05	0.0001129	0.00014818
0.00765853	0.00702277	0.00624535	0.02603112	0.02509793	0.02680001	0.02593509	0.02548062
0.0027983	0.00275848	0.00275246	0.00310802	0.00326126	0.00378978	0.00431809	0.00462638
0.01644102	0.01902268	0.02095924	0.02758333	0.02476119	0.0340785	0.03826912	0.03890688
0.00232366	0.00228855	0.00182543	0.00210576	0.00224067	0.00303061	0.00260912	0.00242796
0.00606613	0.00627832	0.00648726	0.00615352	0.00557941	0.00665217	0.00605084	0.00618648
0.02910592	0.0280217	0.02975553	0.02877671	0.02687174	0.02791096	0.02732807	0.03183892
0.00095589	0.00091494	0.00095545	0.00096555	0.00095835	0.00087593	0.00089645	0.00134169
0.00155205	0.00142425	0.001301	0.00132878	0.00137902	0.00148914	0.00155299	0.00140192
1.03135631	0.99635218	0.98481783	0.92818743	0.92460307	0.891663	0.83705785	0.81425389
0.02684246	0.03335975	0.03558921	0.02909173	0.02981331	0.03153772	0.03276798	0.10059421
0.06132203	0.06297073	0.07083759	0.05875016	0.05756388	0.05315282	0.04449773	0.04673982
0.02800744	0.02986565	0.04120105	0.04586167	0.04994123	0.05217257	0.05341366	0.05584929
0.00060603	0.00138632	0.00085832	0.00192016	0.00558219	0.00131039	0.00128255	0.0042564
0.00074038	0.00070795	0.000628	0.00052204	0.00055572	0.00057834	0.00061095	0.00042531
0.00229373	0.00256314	0.00282694	0.00246306	0.00254608	0.0024809	0.00272682	0.00298187
0.0003402	0.00037747	0.00028099	0.0004432	0.00066063	0.00055711	0.00068443	0.00068316
0.14256218	0.16602396	0.1800892	0.15357291	0.13256562	0.17086809	0.16118002	0.13767057
1.89920041	1.90309637	1.89122654	2.21764585	2.19390563	2.21366182	1.90705829	1.81584794
0.06962401	0.07208809	0.07135964	0.07553207	0.08014183	0.09154007	0.10512453	0.10657961
0.13384746	0.13535662	0.13390709	0.14218286	0.12524824	0.11578233	0.11002855	0.10114533
0.00071673	0.00083644	0.00068408	0.00080072	0.0009371	0.00086433	0.00153839	0.00098108

0.00396967	0.00405267	0.00412049	0.00416704	0.00415735	0.00436971	0.00439151	0.00451845
0.01195306	0.01362637	0.01404032	0.01904056	0.02370272	0.02443475	0.02781589	0.02894108
1.4168E-06	1.429E-06	1.5317E-06	5.5421E-06	3.2808E-06	2.9449E-06	2.8212E-06	3.2885E-06
0.00010881	0.00012788	0.00011281	0.00010309	0.00010938	0.00012043	0.00012695	0.00011277
0.00032942	0.00034614	0.00023226	0.00041062	0.00054403	0.00051918	0.00057688	0.00057388
0.000565	0.00045166	0.00032009	0.00027841	0.00119843	0.00118634	0.00160295	0.00235972
0.00032749	0.00031109	0.00022279	0.0003795	0.00032862	0.00054501	0.00066656	0.00067758
9.759E-05	0.00010437	0.00012694	0.00010687	9.7283E-05	9.4056E-05	5.3628E-05	5.575E-05
1.1746E-05	1.1107E-05	7.7685E-06	2.285E-05	3.0812E-05	2.8154E-05	2.9068E-05	3.3365E-05
0.00045851	0.00054512	0.00058846	0.00081125	0.00076031	0.00073199	0.00075735	0.00075305
0.2554794	0.25538218	0.2437745	0.24757481	0.23542262	0.22968925	0.21537316	0.16202661
0.00244949	0.01195119	0.01207179	0.02138927	0.01883367	0.02054596	0.020844	0.01905712
0.06742397	0.06314915	0.19422312	0.18994337	0.20117991	0.20173187	0.30744023	0.49869798
			0.00125157	0.00116799	0.00101224	0.00059359	0.00057133
0.0001119	0.00015712	0.00011428	0.000151	0.00021896	0.00017446	0.00017671	0.00016985
0.00545644	0.00686948	0.00651933	0.00839595	0.00767962	0.00816594	0.00866162	0.01094558
6.1649E-06	6.582E-06	6.601E-06	7.8309E-06	7.6045E-06	7.21E-06	8.1551E-06	8.2696E-06
9.0281E-05	5.0873E-05	3.9123E-05	0.00018344	0.00022667	0.00038214	0.00040165	0.00041606
8.2616E-05	0.00010327	8.2393E-05	0.00014419	0.00020598	8.9259E-05	0.00013718	0.00022635
0.02881821	0.03109441	0.03667823	0.05522932	0.06606084	0.07138511	0.12912157	0.13882313
0.00062501	0.00065908	0.00070594	0.00072475	0.00072504	0.00079909	0.00060741	0.00033939
0.00410323	0.00432692	0.00463455	0.00475808	0.00425961	0.002131	0.00302752	0.00411222
2.9304E-06	2.9345E-06	2.9354E-06	8.9761E-06	8.9643E-06	8.965E-06	8.9546E-06	9.1426E-06
4.7116E-05	5.7781E-05	6.2506E-05	5.4988E-05	5.9815E-05	6.3321E-05	6.6925E-05	7.9847E-05
0.00338995	0.0030305	0.00288291	0.00336465	0.00316385	0.00323035	0.00308854	0.00334901
0.00274395	0.00330626	0.00331539	0.0029844	0.00406663	0.00384168	0.00401245	0.00330051
0.16869773	0.09824278	0.1327146	0.13000816	0.15387537	0.13867889	0.13850966	0.15745406
0.08021785	0.11288343	0.13321803	0.12812251	0.14543819	0.17308151	0.19564925	0.20956372
0.00051635	0.00051635	0.00052324	0.00053701	0.00053701	0.00053701	0.00072878	0.00098939
0.00011129	0.0001097	0.00013832	0.00016376	0.00022418	0.00025386	0.00025174	0.00025174
0.62107324	0.62096064	0.61470156	0.66554834	0.59986325	0.56730268	0.5355518	0.43353569
0.00095527	0.00200572	0.0023879	0.0009817	0.0015696	0.00205454	0.00156827	0.00065312
8.77416951	9.66960709	12.3653794	14.9183164	17.1607302	18.3399924	19.4095169	20.229657
0.0491774	0.04934903	0.0491552	0.05355226	0.05235029	0.04751895	0.04177099	0.03875943
1.7533E-05	2.2071E-05	3.5976E-05	7.7071E-05	7.5635E-05	8.0136E-05	7.3221E-05	9.4883E-05
0.01506835	0.01523729	0.01593259	0.01394437	0.00985334	0.01003172	0.01119186	0.00915643
2.2262E-05	2.3765E-05	2.3837E-05	2.5051E-05	2.4851E-05	2.5072E-05	2.4932E-05	2.479E-05
0.02171822	0.02716058	0.01886281	0.01577489	0.01059206	0.00829138	0.00713294	0.01037881
7.2492E-05	9.2172E-05	7.1581E-05	6.3589E-05	6.0874E-05	3.464E-05	3.6548E-05	3.2345E-05
7.9186E-05	7.6978E-05	8.6951E-05	7.8417E-05	8.3292E-05	8.1995E-05	9.6911E-05	8.5815E-05
0.00163806	0.00181116	0.00186366	0.00186434	0.00231476	0.0025206	0.00242594	0.00281063
0.52898818	0.50864518	0.53230539	0.55775364	0.55885241	0.56789861	0.6083871	0.6227667
0.00041808	0.00046391	0.00038674	0.00031992	0.00032495	0.00031578	0.00032198	0.00020844
0.02407347	0.02297451	0.02549541	0.02548586	0.03183342	0.0321925	0.02933207	0.03088835
0.000806	0.00088101	0.00121698	0.00164339	0.00189531	0.00211856	0.00215607	0.00242855
0.02368318	0.02256724	0.02083159	0.03097416	0.0302793	0.02182766	0.02209853	0.02211234
0.19809402	0.20497849	0.20948095	0.21147188	0.21803012	0.22156741	0.22917043	0.23458011
8.2647E-05	8.0576E-05	8.4186E-05	8.3227E-05	0.00010748	0.00011391	0.00013787	0.00018593
1.65271689	1.72566407	1.79094443	1.58451895	1.52321897	1.55466499	1.56541846	1.62519734
0.05158766	0.0520451	0.05140622	0.04253438	0.03338956	0.02533336	0.02494036	0.02614615
0.03514318	0.03215611	0.02740903	0.02512447	0.02666914	0.02793285	0.02224158	0.02701661

0.2873054	0.29275438	0.32489803	0.33230272	0.36500881	0.35163657	0.3713201	0.39380142
0.81733307	0.80742477	0.75267343	0.73358536	0.78952051	0.81381834	0.83059745	0.83568929
0.08311244	0.0823047	0.08057957	0.10116404	0.10539891	0.06578546	0.03858943	0.01876014
0.00138353	0.0014764	0.00150573	0.00179195	0.00178624	0.00183515	0.00181145	0.00201011
2.27784536	2.28142865	2.4270631	2.56432561	2.39308201	2.60058434	2.87940696	2.86861019
1.37676181	1.45052664	1.25577984	1.19191643	1.22000026	1.13970607	1.1803722	1.11292795
0.19536429	0.19456823	0.19164464	0.24190239	0.22668693	0.2087824	0.19220804	0.16762283
0.04336889	0.04527388	0.04678334	0.05817111	0.06032708	0.05876202	0.0604128	0.06290861
7.29608932	6.54905672	6.23179226	3.99827958	3.89999914	3.59974276	3.82580538	4.34929345
0.0417359	0.04258454	0.042413	0.04288572	0.04345798	0.04424784	0.04535156	0.04644802
0.0728019	0.0739737	0.0746418	0.09620774	0.09971242	0.09931886	0.10190906	0.10442665
0.26371785	0.28014772	0.28795933	0.29863128	0.29918552	0.31353887	0.31807202	0.32353798
2.27280415	2.23517722	1.91973884	1.49873124	1.0470519	0.9134729	0.84269671	0.89089475
0.04313093	0.04444415	0.04586827	0.0477927	0.0482416	0.05260805	0.05532495	0.05628384
0.00785856	0.00810552	0.00937779	0.01163918	0.01064167	0.0097001	0.01018182	0.01123662
0.10307146	0.10016586	0.1041802	0.10979603	0.09800976	0.07048275	0.06108093	0.03160519
3.011053	2.79000113	2.61046679	1.13475724	1.11728227	0.99817179	0.85563538	0.75482765
0.00422682	0.00403768	0.00436215	0.00489461	0.00525822	0.00472079	0.0047226	0.00460878
0.00305671	0.00355103	0.0043599	0.00338378	0.00302086	0.002442	0.00275778	0.0027299
0.06011661	0.0619103	0.06367547	0.06939763	0.07118719	0.07133056	0.07877894	0.08310388
7.34362078	7.395031	4.16734097	3.84742263	3.905045	3.93617944	3.97966821	4.51727093
0.00585433	0.00569499	0.00619012	0.00698255	0.00696211	0.00698473	0.00661747	0.00652111
0.00927008	0.00985842	0.01021685	0.01060624	0.01099254	0.01272301	0.01313885	0.01345138
0.00886004	0.00903546	0.00918326	0.01959983	0.01969735	0.01983341	0.01990452	0.0206225
0.0283692	0.03291069	0.03478269	0.03819338	0.03885897	0.0433027	0.04386723	0.04379099
0.02501077	0.02501997	0.02480867	0.02663601	0.02737319	0.02756066	0.02747118	0.02542161
10.5183388	11.2874817	15.082142	15.5912698	12.4683452	12.3707245	13.2643237	16.2273523
0.50420738	0.47166695	0.45126471	0.37892605	0.37483987	0.36472097	0.33409322	0.3289562
0.2246502	0.25525425	0.28409233	0.34523418	0.35490063	0.47551117	0.49577501	0.55692452
28.5317629	27.3444271	28.2467589	28.2400481	27.7858584	27.8250922	31.3035296	31.1069563
0.10507009	0.10628093	0.10679762	0.10743245	0.11117247	0.11343924	0.11902893	0.1235625
0.10649663	0.10916195	0.11166344	0.11227539	0.11248824	0.11418015	0.11834944	0.1233238
0.22855951	0.23474116	0.23902003	0.24476269	0.24529551	0.25185069	0.25960653	0.26847188
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0.00058615	0.00058256	0.00052979	0.00063937	0.00049222	0.00072229	0.00072253	0.00072204
0.63024732	0.65490782	0.64176659	0.67342725	0.69293009	0.70138441	0.73141531	0.78495035
0.00148095	0.00151537	0.00151547	0.00282138	0.00304741	0.00302516	0.0031227	0.00324576
0.00118661	0.0013405	0.00137558	0.00220298	0.00245002	0.00247648	0.00253598	0.00274477
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1.13407724	1.08804915	1.0499719	1.03345053	0.92870994	0.8627301	0.76276833	0.79236372
0.00116315	0.00131024	0.00132553	0.00154363	0.00150992	0.00158148	0.00148207	0.00174351
0.06020593	0.0603335	0.06239057	0.06499399	0.06671978	0.06981534	0.07093908	0.07259323
2.34558254	2.23898011	2.0933917	1.82977761	1.44243296	1.6344515	1.38841848	1.55632831
26.0736432	25.7365316	28.6952289	27.8040987	30.5666479	29.8101758	27.4638319	30.1749337
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0.00038528	0.00041865	0.00041929	0.000457	0.00045875	0.00045315	0.00044494	0.00054477
1.5708897	1.26972134	1.70066076	1.25990844	1.22254124	1.09409175	1.04714268	1.06760479
0.12294795	0.11580964	0.12271765	0.10607594	0.10694163	0.11959498	0.12088678	0.13922693
0.6171159	0.62046322	0.5842123	0.61493512	0.69096666	0.65378013	0.73332888	0.61816752
0.17945357	0.19702086	0.18645381	0.20647352	0.2136089	0.22215842	0.2131943	0.22538572
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0.00126602	0.00126307	0.00113368	0.00134215	0.0016179	0.00145494	0.00138051	0.00135714
4.56614254	4.43414595	4.35958871	4.30151168	4.09068808	3.87161253	3.52962192	3.86428037
0.15121513	0.14423175	0.13486966	0.13762909	0.1265277	0.08417265	0.07701684	0.08238741
0.33918673	0.35202229	0.36508611	0.37778366	0.41074863	0.4597446	0.45207786	0.50592622
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10.1385618	9.01406329	8.46579436	7.19571024	7.16107513	7.1123201	6.98354822	6.09297884
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0.00147436	0.00166542	0.00162512	0.00163718	0.00202876	0.00235413	0.00236432	0.00264226
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0.005427	0.00619849	0.00688777	0.0080798	0.00890303	0.00841872	0.00923995	0.00965325
0.00475165	0.00487383	0.00478156	0.00692071	0.0075276	0.00752564	0.00775174	0.00793707
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0.00300191	0.00309645	0.00316245	0.00312243	0.00312697	0.0031168	0.0032269	0.00407858
1.64454647	1.51844111	1.5646699	1.48690516	1.32959488	1.37468499	1.32655385	1.31038456
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0.00062678	0.00063261	0.00063741	0.00064098	0.00064311	0.00064394	0.00064379	0.00064341
0.10620464	0.10923819	0.11119771	0.11561113	0.12131033	0.12933534	0.13736134	0.13744448
0.00203975	0.00238166	0.00278064	0.00376435	0.00404018	0.00354416	0.0043993	0.00454165
0.02503126	0.02434556	0.02287824	0.02263376	0.01969949	0.01928748	0.01942087	0.02338133
0.16733718	0.18622274	0.19061119	0.19957836	0.22921222	0.2567557	0.27072452	0.24954046
0.05414353	0.05583509	0.05783422	0.05756395	0.05707108	0.06087897	0.06452232	0.07060842
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0.08617153	0.08737933	0.08796319	0.09501969	0.09583081	0.09599511	0.09561579	0.09218143
4.40989416	4.11392028	3.69971063	3.03274014	1.70354738	1.07165015	1.44360253	1.99493193
1.76169291	1.79505548	1.75397425	2.10779362	2.17056388	2.23472132	2.41762314	2.44797005
6.7095361	6.71171068	6.79888695	6.94381134	7.41874229	7.62312073	8.06953984	8.19370396
0.95412801	0.89147031	0.86882007	0.96889525	0.78487506	0.78666411	0.7842626	0.78468218
3.15451308	3.22007951	3.31627622	3.42536914	3.502538	3.69649976	3.72637173	3.85233122
0.96323167	1.00435754	1.07008312	1.08202099	1.02447165	1.14875644	1.23631579	1.28156091
0.01680263	0.01706354	0.01704078	0.02944436	0.02674532	0.02907365	0.02901607	0.02989498
0.62745188	0.63078187	0.63558294	0.63009825	0.65497164	0.63686614	0.65045322	0.68483317
13.9337688	10.1679847	9.90815271	9.82834604	9.08044653	8.66170386	9.0821663	8.96696543
0.04568203	0.0470756	0.05643721	0.05786714	0.05725452	0.06678145	0.07074048	0.06891019
0.19090565	0.19333505	0.19710266	0.20551327	0.21283024	0.22704784	0.23754597	0.24642741
12.5233974	14.1661928	14.5185816	13.511337	13.1527725	13.3701549	14.0267603	15.4803747
1.25611611	1.29137052	1.27065757	1.40858398	1.46705801	1.39802449	1.18818868	1.01039457
0.24354768	0.24825288	0.25688394	0.26091635	0.2678251	0.27006136	0.27470025	0.27910953
0.11948516	0.1234606	0.12436591	0.16543685	0.14025945	0.07873787	0.05393198	0.02903099
0.02958406	0.02930693	0.02899345	0.0587573	0.05884413	0.05960077	0.0594557	0.06052374
0.00057376	0.00058189	0.00057008	0.00063702	0.00065717	0.0006832	0.00068886	0.0006938
0.00076194	0.00079141	0.00079442	0.00081699	0.0007881	0.00080593	0.00100118	0.0011932
1.1311197	1.41108118	1.90394289	2.5351056	5.55263573	6.22704672	4.18304829	4.59603981
0.31345931	0.35180027	0.38953483	0.22520156	0.15244088	0.22667371	0.22210245	0.23671357
0.01480092	0.01513593	0.01517384	0.03025516	0.03113857	0.03181105	0.03209605	0.03261298

0.16553724	0.15193216	0.15765465	0.15870382	0.17136622	0.18420234	0.20333069	0.20439916
0.02790252	0.03481593	0.03295449	0.03680717	0.03503606	0.03166798	0.02938093	0.02773854
0.16387955	0.17171307	0.16653851	0.16867711	0.16806697	0.16909113	0.18368281	0.21882541
0.00080031	0.0010247	0.00103063	0.00112895	0.00113019	0.00114382	0.00112305	0.00132408
0.12888232	0.12659329	0.12682841	0.1268128	0.12853064	0.14298969	0.13858679	0.13653268
0.02804524	0.02772651	0.02808539	0.03215164	0.03304749	0.03272967	0.03294115	0.03308594
1.23226273	1.15743072	1.07712052	0.89641401	0.93950421	0.68623892	0.69251757	0.56529054
0.04390207	0.04530926	0.0497109	0.05372231	0.06007606	0.06314024	0.06389129	0.06284912
0.11504219	0.11298665	0.10944148	0.10973162	0.09655913	0.08327192	0.07504339	0.07076745
0.00914067	0.00889866	0.00841731	0.01155392	0.01207909	0.01387605	0.01527349	0.01660415
0.1458908	0.14746626	0.15541299	0.1609121	0.1694519	0.17872361	0.18707055	0.19958165
0.09765317	0.09726053	0.09577541	0.11091252	0.09646692	0.09267578	0.0714799	0.05370539
0.05701146	0.05847101	0.06039041	0.06912053	0.07207794	0.07459691	0.07781935	0.07368825
0.00075821	0.00090292	0.00080457	0.00123896	0.00128422	0.00140573	0.00162179	0.00328085
2.7882622	3.01504423	3.13097126	3.11040245	3.36903553	3.18004651	3.1152768	3.48659791
0.03792804	0.0378275	0.03867059	0.04165525	0.04046248	0.04211951	0.04808237	0.04020863
0.03124407	0.03125296	0.03257636	0.03757265	0.03992431	0.03888671	0.03959206	0.03998139
0.01434098	0.01512827	0.01595192	0.01643051	0.01601787	0.01576357	0.01914795	0.01769038
0.24054139	0.23533332	0.24344976	0.23568039	0.22927106	0.23882281	0.22483298	0.23213288
0.08741703	0.11922678	0.09365683	0.09333766	0.09005576	0.08183401	0.08227154	0.06594687
0.20161259	0.19974205	0.19838819	0.19930793	0.19941815	0.20437543	0.21057507	0.2126948
0.01413486	0.01596198	0.0158948	0.02146743	0.0242453	0.0394053	0.03967305	0.03979917
0.00297185	0.0037638	0.00487849	0.00683554	0.00583166	0.00642622	0.00834473	0.00833843
0.02733017	0.02839428	0.02945646	0.03194355	0.03210742	0.03397737	0.03542875	0.03439756
0.08862729	0.09340195	0.09817668	0.12546639	0.12939526	0.13014616	0.12594691	0.12991771
0.30135525	0.31425102	0.36394233	0.41958345	0.43735681	0.50822424	0.52590881	0.54857309
0.02526685	0.02724392	0.02461572	0.0282247	0.02148775	0.02183462	0.02352495	0.02477087
0.01236631	0.01163766	0.01181017	0.01592744	0.01736034	0.01850794	0.01876533	0.01943673
0.03089571	0.03184212	0.0327363	0.03333485	0.03400637	0.03467913	0.03617653	0.03709834
1.30374167	1.35794321	1.38939962	1.38490576	1.46851377	1.55986655	1.55176933	1.53749546
0.04654286	0.04286321	0.0400859	0.0426825	0.04504149	0.04612176	0.04677899	0.05003161
6.17790588	5.96496689	5.15064309	5.04616628	5.08039862	5.17912358	5.48881865	5.2756217
3.20385875	2.89527881	2.49739364	2.09277562	1.92959753	1.43450234	1.68339801	1.73191677
0.12744505	0.12953722	0.13057577	0.13584175	0.14090842	0.14327387	0.14742719	0.15343433
0.19981627	0.2141403	0.21327101	0.2182365	0.21992878	0.22978145	0.23340949	0.24184593
0.10800069	0.11218141	0.11575519	0.13092944	0.15025984	0.1542918	0.15691401	0.15866785
1.38870807	1.39513788	1.3890006	1.37867177	1.37986029	1.43974515	1.38806128	1.61948828
0.03892808	0.03399693	0.03512394	0.03566374	0.04079704	0.04703175	0.04751984	0.04962017
0.46850533	0.44811813	0.38980447	0.38987558	0.36764888	0.37365465	0.37401913	0.37787096
0.5846442	0.60308957	0.61830939	0.65613069	0.64227342	0.70515927	0.72408893	0.75833885
0.01929994	0.01847509	0.01931312	0.01948901	0.01937953	0.01746045	0.01761575	0.02590529
0.0333393	0.03209079	0.03063897	0.05029962	0.05056314	0.05367745	0.05345987	0.05358858
8.3613224	7.9367885	7.38576995	4.76654145	4.43583157	4.32132906	4.69349063	4.70656652
0.15077728	0.18827018	0.19686906	0.17026076	0.17449355	0.18117223	0.18570787	0.18558177
0.54210195	0.55122455	0.55018714	0.53181687	0.47979189	0.44035589	0.40536058	0.35942614
0.87948515	0.63466795	0.75507099	0.65615085	0.66353868	0.67403446	0.5971512	0.54842451
0.08660689	0.09253547	0.09456612	0.0952077	0.09674036	0.10182126	0.10721624	0.11313459
0.01179291	0.01155844	0.01050273	0.0122776	0.01282424	0.01322478	0.01323014	0.01070597
0.06213437	0.063514	0.06784407	0.06522656	0.06639199	0.06774614	0.0699993	0.07166454
0.01208856	0.01331257	0.01199455	0.01373824	0.01788898	0.01447491	0.01593876	0.01631801
5.64208006	5.44036655	5.3262878	4.16623595	2.79662391	3.24942771	3.34521787	2.99930088

27.687963	26.621625	25.2016129	22.5566299	22.7208122	19.898771	16.4815464	13.712686
0.13460137	0.13779928	0.14636137	0.11642537	0.11015585	0.10213489	0.09674006	0.10129364
1.46002527	1.51934907	1.51224557	1.66464235	1.71440193	1.81495911	1.93275184	2.00810015
0.95442309	0.91586668	0.87879836	0.84903512	0.68744431	0.59705494	0.46504406	0.54792067
0.26769927	0.28643673	0.28334939	0.29949915	0.29683438	0.29742361	0.28823469	0.3309527
9.64354083	10.1074516	10.1045083	11.1292548	11.5613402	12.4246598	12.0402598	12.4097093
0.05589397	0.05433913	0.05375057	0.05540394	0.05603475	0.05774153	0.05747775	0.05853922
0.11688225	0.12413917	0.13551892	0.17756275	0.18802235	0.18900619	0.59944135	1.00416628
4.0872E-05	5.6372E-05	5.4105E-05	8.4337E-05	4.8159E-05	4.3862E-05	6.1259E-05	5.9787E-05
0.00341544	0.00378648	0.00363654	0.0044734	0.00462116	0.00488879	0.00494246	0.00499934
0.04492307	0.045722	0.04417867	0.05546165	0.0576236	0.05280285	0.05195023	0.0513076
0.05722302	0.0543788	0.05383093	0.05573414	0.0663799	0.07152446	0.07446524	0.07967293
0.05619888	0.05729997	0.05745747	0.0818693	0.08403923	0.08743054	0.08888369	0.09099802
0.00059166	0.00063053	0.00077666	0.00089106	0.00083497	0.00079022	0.00045293	0.00046897
0.00085137	0.00086668	0.00083527	0.00138696	0.0015758	0.00148425	0.00148759	0.00161324
0.00443842	0.00510605	0.00560646	0.00956184	0.00985423	0.00955096	0.00977438	0.00988148
1.1024505	1.05492975	1.00017822	1.1007068	0.8694089	0.81133399	0.70446816	0.97044941
0.09234704	0.10510535	0.10592245	0.11207107	0.10512544	0.10356748	0.11029686	0.11371019
1.48284707	1.32250623	1.21135413	1.28623622	1.31980225	1.30771568	1.28277054	1.3081066
0.0320748	0.0324433	0.03290273	0.03545552	0.035399	0.03303982	0.03194641	0.03750798
0.00235722	0.00348057	0.00302749	0.00295843	0.0042761	0.00352908	0.00355615	0.00351842
0.78912334	0.79261844	0.79813133	0.8206766	0.74810818	0.78518019	0.86104364	0.89372494
6.4736E-05	7.0162E-05	7.0597E-05	8.0487E-05	7.9532E-05	7.9366E-05	8.2327E-05	8.4473E-05
0.03881072	0.03753237	0.03794239	0.05365667	0.05541237	0.05519539	0.05570041	0.05669002
0.03288056	0.03338279	0.03406813	0.03560581	0.03675496	0.03686656	0.03769567	0.04317349
0.82494362	0.89493025	1.05980013	1.19259628	1.26296829	1.31462489	1.35160994	1.43215325
0.02545038	0.02588635	0.02626123	0.02801281	0.02619207	0.01747243	0.01235216	0.00759158
0.38666664	0.37300272	0.24634591	0.23428319	0.3119333	0.44902798	0.53730251	0.48227122
0.00048819	0.0004897	0.00049293	0.00104239	0.00104116	0.0010453	0.00104718	0.00100811
0.00120824	0.00138286	0.0014653	0.00171785	0.00180134	0.00186587	0.00186643	0.00233578
0.04066392	0.0376375	0.03636254	0.03689205	0.03831939	0.03735216	0.03504259	0.03832674
0.54230231	0.52420475	0.49997663	0.46944421	0.51068471	0.46771147	0.40113785	0.30036526
2.85874121	2.87522812	3.00216036	3.08052018	3.61078424	4.55155708	4.65071139	3.66424063
0.9028151	1.00301629	1.08093001	1.11645141	1.116536	1.1252703	1.17560628	1.28122049
0.29579745	0.30382457	0.31145919	0.32001874	0.32891873	0.33897538	0.35627624	0.40327333
0.16327109	0.16521122	0.16770353	0.17236136	0.17898182	0.1855626	0.1896098	0.19443671
15.0574245	13.1641419	14.0282633	9.47287241	8.67848535	7.2124833	6.04390458	4.9469705
0.04489464	0.04978288	0.05299499	0.04533407	0.05012526	0.05910926	0.05780904	0.05410268
73.6991562	72.5641844	69.0695271	55.3002433	54.2122582	54.7812055	55.9676323	57.8697248
0.49119404	0.48160434	0.46578888	0.51995894	0.47783174	0.40331034	0.34277079	0.28059956
0.00034308	0.00038492	0.00051019	0.00057495	0.0005589	0.00063162	0.00054488	0.00085747
0.65923572	0.67119436	0.66475806	0.66657253	0.68526111	0.68051075	0.74155715	0.73788116
0.00022266	0.0002372	0.00024038	0.00026233	0.00026272	0.00026723	0.00026408	0.00026773
0.43610595	0.43166627	0.41628763	0.41977815	0.42122417	0.43632079	0.48854298	0.48281608
0.00184933	0.00218156	0.00190674	0.00226825	0.00221268	0.00167911	0.00170371	0.00172816
0.00222289	0.00221609	0.00238322	0.00290181	0.00298446	0.00294046	0.00316873	0.00317775
0.48408003	0.5035437	0.52353463	0.55297004	0.5888841	0.61906576	0.6366214	0.66693729
2.7804496	2.73194355	2.70980261	2.69451195	2.74093616	4.61416243	4.17681625	4.28230282
0.71362461	0.69001019	0.66084136	0.62831894	0.6401665	0.46682342	0.62896005	0.70028844
0.24893469	0.24818083	0.25344734	0.26384502	0.26374614	0.26687561	0.26123492	0.26370221
0.00016092	0.00017482	0.00024054	0.00057542	0.00071022	0.00080113	0.00083098	0.00091137

0.01016206	0.00924208	0.00862631	0.02064113	0.01937243	0.01182163	0.01147584	0.01089882
0.01171642	0.01415417	0.01501167	0.01090411	0.01491789	0.01311247	0.01334918	0.01799011
4.8714E-05	4.8531E-05	4.6716E-05	4.3909E-05	6.1716E-05	6.7551E-05	8.177E-05	0.00010714
1.94471175	2.05466588	2.15802525	1.93252031	1.8806392	1.94340077	1.98155419	2.08353509
0.00608437	0.00699271	0.00548045	0.00410031	0.00312364	0.00254291	0.00334889	0.00445514
0.01513481	0.0158237	0.013387	0.0131241	0.01614717	0.01771971	0.01479598	0.01884079
0.09768929	0.09534733	0.09808899	0.10340864	0.10214942	0.09672309	0.10884183	0.11877938
0.37299689	0.35821697	0.33208673	0.33975324	0.40222007	0.43485918	0.47075609	0.46896521
0.01535995	0.01559233	0.01599987	0.02258779	0.01858312	0.01169274	0.00758568	0.00101669
0.00018291	0.00019323	0.00019702	0.00046851	0.00051557	0.00052859	0.0005327	0.00056012
0.88113916	0.91100694	0.91494821	0.9483352	0.9192348	1.17655257	1.26564754	1.45439693
0.15947429	0.16588492	0.17250572	0.18038371	0.20753514	0.21003134	0.21541414	0.22119358
0.06873142	0.07107908	0.07331811	0.07141479	0.0556132	0.05705561	0.054384	0.04347029
0.00028423	0.00053974	0.00060645	0.00081984	0.00124175	0.00095974	0.00107553	0.00114963
0.18571267	0.19406469	0.19438609	0.19086757	0.2010229	0.21568486	0.22286053	0.23381973
0.00300403	0.00281002	0.00218631	0.00186361	0.00161474	0.00134322	0.00134739	0.00143979
0.00092471	0.00118818	0.0010295	0.0013344	0.00201345	0.00169986	0.00180386	0.0020323
0.05041833	0.05259542	0.05709542	0.058589	0.06589308	0.07497223	0.07356759	0.07273236
0.03344345	0.04994923	0.0540501	0.08044168	0.04654459	0.05740041	0.06660801	0.05655788
0.00730596	0.00753215	0.00792685	0.00853315	0.00849736	0.00915405	0.00970894	0.01231371
0.00110348	0.0011029	0.00128565	0.00310676	0.00307402	0.002697	0.00286688	0.00306866
0.01511213	0.01714938	0.01654412	0.0154938	0.01321034	0.00660457	0.00886366	0.00755031
0.36079191	0.36753307	0.37346958	0.2691343	0.27131057	0.25714512	0.32506588	0.18636581
0.00010047	7.6833E-05	0.00011567	0.00035681	0.00044894	0.0003804	0.00038342	0.00035885
0.00031076	0.0003572	0.00044202	0.00072311	0.00071489	0.00057462	0.00066355	0.00063431
0.02480684	0.02523021	0.02550035	0.03020912	0.03386672	0.03381788	0.04054844	0.04097009
0.93837414	0.96440164	1.02190091	1.00412595	1.20087626	1.45465592	1.56945151	1.79121277
0.00052401	0.00049821	0.00055679	0.00134281	0.00149853	0.00157314	0.00154443	0.00144985
0.00405695	0.00447521	0.00482284	0.0049532	0.00524329	0.00603944	0.00609439	0.00617762
0.00017979	0.00017149	0.00015827	0.00081479	0.00081377	0.00088737	0.00086156	0.00104411
0.00605057	0.00664282	0.00767973	0.00929156	0.01004065	0.01097651	0.01003852	0.00954465
0.00041076	0.00049425	0.00048091	0.00066468	0.00093148	0.0007421	0.00081771	0.00088479
1.68811322	1.76939179	1.80670709	1.68532622	1.52177563	1.50783379	1.50688979	1.81203659
0.15884365	0.16968691	0.17557906	0.18964958	0.20591859	0.21985995	0.21511124	0.22963229
0.09753418	0.10960596	0.12546797	0.11837765	0.12249094	0.17151281	0.19987462	0.24798724
0.37081486	0.39388412	0.40993314	0.54621278	0.73796733	0.81083613	0.95688035	0.86924011
0.01436352	0.01539733	0.01708934	0.01638696	0.01730917	0.01591011	0.01561387	0.0157815
0.01691389	0.02007357	0.02023881	0.01891096	0.01797293	0.01660796	0.01755768	0.01895132
0.00409533	0.00413405	0.00413373	0.00443831	0.00391498	0.00346871	0.003479	0.00352134
0.00682645	0.00621344	0.00592621	0.00561521	0.00626547	0.00501698	0.00504955	0.00299327
0.00018179	0.00017835	0.00016086	0.00032822	0.00023441	0.00042552	0.00042104	0.00046867
0.13289081	0.14565379	0.09689642	0.14118004	0.15824704	0.16320445	0.17033495	0.15507773
9.3525E-05	0.00011241	0.0001095	0.00016755	0.00021353	0.00018018	0.00017744	0.00018227
9.4284E-05	0.00015339	0.00018024	0.00023151	0.00030614	0.00030277	0.00029805	0.0003605
0.00551776	0.00609746	0.00629853	0.00601787	0.00670512	0.03001492	0.03139776	0.03231331
0.06041991	0.06252814	0.05378162	0.04810285	0.04003536	0.0289733	0.02263337	0.02049526
0.00011823	0.00013179	0.00013438	0.00032988	0.00035733	0.00037214	0.00035661	0.00040512
0.00653586	0.00721779	0.00813531	0.00954395	0.00984708	0.01082562	0.01105311	0.01184915
0.04962532	0.05118015	0.05530195	0.05539148	0.05002933	0.06356971	0.06322315	0.07031585
1.84415371	1.89690612	1.9301536	2.01520147	2.10816724	2.13117065	2.22529457	2.22389195
0.00121533	0.00143068	0.00321694	0.00425113	0.00562155	0.00479123	0.00475875	0.00502271

2.2745E-05	2.5746E-05	2.6261E-05	6.0285E-05	6.634E-05	6.7987E-05	6.8545E-05	8.9403E-05
0.12624523	0.12892024	0.12779156	0.11858659	0.12920498	0.1370939	0.14578296	0.15242642
0.02646927	0.02552717	0.03037465	0.02707162	0.0279236	0.03121264	0.03232947	0.0377338
0.14974295	0.14978685	0.12927337	0.15674693	0.16723279	0.15924668	0.15555333	0.136527
0.05863833	0.06794472	0.063599	0.08119316	0.08865229	0.08943087	0.09095596	0.0964521
0.1314772	0.14531501	0.1524625	0.16652585	0.17662447	0.18260824	0.18842594	0.20128545
0.00161972	0.00168785	0.00175691	0.00162509	0.00173933	0.00137941	0.00255656	0.00365562
0.00049719	0.00054227	0.00050659	0.00069879	0.00085251	0.0007525	0.00069499	0.00067195
0.48217122	0.54876816	0.57150241	0.59899475	0.63550117	0.6812173	0.67450028	0.71441182
0.04105813	0.04140999	0.0420249	0.03432543	0.03148122	0.01904998	0.02069709	0.02321385
0.00874945	0.00907802	0.00940482	0.00887644	0.00945396	0.00783299	0.00946721	0.01086106
0.12117013	0.12332123	0.12879582	0.12821372	0.13228992	0.13634083	0.13888343	0.1485526
0.00327216	0.00321036	0.00343168	0.00743976	0.00641889	0.00836855	0.00884184	0.00999839
5.0813E-06	9.4649E-06	1.415E-05	1.6241E-05	1.7872E-05	1.8325E-05	1.8466E-05	1.8158E-05
1.02903892	1.06363558	1.06176563	1.06852478	1.11093724	1.13123775	1.14680748	1.11145885
0.00375259	0.00397323	0.00463804	0.00348453	0.00468837	0.00415968	0.00452561	0.00360499
1.26471947	1.32676912	1.35326545	1.31967003	1.37727299	1.43109887	1.47005068	1.49412373
0.05303639	0.05400951	0.05512581	0.05717962	0.04137847	0.03114491	0.02736835	0.02620647
0.01719058	0.01759858	0.01902469	0.01833733	0.01761303	0.0203098	0.02047881	0.0227613
0.00051068	0.00065464	0.00059895	0.00067358	0.00092811	0.00120309	0.00123685	0.00145131
0.00185524	0.0022573	0.00211524	0.00369491	0.00375326	0.00328288	0.00340534	0.0035428
0.00049335	0.00057013	0.00064381	0.00159163	0.00182297	0.00177756	0.00203129	0.00206999
0.00034828	0.00041909	0.00040776	0.00052612	0.00069257	0.00058479	0.00061918	0.00073389
0.00034222	0.00047532	0.00046908	0.00072777	0.00096238	0.00085696	0.0009307	0.00095601
9.0007E-05	8.9384E-05	8.9378E-05	0.00012809	0.0001347	0.00012735	0.00016941	0.00015404
0.1321257	0.14353971	0.15266047	0.16334135	0.16994465	0.17648644	0.18322955	0.19011177
3.7921E-05	4.1312E-05	4.2136E-05	0.00014495	0.00015951	0.00016792	0.00019571	0.00022079
0.01832299	0.02016783	0.01835494	0.019619	0.02404251	0.02438195	0.02586169	0.02632912
0.00018942	0.00022874	0.00026921	0.00073848	0.00088992	0.00074661	0.00099045	0.0009739
0.00271762	0.00306097	0.00291367	0.00285796	0.00287798	0.00261916	0.00266562	0.00503372
0.06108224	0.07506107	0.07191575	0.08214469	0.19518914	0.21500375	0.23657059	0.2544935
0.01379579	0.01473605	0.0147831	0.01413111	0.01489544	0.01649896	0.01846002	0.02052232
0.02414579	0.02785056	0.02787819	0.04099168	0.03704145	0.03087441	0.03158377	0.03251177
0.00149032	0.00160397	0.00169507	0.00172798	0.00166482	0.00169787	0.00155175	0.00047964
0.1317726	0.12835856	0.12905274	0.12087626	0.10363594	0.09502864	0.09196513	0.08955048
0.27320047	0.30053475	0.32346833	0.36362908	0.39678912	0.41923782	0.43786018	0.48088862
1.73490674	1.86299023	2.13717873	2.1625767	2.19245106	2.23836329	2.27326206	2.34457949
0.05305949	0.05416335	0.05590779	0.05753242	0.06082807	0.06446389	0.06733393	0.07060804
0.32191784	0.30843781	0.32556775	0.34974896	0.36614659	0.3618778	0.42472951	0.5599933
0.159651	0.16136211	0.18328961	0.19409734	0.15912202	0.19077673	0.20963064	0.24336617
0.00575647	0.00601096	0.00601174	0.00637163	0.00650584	0.00640928	0.00636504	0.00659755
0.05328408	0.05416983	0.05603801	0.07563981	0.07639015	0.07886916	0.08092964	0.10351011
0.78093764	0.79958395	0.8256396	0.85172225	0.90896034	0.98951852	1.03945323	1.07636238
0.00970094	0.01048395	0.00999374	0.01402836	0.01232456	0.01068965	0.0116771	0.01133993
0.02735997	0.02660184	0.02667615	0.02439315	0.02187629	0.02186134	0.0234251	0.02737397
2.23880536	2.3245309	2.43878051	2.79504178	3.73110355	5.1601449	4.88853673	5.72818248
0.32703215	0.33201319	0.33647846	0.25314486	0.34181672	0.28866308	0.22393881	0.12962338
0.03653426	0.03442008	0.03487832	0.03701034	0.03771732	0.03562819	0.03385671	0.02966115
0.0548309	0.05707781	0.05887391	0.08698539	0.07534785	0.03951536	0.0211414	0.00565324
0.00126826	0.00134796	0.00127313	0.00252139	0.00276554	0.00307267	0.00300236	0.00308029

7.3757E-05	7.2328E-05	6.5266E-05	0.00013317	0.00013862	0.00017256	0.00017083	0.00019016
2.2487E-05	2.5216E-05	2.5719E-05	5.9041E-05	8.6628E-05	8.8783E-05	0.0001108	0.0001271
0.46131237	0.51440394	0.55553405	0.65081731	0.78556654	1.04733269	1.12649913	1.37795107
0.08669034	0.09951091	0.12316244	0.02380489	0.01557175	0.03722281	0.03979051	0.05408852
0.00067943	0.00067398	0.00072144	0.00142879	0.00172846	0.00192042	0.00187647	0.00202144
0.01716635	0.01211942	0.01521294	0.01523638	0.01906469	0.02651485	0.03101193	0.03912796
0.00160206	0.00251165	0.00198948	0.00152237	0.00115423	0.00101889	0.00110533	0.00113539
0.06140597	0.06213103	0.06100207	0.06103306	0.06108438	0.06027996	0.07023973	0.08076416
6.4352E-05	8.6134E-05	8.7841E-05	0.00020165	0.0002219	0.00022746	0.00022928	0.00026753
0.08120339	0.0813651	0.08173656	0.08417061	0.0810834	0.08887546	0.09401847	0.10197052
0.00030483	0.00025138	0.00035689	0.0004584	0.00060618	0.00051084	0.0004977	0.00056057
0.08667544	0.0880487	0.08957481	0.07576235	0.08266589	0.06520238	0.05788725	0.05533944
0.02039705	0.02005792	0.02087735	0.0241524	0.03155255	0.03419386	0.03393533	0.03428862
0.10696072	0.108543	0.10993358	0.07419474	0.07088736	0.05941208	0.04260553	0.038652
0.0029573	0.00279658	0.00270559	0.00612216	0.01030786	0.01152744	0.01242022	0.01346258
0.03777696	0.03427706	0.03852813	0.04395876	0.04926115	0.05378159	0.05758001	0.06133327
0.01239727	0.01261199	0.01300988	0.0160694	0.01332423	0.05288647	0.03732826	0.02182415
0.00516897	0.00494072	0.0049195	0.00553131	0.00627679	0.00601214	0.00620027	0.00696152
0.00033966	0.00039485	0.00036351	0.00104127	0.00103997	0.00113386	0.00128644	0.0027655
0.89478817	0.83023109	0.93083016	0.93928843	0.96183304	0.96502299	1.19295004	1.43910961
0.005433	0.00622503	0.00614695	0.00830797	0.00840021	0.00843189	0.02219895	0.0094595
0.00076619	0.00051127	0.00099737	0.00128344	0.00169739	0.00151913	0.00149502	0.00153568
0.00300068	0.00313795	0.00319761	0.00325728	0.0036159	0.00377881	0.00439104	0.0044279
0.01447128	0.01564117	0.01576954	0.01774811	0.01606039	0.01178104	0.01976018	0.02211854
0.0290963	0.0337851	0.02979283	0.03301464	0.02434528	0.01609109	0.0255537	0.01286814
0.00078756	0.00080446	0.00084909	0.00676183	0.0056417	0.00792271	0.01005348	0.00827964
0.00124735	0.00197117	0.0022126	0.002503	0.0034675	0.0097599	0.0098231	0.01009026
0.0003744	0.00047883	0.00067919	0.00170531	0.00155488	0.00174091	0.00238215	0.0023242
0.00251243	0.00271643	0.00304061	0.00321377	0.0032959	0.00365185	0.00392868	0.00400712
0.00069021	0.00082662	0.00103386	0.00140738	0.0023642	0.00199634	0.00188028	0.0020629
0.10416711	0.11660106	0.13415323	0.15587032	0.16415157	0.17631026	0.17222607	0.18423969
0.00332896	0.00445102	0.0041449	0.0054033	0.00346514	0.00364076	0.00378289	0.00412646
0.00442661	0.00398629	0.00391703	0.00843744	0.00920285	0.0121912	0.01206321	0.01295932
0.00436523	0.00447117	0.00482314	0.00227445	0.00226639	0.00202958	0.00212681	0.00215108
0.12476648	0.13613516	0.13174964	0.11422413	0.15188106	0.18156093	0.15729297	0.12712688
0.01333772	0.01197625	0.00966543	0.00990995	0.01163238	0.01313152	0.01349387	0.01385602
0.22409733	0.22961709	0.23946519	0.25588926	0.27408935	0.2977295	0.32542415	0.34455636
0.11042467	0.11166082	0.11279997	0.11163595	0.11402361	0.11720638	0.12329411	0.12570025
0.00796817	0.00789432	0.00918377	0.01242126	0.01412705	0.01476615	0.0157795	0.01786801
0.06752663	0.07157389	0.07558064	0.08299117	0.08513673	0.09054444	0.09440891	0.10001809
0.01014834	0.01050012	0.01110545	0.01404824	0.01493082	0.01599745	0.01723813	0.02279498
0.45727081	0.47857644	0.51019799	0.54628615	0.54082055	0.58392328	0.64272561	0.67116051
0.01550637	0.01541596	0.01472606	0.01547459	0.01744583	0.01866628	0.0197366	0.02006501
0.08586972	0.08911688	0.07818622	0.08478311	0.08082611	0.09207912	0.09603755	0.10609379
0.13553477	0.14136762	0.15196984	0.1656073	0.16169304	0.18737024	0.20634563	0.2114069
0.00890649	0.00854966	0.00874986	0.00908064	0.00894978	0.01010649	0.01077428	0.0179418
0.0072904	0.00673761	0.00653344	0.01310733	0.01330512	0.01468649	0.01435065	0.01443436
0.33388597	0.32783842	0.31823502	0.26984414	0.25179749	0.23628635	0.23385826	0.25377226
0.01397218	0.01516719	0.0145759	0.01721554	0.01894456	0.01942487	0.01957422	0.01924724
0.05854266	0.0614449	0.0658005	0.06797136	0.05131445	0.04200596	0.03670796	0.02429863
0.08266725	0.08942502	0.09382426	0.09811034	0.10991771	0.12243887	0.13082906	0.14014451

0.02296887	0.0256511	0.02453176	0.02534394	0.02578802	0.03144361	0.03955308	0.04166075
0.00401246	0.00387351	0.00352262	0.00679825	0.0070025	0.00828662	0.00819954	0.00721941
0.01114775	0.01175546	0.01356527	0.01280804	0.01263274	0.01298218	0.01413618	0.01818721
0.00169249	0.00238911	0.00247457	0.00339569	0.00522687	0.00461377	0.00567557	0.00605415
0.05212006	0.04865683	0.08049425	0.09127517	0.08007288	0.17027911	0.15384825	0.14846964
5.2134219	5.33268775	5.42988752	4.24583667	3.95393802	3.53167041	2.74807833	1.98606167
0.00360351	0.00418156	0.00413908	0.00399456	0.00408476	0.00388054	0.00403835	0.00438052
0.41809452	0.4226692	0.39912234	0.44144276	0.44480742	0.44540568	0.48768284	0.60155084
0.0306378	0.03468273	0.033263	0.03075431	0.02196332	0.01520708	0.01801251	0.01750928
0.02500515	0.03894252	0.03435656	0.04786942	0.03986794	0.03637134	0.02378501	0.03635227
2.2229739	2.32991197	2.32923342	2.56545221	2.66505398	2.86406158	2.77557363	2.86093975
0.00770064	0.00656134	0.00781969	0.00809183	0.00890783	0.0088807	0.00862369	0.00877897
0.0450252	0.04322339	0.05377103	0.05440385	0.06738916	0.06333003	0.06040777	0.0653502
2.5356E-05	3.4855E-05	3.4574E-05	4.1826E-05	2.3498E-05	2.1708E-05	3.3252E-05	3.4895E-05
0.00058051	0.00069005	0.0006226	0.00127038	0.00130855	0.00164633	0.00162962	0.00181399
0.00166634	0.00222795	0.00207489	0.0027048	0.00378704	0.00230933	0.00227272	0.00242166
0.01490001	0.01596895	0.01544107	0.01690234	0.02020911	0.02296514	0.02485263	0.02508487
0.00190399	0.00229119	0.00229104	0.00266449	0.00210844	0.00164284	0.00170406	0.00175041
0.00010291	0.00010749	0.00014089	0.00029228	0.00027704	0.00025523	0.00014183	0.00015862
5.8434E-05	7.0301E-05	6.8412E-05	0.00016733	0.00023408	0.00019761	0.00019452	0.00024466
0.00046774	0.00054968	0.00060992	0.00169947	0.00174496	0.00167922	0.00176211	0.00171452
0.02025252	0.02165498	0.02163488	0.02709594	0.02299046	0.02467324	0.02118533	0.02462314
0.020657	0.02362617	0.02328416	0.02608683	0.02430462	0.02729632	0.03110304	0.03405414
0.22772997	0.23839791	0.24522048	0.22741271	0.22981733	0.239073	0.23126185	0.24078505
0.00359707	0.00382981	0.00416147	0.004393	0.00468298	0.00441129	0.00446549	0.00469198
0.0005567	0.00099446	0.00100643	0.00115979	0.00173579	0.00145621	0.00147683	0.00151699
0.05091117	0.04855377	0.05917874	0.06415785	0.06548944	0.05860373	0.06408831	0.07415549
5.8419E-06	6.172E-06	6.2924E-06	1.4445E-05	1.5896E-05	1.6299E-05	1.6424E-05	1.6149E-05
0.00044915	0.00032199	0.00034453	0.00092925	0.00120837	0.00102035	0.00048024	0.00053815
0.00511157	0.00466119	0.0047931	0.00437249	0.00339016	0.00258257	0.00164337	0.0031901
0.21942819	0.28494545	0.35347946	0.39877028	0.40761325	0.43100009	0.49533098	0.53648803
0.00331543	0.0033368	0.00341783	0.00474649	0.00469468	0.00233855	0.00186724	0.00125132
0.03424696	0.03553491	0.03662893	0.05650104	0.03523439	0.03399405	0.03179718	0.02759284

0.00025521	0.00031601	0.00035048	0.00071512	0.0007528	0.00090626	0.00089724	0.00135428
0.01704007	0.01136818	0.01033827	0.01109866	0.01305931	0.01249524	0.01138819	0.01352912
0.03513077	0.03544364	0.0315996	0.03057025	0.02827947	0.02826821	0.03137933	0.03186781
0.21199856	0.21715942	0.2267313	0.21935128	0.20718462	0.21407244	0.24619927	0.24680475
0.18772342	0.20600705	0.22062885	0.23356133	0.39969953	0.44774507	0.47241942	0.4802888
0.00729523	0.00729312	0.00731254	0.00744393	0.00724922	0.00705193	0.0072718	0.00749948
0.00558549	0.00594855	0.00553063	0.00620913	0.00671745	0.00628455	0.00603788	0.00546267
0.94016313	0.96169571	0.98042908	0.96000235	1.06338963	0.60238801	0.5063731	0.41455065
0.01865043	0.01957768	0.01865111	0.0188026	0.02136238	0.02359521	0.0270642	0.02953442
16.1925074	16.822669	16.9534837	16.6850069	15.9968703	16.3810388	16.1556785	17.5963286
0.03671392	0.036973	0.03782773	0.05006711	0.04478887	0.03496252	0.030627	0.02766073
1.6615E-05	2.0697E-05	3.4294E-05	8.2685E-05	8.6632E-05	0.00010711	8.9511E-05	0.00016013
0.26275553	0.27100961	0.24531154	0.25358232	0.28584401	0.2796925	0.29750493	0.28976029
2.1096E-05	2.2284E-05	2.2722E-05	5.2161E-05	5.74E-05	5.8846E-05	5.9308E-05	5.8317E-05
0.04188432	0.04384456	0.04316479	0.04876856	0.04556248	0.04904192	0.08289245	0.08800015
0.00039117	0.00050262	0.00039976	0.00081569	0.00075506	0.0004826	0.00047766	0.0005317
0.00042417	0.00041616	0.00048258	0.00098467	0.00101426	0.00113472	0.00126312	0.00140602

0.03277335	0.03328533	0.03475543	0.03498761	0.04421293	0.04431576	0.03734034	0.04530526
0.28552423	0.29591623	0.30170046	0.30767241	0.31005838	0.32202656	0.38103982	0.39376328
0.01510035	0.0170854	0.01535859	0.01568724	0.01956627	0.01831142	0.01288462	0.01574558
0.04133305	0.04580801	0.04564207	0.04009818	0.01799168	0.03570856	0.03020858	0.02990565
0.00066585	0.00069037	0.00070691	0.00069787	0.0007008	0.00071552	0.0007035	0.00073961
0.10973639	0.11278458	0.11583285	0.12110303	0.12192932	0.12679425	0.13637129	0.14333549
0.06954644	0.06961786	0.06973362	0.06514244	0.06523919	0.06756654	0.07169256	0.07615964
0.08474271	0.08893015	0.09089243	0.08876566	0.09139062	0.09386115	0.09391778	0.09411351
0.00096216	0.00090559	0.00090209	0.00085987	0.00090837	0.00096669	0.00102186	0.00103966
0.03111673	0.0323164	0.03350936	0.03436603	0.03693928	0.0404402	0.04287873	0.04548256
0.5423118	0.53375524	0.53032574	0.52137654	0.54543017	0.56581269	0.57762121	0.57941756
0.0361542	0.03671182	0.03704891	0.03794398	0.0346561	0.03586902	0.03437967	0.035217
0.00082303	0.00084071	0.0008511	0.00083869	0.00081423	0.00089122	0.00083542	0.00085708
0.32900002	0.33282838	0.33663349	0.33765288	0.3499608	0.36853315	0.38820103	0.40865394
0.15036879	0.14956853	0.15276233	0.15763442	0.15955516	0.16636626	0.17403277	0.18437962
0.08208566	0.08335547	0.08466424	0.08362425	0.08250825	0.08281181	0.08133559	0.0799208
0.03831398	0.03820903	0.03396421	0.04027616	0.04116073	0.04195722	0.04120758	0.03665166
0.1688759	0.16906259	0.16930301	0.17097535	0.17281688	0.178871	0.18015766	0.17573983
0.03572106	0.03689996	0.04120799	0.04344086	0.04589119	0.04685911	0.04945107	0.0512716
0.09149159	0.09280127	0.09559191	0.09873829	0.1044446	0.10914867	0.11184017	0.1149324
0.73032259	0.74704617	0.76416909	0.79895007	0.79987204	0.82039993	0.81731066	0.85452955
0.15340935	0.15389456	0.15282645	0.13723521	0.13169969	0.12922381	0.12743027	0.12314095
0.00527944	0.00547866	0.00567789	0.00587711	0.00607633	0.00627556	0.00647478	0.00667401
0.00340666	0.0035905	0.00352676	0.00363216	0.00352556	0.00337124	0.00334452	0.00372636
0.14131732	0.14236246	0.14331006	0.13686857	0.13846947	0.13575422	0.13408337	0.13202399
0.17953657	0.18058184	0.18145214	0.16698683	0.17226785	0.16918667	0.16841862	0.16627535
0.00603379	0.00614742	0.00616162	0.00631065	0.00641186	0.00653795	0.00662321	0.00670543
0.00216747	0.00215757	0.00213436	0.00212256	0.00213583	0.00215138	0.00215066	0.00213124
0.05577958	0.05394141	0.05728916	0.05984045	0.06220215	0.06361601	0.06592672	0.06724418
1.56236698	1.54498557	1.6213475	1.72124464	1.80167412	1.86206046	1.93936169	2.05027928
0.00377914	0.00367388	0.00388536	0.00391944	0.00371459	0.00360572	0.00360831	0.00366514
0.00340997	0.00350903	0.003736	0.00367101	0.00378015	0.00412805	0.00437582	0.00469099
9.5203E-06	1.0314E-05	1.1059E-05	1.1697E-05	1.229E-05	1.2744E-05	1.3119E-05	1.3522E-05
0.01341604	0.01423235	0.01441906	0.01569327	0.01591392	0.01641098	0.0168133	0.01776273
0.01830788	0.01870674	0.01963127	0.02014627	0.02115129	0.02176001	0.02227454	0.02340074
0.51273902	0.5046127	0.50977093	0.5193244	0.54440332	0.57357607	0.59953456	0.63453119
0.12863565	0.12617939	0.12707645	0.12979909	0.13213031	0.13377631	0.13339825	0.13484325
0.55298931	0.56308078	0.5777819	0.58872841	0.60407973	0.62003448	0.63517006	0.64856842
12.1604781	12.5629377	12.7684862	12.9392843	13.5430397	14.3767929	15.1307923	15.9189014
0.10281722	0.11072746	0.10639661	0.11191575	0.11381031	0.11597267	0.11741167	0.121361
0.09260925	0.09539127	0.10018827	0.09892366	0.1018737	0.10516411	0.10792851	0.11328996
0.16203391	0.16701418	0.1724379	0.17813336	0.17938799	0.18667348	0.1942381	0.19529503
0.01729837	0.01786601	0.01800115	0.0183618	0.01967117	0.0198248	0.01899737	0.01817298
0.71294606	0.73627065	0.76607439	0.78461833	0.80247304	0.83322222	0.86246267	0.89300459
0.00202449	0.00208332	0.0023631	0.00248761	0.00255948	0.00257335	0.00270923	0.00278762
0.00374559	0.00362922	0.00360878	0.00348172	0.00362249	0.0036674	0.00357404	0.00361099
0.06131638	0.06251998	0.06726828	0.06907759	0.07149789	0.0740994	0.0782499	0.08092696
0.13982374	0.14145923	0.14304118	0.13910649	0.12955963	0.12716919	0.12409347	0.12844305



0.01135174	0.01143322	0.01200072	0.01152604	0.01189198	0.01230986	0.0125421	0.01280915
0.2066867	0.21013971	0.21189049	0.22100373	0.18792156	0.17985257	0.18486654	0.18688802
1.36016183	1.37917774	1.36100397	1.34292816	1.3873301	1.42133955	1.44851891	1.59368134
0.00366873	0.0040392	0.00412631	0.00383786	0.00377919	0.00399638	0.00416961	0.00423917
0.00086843	0.00090019	0.00092171	0.00091511	0.00091411	0.00094228	0.00097843	0.00101676
0.11483841	0.1166124	0.11667269	0.11674867	0.11985372	0.12318011	0.12691879	0.13014669
0.05370267	0.0569671	0.05800936	0.0565122	0.05885481	0.06016759	0.06242501	0.06358668
0.29881544	0.31101885	0.32340776	0.32741108	0.33999969	0.35356545	0.36049353	0.36326209
0.08099745	0.08956242	0.08507004	0.08531937	0.08912988	0.09507944	0.09887	0.10486464
0.80865185	0.83704066	0.84679625	0.88234247	0.90234704	0.93357958	0.96989579	1.00896008
0.01473701	0.01580407	0.01551256	0.01577391	0.0165581	0.01622004	0.01616972	0.01791057
0.00273106	0.00276616	0.00280127	0.00283637	0.00287148	0.00290658	0.00294168	0.00297679
1.11375257	1.1260948	1.13775671	1.15605525	1.09656598	1.11521149	1.07676965	1.06341855
0.02718168	0.02746042	0.02761038	0.02765184	0.02582957	0.02600649	0.02515301	0.02470879
0.29428102	0.31686891	0.31398321	0.33852539	0.34983152	0.37225433	0.38472999	0.41684577
0.08910653	0.09409838	0.09585443	0.09438322	0.09457933	0.09592181	0.09744788	0.10079047
0.0076139	0.00786839	0.00812822	0.00840887	0.00861086	0.00886574	0.00909237	0.0089644
			2.5486E-07	2.5486E-07	2.5486E-07	2.5486E-07	2.5486E-07
1.30497259	1.31893961	1.32356142	1.34715559	1.35713232	1.35153427	1.35668836	1.37184528
0.00018691	0.00018562	0.00018389	0.00018135	0.00017729	0.00017271	0.00016763	0.00016299
0.01125179	0.01162634	0.01120426	0.01150618	0.01247508	0.01267827	0.01315371	0.0135021
0.94704937	0.96779329	0.95069527	0.95295593	0.97228458	1.00196494	1.0146066	1.02497633
0.0469386	0.04735348	0.04756466	0.05296989	0.04440738	0.04930979	0.05271453	0.0586425
0.10097862	0.10163392	0.10453311	0.10751262	0.11552554	0.12426151	0.1273535	0.13348314
5.1415E-05	5.0226E-05	4.905E-05	4.8079E-05	4.8059E-05	4.7271E-05	4.6665E-05	4.5874E-05
0.04538764	0.04772262	0.04921034	0.05449905	0.05644198	0.06001246	0.0622345	0.06428615
9.1224E-06	9.3177E-06	9.5024E-06	9.6711E-06	9.8037E-06	9.9168E-06	1.0019E-05	1.0125E-05
0.00722823	0.00766292	0.00781081	0.00843386	0.00857567	0.00870846	0.00876951	0.00901592
0.00758214	0.0076126	0.0078247	0.00812627	0.00849146	0.00852271	0.0088807	0.00888721
0.00184647	0.00189809	0.00194972	0.00200135	0.00205298	0.0021046	0.00215623	0.00220786
0.18301219	0.18202325	0.1913166	0.19080061	0.19241248	0.19487656	0.19819573	0.20026753
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0.00102462	0.00103921	0.00105357	0.00106791	0.0010828	0.00109745	0.00111188	0.00112629
0.08891951	0.09097366	0.08556525	0.09046559	0.09270305	0.09527625	0.09739689	0.09983141
0.00237789	0.0023922	0.0024064	0.00242026	0.00243351	0.00244617	0.00245888	0.00247158
0.00769551	0.00763604	0.00758436	0.00748252	0.00793398	0.00831857	0.00844322	0.00860382
0.10462466	0.10454799	0.10441276	0.10424256	0.10412294	0.10411757	0.10426417	0.10449987
0.04235812	0.04525896	0.0474933	0.04989772	0.05136465	0.05384497	0.0561122	0.05946737
0.04962292	0.04872348	0.04880838	0.05011912	0.04821939	0.04841195	0.04942802	0.05069841
0.05447101	0.05235705	0.05118979	0.05211648	0.05191058	0.05306263	0.0526416	0.05362617
0.18644238	0.18392872	0.18491376	0.1726926	0.16725087	0.16239112	0.15501701	0.14804681
1.32464151	1.42378912	1.44897615	1.5447089	1.60364357	1.69936968	1.75585178	1.81755073
7.80940521	7.97697114	8.56702245	8.45441214	8.78074998	8.98524156	9.14402901	9.32735594
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0.65151852	0.69982227	0.71108922	0.74298206	0.78667683	0.81030104	0.80791501	0.81754411
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0.00614225	0.00590377	0.0059956	0.00596007	0.00603642	0.00620227	0.006222	0.00612789
0.27660208	0.28489834	0.29011814	0.29879576	0.30890386	0.32204107	0.3342023	0.346856
1.07938464	1.08870363	1.08906369	1.13807149	1.14380457	1.13386296	1.12236091	1.13962298
0.03074955	0.02866547	0.02925761	0.02726766	0.02786788	0.02857996	0.02916607	0.02943549
0.03635689	0.03808015	0.03646281	0.04158264	0.04381411	0.04522702	0.04767318	0.04935902

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0.20910375	0.21656005	0.22029311	0.21972414	0.21900301	0.23101295	0.24634038	0.26271599
0.05780556	0.05892454	0.05993066	0.05953587	0.05794763	0.05931849	0.05955977	0.06079589
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0.01809061	0.01726257	0.01783174	0.01406883	0.01347695	0.01292908	0.0124163	0.01283322
0.04277789	0.04390664	0.04609064	0.0465739	0.04706017	0.04689385	0.04786425	0.04881862
0.00166102	0.00169023	0.00185583	0.00186724	0.00203447	0.00203635	0.0021323	0.00222985
0.13298992	0.13517108	0.13170323	0.13949049	0.14117997	0.14318795	0.14730926	0.15173144
0.01673202	0.01750761	0.0177594	0.0176351	0.01797031	0.01837885	0.01841077	0.01875496
0.05856806	0.05914381	0.05959898	0.06207618	0.05655995	0.05848614	0.05689278	0.05892827
0.00671724	0.00673571	0.0067627	0.00685315	0.0069758	0.00716294	0.00724498	0.00750143
0.06243434	0.06297285	0.06331875	0.06183457	0.06011265	0.05956574	0.05667829	0.05276257
4.1797E-05	4.3326E-05	4.511E-05	4.6639E-05	4.8168E-05	5.1226E-05	5.2755E-05	5.403E-05
0.30554344	0.32357902	0.32252936	0.35369225	0.34750738	0.34607555	0.35116076	0.36593666
0.05118587	0.0515673	0.05186936	0.05202721	0.04919842	0.05006054	0.04839373	0.04750508
0.10037635	0.09745544	0.10028611	0.09899887	0.1020308	0.10340586	0.10421543	0.10530816
0.00356526	0.00396862	0.00359513	0.00320069	0.00356249	0.00394688	0.00403997	0.00409827
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0.00616976	0.00632006	0.00658645	0.00662599	0.00680185	0.00675328	0.00685294	0.00808247
0.31183346	0.31745549	0.30472614	0.29983872	0.31114073	0.31595668	0.32621138	0.33014628
0.02345252	0.02453793	0.02457674	0.02746603	0.02714218	0.0263993	0.02693622	0.02790519
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0.4079137	0.40852402	0.40114534	0.41609423	0.40771875	0.40764548	0.41672905	0.41855446
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0.16825307	0.18892497	0.18989758	0.2134521	0.21187959	0.21009564	0.2184389	0.23662711
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0.04341748	0.04483715	0.04800561	0.05242403	0.05401955	0.05399184	0.05455433	0.05615252
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0.03247104	0.03198736	0.03209547	0.02769953	0.03174711	0.03078333	0.03298188	0.03456453
0.14069868	0.14289556	0.1467021	0.14019986	0.14511096	0.15038958	0.15040802	0.15081919
0.0079133	0.00810399	0.00840835	0.00836924	0.0086071	0.00883203	0.00898521	0.00900188
0.0003206	0.00035614	0.00035416	0.00037316	0.00038886	0.00039544	0.00039732	0.00042819
0.13925656	0.14600477	0.14304759	0.14568116	0.14580012	0.15213524	0.14983676	0.15631591

0.04202533	0.04701082	0.046575	0.05281557	0.05452813	0.05857609	0.06031526	0.0634395
0.02656519	0.02859586	0.030094	0.02921888	0.02999096	0.03216489	0.03354237	0.03505892
0.48227271	0.50903106	0.50728717	0.51696057	0.54213931	0.55849677	0.57154372	0.5961208
0.04573664	0.04719609	0.0485795	0.04961642	0.04802451	0.05002157	0.0488513	0.04769004
0.04449508	0.04562358	0.04682492	0.04601235	0.04669042	0.04817886	0.049408	0.05069019
0.00597408	0.00618716	0.00623451	0.0068235	0.00705028	0.007328	0.0075624	0.00748571

0.01424978	0.0125823	0.01205786	0.01272768	0.0123998	0.01209535	0.01233828	0.01239704
0.10983929	0.1124009	0.11354223	0.11708464	0.12112255	0.12268892	0.12493791	0.12738038
0.93854758	0.94632926	0.94434274	0.99979312	1.00729282	1.02634067	1.03976395	1.05603445
0.33947466	0.33927516	0.33908758	0.33894492	0.33938538	0.33979077	0.33946751	0.34048602
0.22897855	0.21073321	0.24441784	0.23442355	0.23784794	0.24662978	0.25426947	0.25762368
0.11530725	0.12993294	0.14277155	0.15119808	0.15030896	0.15573627	0.15717217	0.15558058
0.82022745	0.82337845	0.82602099	0.82618698	0.78230261	0.79120917	0.75220355	0.73115577
0.04253741	0.04176591	0.04046421	0.0428438	0.04471996	0.04622733	0.04644269	0.04785717
5.3453374	5.39158479	5.43926038	5.54123138	5.68523387	5.84556108	6.0436114	6.21661402
0.26357386	0.27000607	0.27651982	0.27450539	0.27357928	0.28375633	0.28508314	0.28688948
0.00110315	0.0010955	0.00106841	0.00108561	0.00112478	0.00112988	0.00114595	0.00114634
0.20789323	0.23003002	0.19187099	0.21091176	0.21931336	0.22497008	0.2293779	0.23074348

0.4810632	0.49215821	0.5033525	0.5034199	0.52588373	0.56225003	0.59628757	0.60753346
0.00145495	0.00139613	0.00135932	0.00147152	0.00148791	0.00153615	0.00157707	0.00164791
0.00190546	0.00188983	0.00190183	0.00188815	0.00187474	0.00186924	0.00185466	0.00190045
0.10337322	0.11497473	0.11963998	0.11203227	0.11774707	0.12439769	0.13064345	0.13461167
0.42102434	0.42359365	0.42058307	0.45539328	0.46651883	0.47964214	0.49037142	0.49520914
0.06712587	0.06931053	0.07009154	0.07082381	0.07132342	0.0748015	0.07648508	0.07994312
0.08109191	0.08728744	0.09020249	0.08780278	0.08833509	0.08884328	0.08862441	0.09036129

17.4033046	18.0329472	17.4322829	13.9533991	12.0124966	9.98958852	10.8176465	11.4334422
864.923009	812.591459	737.147874	697.121086	726.521468	675.530922	683.763305	644.063408
213.160029	214.223155	225.743524	214.420267	213.983288	201.180946	206.200753	213.857051
756.292638	763.950691	764.381287	668.574842	606.073866	550.117131	530.709518	546.869446
1288.78878	1282.91346	1331.45419	1324.21189	1318.78165	1288.8938	1233.12076	1225.27711
251.376539	260.805109	258.353478	243.364759	224.043617	213.792311	204.240556	212.15354
568.428403	600.644806	625.215039	642.63795	651.027376	668.946825	674.029473	678.649494
5.2966762	5.34229624	5.38274108	5.41697382	5.23776268	5.48670851	5.19440005	5.07063994
334.734545	332.975775	333.286569	331.867592	318.810937	301.875012	287.947299	281.021144
26.7618091	25.6789797	23.8386452	20.8776727	21.1220369	19.0489048	20.0309405	18.2380079
192.252532	184.754165	174.463373	153.621841	142.6954	138.259631	129.399096	125.425197
1.24730263	1.27566272	1.30629843	1.27447827	1.17182707	1.11357993	1.09596937	1.12808637
0.63324764	0.64668647	0.67855864	0.68543789	0.70774223	0.74260305	0.75096272	0.76854385
0.800916	0.83440275	0.83369945	0.8208917	0.76651001	0.68762972	0.68768099	0.69802628
5.18791052	5.37825215	5.48869416	5.64202227	5.52443133	5.52535091	5.37033046	5.19469273
200.478155	200.551622	199.255207	199.554203	201.400651	199.481428	199.500918	200.235433
48.5170461	50.6586329	51.724081	50.5739759	50.8301848	51.4648662	55.6284612	61.5430352
182.817662	184.919557	183.344427	172.610412	161.951975	152.038502	149.564803	148.308322
7.73463087	7.92490996	8.01579222	7.82906081	7.60585945	7.44622356	7.54565558	7.33071395
0.21372266	0.2138303	0.21491848	0.20906257	0.21491903	0.23030004	0.24762018	0.25600635
1.96943146	1.99369533	2.02456622	1.88457873	1.72142477	1.62078617	1.56985984	1.60054901
6.87622999	7.60582397	8.31223589	9.31936151	9.66264165	9.44151834	9.66295982	10.3489915
121.900428	114.596586	108.312219	95.5242995	97.2030979	97.1213437	94.7074232	98.1747629
6.37911414	6.62375825	6.78329348	6.88802025	7.1246828	7.43035777	7.61101947	7.74594921
8.23538539	8.32128063	8.3201754	8.40008171	8.3838448	8.48356012	8.55137276	8.80127181

92.0284025	96.232497	94.8772968	92.4086765	90.3455895	80.9888777	79.9606545	83.8056279
3469.36938	3540.22565	3473.31119	3349.92927	3375.93372	3184.8841	3258.20804	3147.76537
1592.06075	1667.37839	1716.66512	1714.64353	1726.78633	1699.35917	1689.71377	1777.51986
3922.41392	4037.62381	4011.04998	3957.00353	3880.2897	3747.09796	3697.12546	3714.11839
6773.72168	7010.51535	7305.6869	7643.94859	7790.72301	7928.6035	7947.75005	8025.6354
1204.07774	1263.33761	1276.0026	1293.20415	1278.45627	1295.46563	1314.81033	1371.84256
4160.61622	4358.53589	4482.34967	4618.52749	4656.31373	4762.05792	4803.83683	4900.87413
10.3466624	10.4753887	10.5987117	10.7350295	10.6748582	11.273467	11.4715258	11.7138115
3894.68037	3930.08755	3987.79322	3994.00735	3963.53715	3952.54526	3908.60368	3919.93053
308.230027	312.562269	313.291995	308.990783	308.770671	302.957456	305.473696	299.211842
2090.60495	2181.17463	2265.41631	2247.32991	2175.46637	2183.28344	2175.57047	2218.25385
11.9031991	12.2204388	11.0414882	10.9359187	10.7627639	10.7679797	10.7050462	11.0158703
2.84765001	2.99189308	4.29922558	4.81325292	4.94395307	5.18296994	5.20389137	5.43482162
3.86240468	3.99926739	4.05738046	4.13843155	3.99391713	3.79154535	4.11023376	4.38767271
31.3892159	32.5228377	33.4771619	34.3174314	34.5786577	34.8434615	35.0019499	35.3880394
1158.54326	1171.49712	1185.32687	1194.97609	1211.089	1224.68869	1232.13613	1244.50228

296.247638	316.485662	325.048266	367.87697	380.528862	386.465335	397.916931	424.967865
1257.25647	1284.27715	1300.63136	1309.01787	1298.65245	1291.23812	1289.87681	1305.54087
65.9235287	67.3258451	67.9727303	66.3534443	66.8439968	66.6884107	66.2533933	66.7227064
3.55737832	3.73711379	3.93773232	3.95717868	4.09321509	4.10181296	4.17456027	4.40409557
15.8220427	16.1349521	14.4243544	14.5194718	14.4991141	14.5718832	14.343227	14.7287454
26.9473739	28.981066	32.8362323	37.5886883	40.8200999	42.3438751	44.1818846	46.7925227
380.049331	369.881702	361.345429	326.698823	327.345421	329.729829	327.876648	335.028762
50.4693311	52.4485998	53.780495	53.191706	54.4771186	57.2474872	57.2890907	60.5861987
63.5737964	64.9657211	66.37028	67.1144338	68.7813312	71.0665335	72.9053025	75.1247901

1995	1996	1997	1998	1999	2000	2001	2002
	0.00785714	0.00785714	0.00864286	0.00785714	0.00785714	0.03802857	0.03268571
0.02828571	0.0154	0.01063333	0.0387619	0.01183809	0.01655238	0.02241905	0.0517
0.54339994	0.82321895	0.78697134	0.67744278	0.73354278	0.76214277	0.86899989	0.8453237
0.04264777	0.03848899	0.02514286	0.03017143	0.01917143	0.022	0.01571429	0.01382857
0.8184523	0.99041894	1.09329512	1.21838081	1.41952363	1.25295224	1.37709508	1.68242364
0.01204762	0.01204762	0.01204762	0.01204762	0.01361905	0.01204762	0.01204762	0.01204762
0.03198583	0.02886674	0.02574766	0.03127143	0.04258571	0.0066	0.03095714	0.05201429
0.03247619	0.03247619	0.03247619	0.03038095	0.0277619	0.04347619	0.04766667	0.05395238
1.49175687	1.57425686	1.38573785	1.3998807	1.63077591	1.58415686	1.69871399	1.67032352
0.34885714	0.43528571	0.36425714	0.31271428	0.23162857	0.40747142	0.41485714	0.36582857
			0.00628571	0.01571428	0.02168571	0.01037143	0.0132
2.95187602	3.32000934	3.75162835	3.89164261	4.07686162	5.35307113	4.66316168	4.80239023
1.81934744	1.98314267	2.11833789	2.03767125	2.09728075	2.07978552	2.10649981	2.24321408
0.03614285	0.04242857	0.03614285	0.03457142	0.03142857	0.04242857	0.033	0.02671428
0.34571424	0.37216663	0.36247615	0.38761901	0.36834281	0.31585709	0.32539043	0.33209519
23.6122825	24.6342347	23.2466633	23.7940442	25.4477105	24.1277106	24.6965676	31.1268527
0.03928571	0.05657142	0.08642856	0.07542856	0.04871428	0.05499999	0.04179999	0.08737142
0.022	0.02671428	0.02058571	0.02189524	0.04541428	0.02875714	0.05447619	0.03247619
0.37033329	0.32790472	0.3342952	0.39008091	0.41569519	0.45508566	0.42669519	0.43004757
0.08957142	0.12587142	0.14142856	0.13985713	0.10999999	0.11942856	0.08485713	0.06285713
0.24566665	0.27133332	0.32633332	0.28547618	0.19889047	0.22083809	0.09114284	0.05814285
0.01524286	0.01681429	0.01162857	0.01304286	0.01367143	0.01068571	0.01021429	0.00958571
0.17479523	0.2559857	0.21240475	0.23304285	0.19585237	0.28856666	0.3008238	0.27206666
0.45833327	0.29307138	0.30847137	0.34068565	0.36362851	0.45885706	0.4447142	0.44785706
0.06966667	0.09480952	0.11209524	0.11523809	0.11523809	0.12833333	0.09480952	0.06966667
0.1545238	0.17599999	0.18380475	0.16919047	0.16211904	0.1333619	0.18479999	0.17537142
0.01917143	0.02985714	0.03142857	0.0902	0.08412381	0.07815238	0.07815238	0.11408571
0.10057142	0.11314284	0.16196189	0.14891903	0.12780951	0.11665237	0.17327617	0.21266664
2.6242856	2.46918558	2.37285703	2.51114271	2.31502842	2.61328555	2.74842838	2.65194266
1.51957137	1.57876184	1.39647611	1.45828563	1.51485706	1.44885705	1.44833325	1.44257135
0.05908493	0.05332329	0.04489047	0.05395238	0.04420952	0.05143809	0.05809047	0.05950476
0.08967619	0.14703332	0.10088571	0.13613808	0.14347142	0.13681903	0.19433331	0.15399999
	0.00209524	0.00995238		0.00157143	0.00157143	0.00157143	0.00157143
3.74078566	3.87357137	4.00588565	3.86445708	4.14087135	3.66645709	3.85487136	3.75833327
2.01299998	2.42523807	2.17014283	2.16961903	2.37076187	2.08476187	2.24923805	1.94647615
0.46828571	0.54214286	0.49028571	0.37609524	0.374	0.37190476	0.33942857	0.33
0.29699999	0.27657142	0.30642855	0.29857142	0.31271427	0.25614283	0.20962855	0.16185713
0.05342856	0.06631428	0.10999998	0.05342856	0.05814285	0.07275713	0.05798571	0.08391427
0.61327618	0.77759523	0.72741427	0.7036857	0.75056666	0.77942856	0.8092857	0.76057142
3.50585665	3.85707087	3.26228528	3.75152325	3.57379474	3.55886615	3.5691852	3.99404704
15.0085548	15.9662356	16.9928498	17.6746402	18.1477449	16.884788	17.4263021	16.0440738
0.09271427	0.08485713	0.09742855	0.10842855	0.10057141	0.10214284	0.09114284	0.09114284
1.15253797	1.25195699	1.4849998	1.58452361	1.43083789	1.54062837	1.4957379	1.49002837
0.36666661	0.3991428	0.40375232	0.42156185	0.41841898	0.40312375	0.39249041	0.6901713
0.00251429	0.0022	0.00314286	0.00157143	0.00314286			
0.09114285	0.07228571	0.06757143	0.07071428	0.07385714	0.06128571	0.06741428	0.06882856
1.13666657	1.20580942	1.171238	1.2545237	1.28228559	1.21419036	1.21942846	1.18538084
0.00733333	0.00419048	0.02262857	0.02933333	0.03389047	0.02131905	0.02131905	0.00869524

1.20308568	1.17401426	1.13299997	1.0839714	1.08679997	1.04719997	1.0795714	1.15028567
0.05508671	0.04971495	0.04434319	0.03897143	0.088	0.088	0.12257143	0.14142857
0.02723809	0.066	0.05866666	0.06914285	0.07375238	0.0869	0.08401904	0.07301904
0.1212796	0.10945307	0.09762653	0.0866381	0.08401905	0.08705714	0.022	0.022
0.3441428	0.33628566	0.43214279	0.34571423	0.31239995	0.29841424	0.31962852	0.21025711
0.00157143	0.00314286	0.00188571	0.00157143	0.00172857	0.0011	0.00377143	0.00157143
0.09428571	0.066	0.07050476	0.06840952	0.06249048	0.06615714	0.06856666	0.05599524
0.05573333	0.03205714	0.05028571	0.04923809	0.06814761	0.04389523	0.06338095	0.04766666
0.27515712	0.2919714	0.27358568	0.30265711	0.3389571	0.33282853	0.31679996	0.32528567
0.04442476	0.04190476	0.05761905	0.04777143	0.08129524	0.06594762	0.0946	0.08559047
0.31748094	0.2614857	0.36902379	0.37295236	0.43413331	0.46268093	0.47247617	0.47823808
2.80238083	3.36652369	3.26804749	3.44719031	3.21514269	3.2874284	3.46185697	2.64324746
0.05358571	0.06757143	0.05782857	0.03991428	0.03535714	0.03032857	0.01571428	0.02168571
0.17065711	0.18527139	0.20491425	0.20852853	0.19249997	0.2553571	0.11628569	0.19689996
	0.01152381	0.00817143				0.0066	0.01257143
0.57147618	0.64009522	0.83495236	1.04866663	1.06312378	1.04803806	0.99806663	1.0941333
0.03142857	0.04242856	0.05075713	0.10790475	0.13776188	0.12932855	0.2152333	0.10397617
0.03980952	0.04630476	0.0396	0.0376619	0.04043809	0.0299619	0.02304762	0.02283809
0.04085714	0.04714286	0.04085714	0.03247619	0.03090476	0.04871428	0.03823809	0.02671429
0.00314286	0.00314286	0.00314286	0.00314286	0.00628571	0.00942857	0.01257143	0.00942857
0.11419046	0.12299046	0.1289095	0.14394284	0.10507618	0.08889046	0.08621904	0.09093332
0.36279045	0.30957141	0.3387476	0.3480714	0.31742853	0.44120471	0.5105047	0.58310469
2.98168047	3.00687571	3.1545376	3.09571377	3.32362328	3.39685185	3.46400421	3.51910896
0.26101426	0.28914283	0.33565712	0.33141425	0.3188952	0.36085234	0.37578091	0.38751424
0.6641904	0.8965523	1.11042371	0.71688564	0.96454277	0.98497134	0.93248562	0.90330944
1.84171423	1.94542852	1.91682851	1.27537136	1.34545706	1.71793803	1.70049518	1.43733328
0.2152857	0.13105712	0.25189996	0.21423806	0.22471425	0.27028569	0.22534282	0.22125711
0.08380952	0.07280952	0.06338095	0.06233333	0.05919047	0.05395238	0.05238095	0.05238095
0.00942857	0.00188571	0.00188571	0.00078571	0.00125714	0.00078571	0.00141429	0.00157143
0.34885713	0.38342856	0.38499999	0.52485713	0.34885713	0.46514283	0.45649998	0.40071427
				2.24703807	2.20366664	2.31340474	1.88257141
0.22995235	0.26609521	0.32528567	0.25928568	0.29720949	0.34257139	0.3708571	0.36928567
0.02828571	0.12791427	0.12822856	0.13985713	0.10827142	0.11879999	0.20947139	0.17835712
0.04981428	0.12068569	0.10842855	0.04117142	0.04321428	0.08532857	0.11125712	0.08894284
0.00031429	0.0055	0.01382857	0.01697143	0.0297	0.02922857	0.01162857	0.04808571
0.154	0.17442856	0.28395714	0.20114285	0.20318571	0.18417142	0.18977619	0.14368095
0.09837143	0.07071428	0.07542857	0.07495714	0.05358571	0.06002857	0.06180952	0.07013809
0.02121428	0.00062857	0.01178571	0.04541428	0.05311428	0.05814285	0.05358571	0.06364285
0.09480952	0.099	0.09166667	0.09009524	0.05971429	0.05028571	0.08380952	0.07542857
0.5075714	0.47053806	0.4203571	0.3240809	0.43449995	0.47347139	0.27185711	0.30894281
1.20999993	1.34461897	1.47766657	2.07271415	2.25002363	1.74706173	2.05621411	2.10372361
0.09817873	0.08860486	0.10408095	0.08009047	0.02687143	0.03221428	0.03017143	0.04871428
		0.49971429	0.17914286	0.22691429	0.25268571	0.25017142	0.29071428
0.00314286	0.00785714	0.00785714	0.00722857	0.00722857	0.00785714	0.00785714	0.00314286
0.1152381	0.15504762	0.15347619	0.18773333	0.1927619	0.1826	0.16238095	0.1592381
1.16757135	1.26405705	1.41276657	1.75701417	2.01991415	1.66822846	1.60044752	1.74936657
0.73291424	0.74642853	0.31585709	0.52014281	0.59085711	0.63642854	0.5441857	0.51872855

0.022	0.04295238	0.04494285	0.03760952	0.02744762	0.02928095	0.02456666	0.02048095
0.03771428	0.0885238	0.08485714	0.10177618	0.07459047	0.06505714	0.07039999	0.07060952
4.9756662	4.95612812	5.28052328	5.25820897	5.26512325	5.39267083	5.64064223	5.75849935
0.27919044	0.28914282	0.28432378	0.24540474	0.17285712	0.23152378	0.24252378	0.31952377
1.26259028	1.56330929	1.41753313	1.97947593	1.9655426	2.182714	1.88152359	2.28684737
0.19957141	0.2488095	0.25719045	0.31376187	0.31690473	0.31260949	0.30538092	0.42428567
0.04352857	0.03928571	0.04509999	0.01492857	0.01995714	0.00942857	0.00754286	0.01241428
0.154	0.20428571	0.198	0.20114285	0.19485714	0.20051429	0.187	0.15714286
0.02783124	0.01733239	0.02826706	0.02864472	0.02853398	0.0174595	0.01755815	0.01775011
0.09788817	0.08486611	0.08832408	0.08229293	0.08312461	0.03442072	0.03886735	0.02996694
0.66695905	0.91061545	0.91134265	1.01360006	1.2599618	1.04958195	1.17496387	1.20120211
2.8093E-05	2.8646E-05	3.8911E-05	2.7463E-05	3.3306E-05	2.5996E-05	2.633E-05	2.5515E-05
0.3251694	0.45437039	0.37595662	0.29168327	0.75338939	0.76794876	0.80093346	1.17380951
0.27172191	0.28382508	0.16713928	0.1701238	0.17310858	0.17609311	0.17907789	0.18206241
0.28652448	0.24772429	0.26264744	0.26264744	0.2686167	0.32234004	0.46858691	0.11640057
25.7109376	26.0308739	25.9618284	25.8883233	27.2802274	28.1259291	26.896195	26.0160284
1.35750519	0.35942423	0.43985717	0.45639379	0.3773721	0.5281458	0.5515952	0.64842838
0.01626897	0.01530691	0.01589527	0.01610764	0.0160454	0.00878362	0.00854123	0.00894535
13.5168114	13.8957358	14.1261872	14.4409991	14.4471793	14.7719785	15.0589624	16.1869248
13.5618342	14.9721808	13.4529998	13.5025177	14.0132078	12.874039	14.0560745	13.3512371
5.03362533	5.12025717	4.8330797	5.23630541	5.67866373	5.95627335	5.88376322	5.5937327
0.04038978	0.04171322	0.0417995	0.03852967	0.04102349	0.04034672	0.03142689	0.03002881
30.9051298	35.720308	32.828808	32.2136224	30.4657078	29.1483394	30.1249752	28.5409167
0.0409399	0.22657915	0.25492212	0.27381753	0.28641447	0.2988468	0.53139527	0.6222289
0.07429891	0.07699816	0.12607013	0.10316576	0.10984299	0.11999822	0.1385369	0.15118859
3.77370688	4.05113263	4.61839515	4.91757412	4.92406582	4.90143201	5.74582966	6.23107708
4.07562088	4.55955903	3.43689264	3.53029862	2.8881665	2.22542915	2.05564642	2.42589879
0.15948027	0.1752263	0.24749369	0.31362717	0.1684341	0.18070187	0.18998487	0.19611874
0.09856288	0.10439179	0.10331578	0.1175452	0.10381721	0.06466496	0.06402727	0.06489781
0.82707873	0.65920601	0.96942768	0.85580572	0.81709336	1.19078351	1.25936873	1.11545357
10.1539672	10.3405021	8.76905726	7.82160276	7.62131468	8.12702726	7.1778618	6.98603342
0.01127436	0.0088541	0.01510975	0.01520007	0.01561538	0.00890641	0.00901078	0.00832713
0.01770234	0.01712179	0.01725435	0.01748487	0.01741729	0.00975019	0.00958705	0.00988435
0.77912787	0.83693898	0.96069156	0.97828575	0.98269152	1.59915389	1.61306646	1.63793017
33.3046332	34.0219432	36.1153914	34.735753	36.1845717	35.6320658	37.2480926	36.6965605
0.05136	0.04802704	0.0537067	0.05543726	0.05668567	0.02784622	0.0267812	0.02647439
0.05726118	0.06024571	0.06964727	0.06030484	0.06030484	0.06008084	0.0598571	0.0598571
0.01575366	0.02134512	0.03671893	0.03146169	0.01913854	0.00958692	0.01180049	0.01115944
0.14927698	0.16043826	0.1501938	0.37933205	0.22572235	0.29716632	0.38181639	0.39905586
0.03234389	0.03373007	0.03380087	0.02998698	0.03192793	0.03606665	0.03773176	0.03927362
76.5702991	82.6156547	80.3187924	72.8139976	76.2803561	81.8609509	77.5109287	83.2822021
17.7617938	18.5968152	17.2413074	18.0585663	18.1788425	16.4235889	17.6782084	16.6598616
4.49255417	4.59547307	5.17217472	4.22504255	4.51155402	4.75104681	4.71141291	4.66010779
517.025611	403.139347	490.380894	447.032223	459.284924	369.622725	379.22656	395.257546
0.56437278	0.61348961	0.67006471	0.64017365	2.00029383	1.92634183	1.79809315	1.64692445
0.56638795	0.53158165	0.55976032	0.61395519	0.55146482	0.70347217	0.59689251	0.5327558
0.6475136	0.65393063	0.65708002	0.77258711	0.77258711	0.01574602	0.00314908	0.00314908
0.0780721	0.07177393	0.04989373	0.0059693	0.04375982	0.06911801	0.07193823	0.07210279
0.00423226	0.00426251	0.00466683	0.00452317	0.00461261	0.00395592	0.00431687	0.00214257



5.24688331	5.89302733	6.01829035	6.32438369	6.15408758	6.26809838	5.80128503	6.35436782
0.0066587	0.00660906	0.00662702	0.00732583	0.00780011	0.01294716	0.01367867	0.0144021
0.01282882	0.01470416	0.01473817	0.0130752	0.01392163	0.04068383	0.04625329	0.05239209
0.31963955	0.39192928	0.42958235	0.46702606	0.56398475	0.61069611	0.64879602	0.59616301
2.84083186	3.33661467	3.39520568	2.90768976	3.0172033	3.28426454	2.8951739	2.48382366
0.0117849	0.01108878	0.01117633	0.01132565	0.0112819	0.00855253	0.00842563	0.00853967
0.20575298	0.20890207	0.21818507	0.2153651	0.20923123	0.23376678	0.23376678	0.2587958
20.6047359	17.8839569	16.851158	15.465428	15.3390171	15.6408408	15.8462585	14.7884645
192.669794	217.500534	202.77443	194.015251	176.560339	172.089689	188.295585	176.21076
0.18198542	0.18062883	0.182621	0.16201517	0.17250131	0.10668552	0.10762441	0.11363872
0.00303732	0.00285791	0.00288134	0.00291983	0.0029086	0.00187852	0.00203337	0.00179658
8.26466866	8.90928162	8.11057169	7.83656142	7.64517139	7.0409891	7.10423842	6.83638442
1.72628278	1.93003749	2.13722445	1.19347033	1.19678402	1.42601965	1.30032116	1.26274569
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1.80210872	1.94026475	2.03123238	2.04822876	1.99226627	3.31319113	4.17745339	3.67183634
9.88619594	10.1169659	11.4436606	11.6367371	10.7780387	11.1200402	11.3423441	11.7438787
0.07830165	0.09086082	0.08454857	0.0846757	0.08163937	0.09077178	0.09383156	0.08740633
0.03277649	0.03067747	0.03467657	0.03595329	0.03855259	0.04938274	0.05218709	0.04791824
24.3612091	25.3546505	25.3513772	25.3922934	27.3459618	30.099221	30.358857	30.8569332
0.63148929	0.76873822	0.65405292	0.61675482	0.56400505	0.59908752	0.76835936	0.72513076
0.59183735	0.69623594	0.76278459	0.7567367	0.74149756	0.79871722	1.07085513	1.1122099
7.75708939	7.70500438	7.31017992	7.48276088	6.57484276	5.96999571	6.62994544	6.41039434
0.10088383	0.10722298	0.12377882	0.1132882	0.11840189	0.08917401	0.10545856	0.07718008
0.00099058	0.00056446	0.00103865	0.00057664	0.00057445	0.00046682	0.00050339	0.00054213
95.6855233	104.765785	99.2625108	104.834421	106.297178	99.4995897	104.760917	98.6075243
0.19156398	0.19759272	0.21341133	0.20047208	0.19377129	0.16834056	0.16502688	0.19377158
112.209619	121.572533	112.077011	113.761054	109.644815	109.662301	112.859045	106.449124
0.82083349	1.00510664	1.15914091	1.32482051	1.18304627	1.34560433	0.76242003	0.57715154
0.62189532	0.70044205	0.73244154	0.85995208	0.91400354	0.80066092	0.93243489	0.49073257
0.12788165	0.12692836	0.12881303	0.11572512	0.12321522	0.19157748	0.20326799	0.22201135
0.05794903	0.05406003	0.05588445	0.05663109	0.05641209	0.03404328	0.03472898	0.03474982
0.02489167	0.0247053	0.02475558	0.02340888	0.02492408	0.03836268	0.04216655	0.04458651
0.03495071	0.03306142	0.03475963	0.03083756	0.03283348	0.02886931	0.02977376	0.03201949
0.03381854	0.03381854	0.03696763	0.03995216	0.04923541	0.04923541	0.04923541	0.05221993
7.99618786	9.88015613	10.1424742	10.4929724	10.3196691	10.9251572	11.766799	12.3041394
0.00550243	0.00557378	0.00747344	0.00644795	0.00642307	0.0037161	0.00375759	0.00377776
0.75324451	0.77948025	0.82621335	0.88542273	0.99686804	1.01900671	0.59206478	0.60268647
0.03102284	0.02872349	0.02941475	0.02980775	0.02969249	0.00923304	0.00999859	0.00853336
0.25506837	0.26435548	0.30229831	0.26778685	0.33642737	0.30182482	0.30482885	0.31747102
1.72217976	1.69200046	1.69665315	1.64734839	1.86599223	1.84451696	2.05835088	2.28696872
0.37384157	0.36719812	0.38875683	0.39363245	0.39788766	0.2919004	0.53381519	0.6863442
2.8429144	3.13351602	3.15982293	3.26342599	3.52224709	3.39299978	3.61302106	3.69564511
0.09614462	0.09663808	0.10293655	0.11172607	0.16345225	0.32375514	0.2814547	0.21964445
16.1613224	16.681929	15.371646	14.4147268	14.9918747	14.8543984	15.5994325	15.5963634
29.7888797	31.7385553	32.0381835	33.1753062	40.1561913	45.0237418	45.3167273	43.7003584
104.454777	108.885544	118.031209	105.497657	113.817661	111.221188	110.589757	115.671141
9.40352119	9.2932142	9.08653195	9.57394009	9.49102158	9.63064469	9.9891579	9.87121152
83.891697	89.1865308	90.9679446	93.5161763	95.144169	101.269941	106.356707	108.877743
5.15199483	5.62243643	5.71145912	5.86828404	5.84323293	6.85864231	7.0804263	7.08458522
0.82339423	0.90309904	0.87133912	0.83412616	0.81343612	0.76268703	0.67709312	0.73767631

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75.6442967	77.1858709	74.3902726	78.1412138	82.1017506	77.8190913	81.5844565	77.573347
0.3571791	0.36835396	0.3589064	0.37714349	0.37648489	0.36481601	0.37399384	0.34058753
2.2871483	2.26875666	2.47036568	2.31811546	2.43194415	2.74291583	2.58918664	2.60827336
154.852437	157.555826	157.875225	161.108992	168.273268	171.543964	171.815616	180.538314
21.8114361	18.1299952	15.428829	16.0348658	15.2964239	10.0013194	5.80953816	4.04368258
1.18621186	1.28720379	1.27776055	1.5098874	1.69225803	1.65788149	1.42728068	1.28814502
0.57706814	0.85758205	0.67117382	1.51503033	0.59688275	0.74980139	0.48265475	0.84867831
0.12274402	0.12581002	0.13194202	0.12003731	0.14461701	0.19398176	0.13884457	0.21564938
0.00171717	0.00172859	0.00189349	0.0018352	0.00187158	0.00212231	0.00206394	0.00274578
0.00297175	0.00326224	0.00328732	0.00333124	0.00331836	0.00321995	0.00326464	0.00344485
81.5240148	84.8299016	85.9824613	66.4935848	78.7870782	74.3093305	71.6546549	72.305785
0.31136699	0.31103782	0.3233056	0.3233056	0.32911004	0.33225943	0.3443626	0.35613666
0.03381512	0.04177897	0.05879699	0.05139692	0.04356209	0.00622266	0.00622266	0.00622266
3.64238221	2.96598803	3.80411288	1.45106244	1.82022028	1.61155765	2.07984996	1.72913677
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0.00729752	0.00686427	0.00691925	0.00701169	0.00698466	0.00625119	0.00666576	0.00579922
0.9162439	0.95761198	0.97577324	1.0585087	1.14748321	1.24081697	1.2509413	1.26671904
0.02049385	0.02034108	0.02038181	0.01735877	0.01848228	0.05049782	0.05153667	0.05542128
2.34958943	2.05025476	1.73337603	1.45774508	1.26096316	1.03148621	0.97768294	1.05446315
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0.11568727	0.13391733	0.15174088	0.15732329	0.16922382	0.0957122	0.11083929	0.10907936
3.75474946	3.85340217	4.03984455	4.26486661	4.54278906	4.60869411	4.78626264	4.94241364
3.40779422	2.13537854	2.0608126	1.7920757	1.59772015	1.26106663	1.30886092	1.46056397
0.25057764	0.23181055	0.23485385	0.22223691	0.19459463	0.1238963	0.13010918	0.02448377
0.03223163	0.03267924	0.03090839	0.03297242	0.03362443	0.04118097	0.03939199	0.04282217
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0.056143	0.05897792	0.05909714	0.05387554	0.05736259	0.11165511	0.11448244	0.12227264
0.1078974	0.1491345	0.1281608	0.093963	0.1094215	0.0861546	0.0861546	0.0952406
0.56880966	0.5085701	0.57226707	0.79965774	1.04384647	0.64119077	0.65927272	0.50582906
0.8624227	0.8187806	0.63317747	0.49759026	0.74724134	0.78681795	1.0021146	0.89010156
0.19879494	0.22914945	0.29186136	0.17221569	0.15324489	0.34130715	0.19744827	0.18778742
0.3744184	0.37479192	0.37694311	0.33575343	0.35732479	0.14659646	0.15434348	0.17590738
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0.13335811	0.13617815	0.14214741	0.14828126	0.15414524	0.16326372	0.1601145	0.16293454
0.09214012	0.0916358	0.09202412	0.08314577	0.07960691	0.10010005	0.09638807	0.13978582
4.14382167	5.45418361	4.50960828	4.06198218	4.23179505	4.30411254	4.20604658	4.58166274
1.10853752	0.6581949	0.68295066	0.68512836	0.63939716	0.6361657	0.85393281	0.7300608
0.14090027	0.17455993	0.21938193	0.19575302	0.14698027	0.09433982	0.1034024	0.10497714
0.01711554	0.0675492	0.03240516	0.02324644	0.06079428	0.03447683	0.02697917	0.03012839
3.85274285	4.16435104	4.41860439	5.17444972	4.13427889	5.20332377	5.96543501	5.56716532
0.16698943	0.18594917	0.18699903	0.1892439	0.22589073	0.22562168	0.20280997	0.21147564
42.4778804	48.5163463	41.5020902	39.9544352	38.2011321	38.2811193	39.9213003	37.964941
3.59858282	4.24380671	3.90115656	3.87293502	3.91534749	3.31587657	3.77414849	4.1580338
0.75828053	0.85573905	0.98328402	1.02987396	1.14371432	1.13820797	1.31644356	1.23899845
2.68371405	2.63482577	2.74111925	2.81644687	2.86107507	2.91070403	2.91429586	2.99472691
0.8492484	1.03976166	1.57022709	1.71050201	1.28840078	1.20687682	1.77514194	1.81521933
10.3513326	10.558101	11.4682149	11.5222639	13.3910676	12.1766778	12.1060275	12.003115

0.28705783	0.30811483	0.31745721	0.3511704	0.36592896	0.35288428	0.3405411	0.48414259
4.7758234	5.23956432	4.75205862	4.13408657	4.78051617	4.41409456	4.20658768	4.47787715
4.78664232	5.1372542	5.69970609	6.0761105	6.62942926	6.47970916	6.52011388	6.59568474
0.59021104	0.48596667	0.70838833	0.55721682	0.64930447	0.19332379	0.19632619	0.11935636
0.21626049	0.21449715	0.24107048	0.22460173	0.22904284	0.15838417	0.21350427	0.20645157
62.2647931	63.7351403	60.7061871	50.391861	52.0107272	44.9598386	47.7288676	50.6818571
0.54052672	0.50951526	0.51331263	0.51685972	0.51490896	0.52617979	0.54377091	0.50780498
14.2638294	12.6598451	12.463453	11.654348	12.9938992	13.7640718	13.8397519	12.9554471
4.23179394	5.24365322	4.99228259	4.89795697	4.967008	5.30786147	5.86166155	5.97149712
0.18539653	0.19220777	0.2069289	0.22190549	0.24665886	0.22113597	0.18590933	0.18565325
0.06801483	0.06707939	0.07499853	0.07268994	0.07412734	0.0465297	0.05896527	0.05593141
0.13461552	0.143734	0.15268789	0.16164178	0.12020815	0.126342	0.12335737	0.13795134
0.21805461	0.21642913	0.21686244	0.24736244	0.26337253	0.27188125	0.27454538	0.29672962
8.58732194	7.89674407	10.060262	10.2047205	8.14172716	8.57615625	8.26607562	8.21631231
214.611812	196.086987	188.412262	168.959625	184.957612	189.348891	191.88288	173.646542
0.03718751	0.03718751	0.04038567	0.04038567	0.0434522	0.09322767	0.09634544	0.11191014
2.94490733	3.01719681	3.0647863	3.15585053	3.18997617	3.34581328	3.37469405	3.49093003
2.24176764	3.95024808	3.87043175	4.01423997	3.65885383	3.48138679	3.83733087	4.67782607
0.19191507	0.27595639	0.28192564	0.29684878	0.91230252	0.84076294	0.62054187	0.95396573
0.31819662	0.34781902	0.3941342	0.4681692	0.55450993	0.34934429	0.3614474	0.3825044
0.61987585	0.64908925	0.8332478	0.60336364	0.60168031	0.6139551	0.61596326	0.68527184
3.426E-05	2.7281E-06	3.2861E-06	3.0983E-06	3.2496E-06	2.8952E-06	2.7252E-06	2.5466E-06
0.01638082	0.01649165	0.01806279	0.01750679	0.01785311	0.01525784	0.01813937	0.01704961
0.09354969	0.09122472	0.09630111	0.08543566	0.09096534	0.0553466	0.0702503	0.07400516
0.31110248	0.27839026	0.42487805	0.46103073	0.43224543	0.43816201	0.45623452	0.40212242
0.06399312	0.06351609	0.06364326	0.05646214	0.06011658	0.08805592	0.09153584	0.10413404
0.00255867	0.0024073	0.00140885	0.00190357	0.0018962	0.00114067	0.00110919	0.00118087
0.00894434	0.00887571	0.00889544	0.00789173	0.00840269	0.00792121	0.00792083	0.00932041
0.04825297	0.0442733	0.04653719	0.04704154	0.04685963	0.21046783	0.18794881	0.30758948
8.99275844	9.10331783	8.90267543	9.10781711	8.9354288	8.59219109	7.06422408	6.70051597
2.44189879	2.98554807	2.83346276	3.09576546	3.34131853	2.49379135	2.93212055	2.95993402
10.0929354	10.894247	9.89516907	9.57617319	9.11990824	7.40909662	7.34153726	7.19182596
0.188884	0.17943644	0.18960709	0.19574096	0.19568152	0.08856742	0.11340582	0.09027757
0.0574464	0.05701362	0.06064273	0.05380017	0.05728242	0.10989863	0.11968693	0.11026732
7.14959065	7.46912913	7.14965685	7.45151841	6.99577774	6.91023758	8.22080304	6.93452039
0.00044051	0.00041449	0.00041768	0.00046559	0.00046378	0.00115438	0.00119176	0.00155121
0.0196741	0.01952744	0.02119708	0.01880533	0.02002247	0.03087239	0.030018	0.0312088
0.06281981	0.07856591	0.07541669	0.08817816	0.12895343	0.15099797	0.09746123	0.12580421
8.43568262	9.56032174	12.1732229	11.4969189	12.8168036	13.01967	13.4146096	14.0164294
1.71518438	1.49385245	1.66204919	1.94450235	1.77054054	1.56198258	1.47204366	1.49780302
16.7802544	14.8815129	16.7053382	17.2735234	19.3859968	15.3874294	15.193273	15.9708314
0.01111758	0.01261078	0.01447369	0.0142587	0.01454088	0.00655181	0.00673423	0.00666793
0.1506589	0.15027835	0.17633508	0.18528897	0.17758782	0.48716781	0.46985546	0.51896003
3.17276819	3.30888049	3.36911224	3.42301475	3.53277496	3.6653395	3.76337735	3.71372301
33.3030379	33.9763289	35.2831035	32.0385737	31.4995834	33.4969622	30.3587015	32.8855019
10.9615888	11.9983047	11.0023306	11.1799215	11.969329	12.4098502	12.7842768	12.6624856
0.63100496	0.77203482	0.64651977	0.45727002	0.37320338	0.35031516	0.46066982	0.45040516
0.02800007	0.04059695	0.03753689	0.04068611	0.03753689	0.04068611	0.03753689	0.12112326
60.1908089	61.562492	53.2935373	46.7243951	49.0907301	47.2116838	45.8932291	47.3130495
1.15889262	1.20837404	1.16596272	1.24382424	1.20791319	1.19283139	1.11346536	1.06965795

625.850975	663.318334	647.470954	592.138388	608.630218	643.459798	629.282891	633.204023
38.3786261	37.7844107	41.3786678	42.2722195	43.7019607	46.1615574	46.562737	48.9540253
0.00486311	0.00410758	0.00487355	0.00539499	0.00537418	0.00268731	0.00310627	0.00330276
5.30491309	5.3460615	4.57389794	4.55652161	6.22763509	5.91656869	6.15499322	6.0804882
0.00159073	0.00196257	0.00197789	0.00200431	0.0019966	0.00179413	0.00178436	0.00184776
5.26413483	6.27636341	6.34307496	6.83880428	7.06504791	7.73340979	8.70718929	9.43669362
0.00480136	0.00483425	0.00529436	0.00513139	0.0052331	0.00548973	0.00692397	0.00611025
0.01269678	0.01278753	0.01400048	0.01356952	0.01383782	0.01221122	0.01428637	0.01323815
2.27168119	2.4990816	2.79768334	3.01683291	3.06511294	3.44274317	3.75884958	4.33845517
17.9436607	16.516885	16.42599	15.1364537	13.6792183	12.8663364	16.6349947	19.6717533
0.28962304	0.22729384	0.24073016	0.2103809	0.18301312	0.17995226	0.18312152	0.19202278
2.83294316	3.13329236	2.99538543	2.91110912	3.22779541	2.97373658	2.06178464	1.82577362
9.8174E-08	8.2026E-08	1.2386E-07	1.0814E-07	1.3558E-07	9.9924E-05	9.9881E-05	0.00013304
0.02507407	0.02505101	0.02504039	0.02503824	0.02503398	0.02503929	0.02534433	0.00027987
9.09198438	11.5538664	12.127265	13.3263909	13.3339498	11.9070266	11.1121822	10.3525176
0.14099401	0.11109162	0.11588773	0.11398043	0.08110426	0.10106087	0.07703671	0.10167746
0.07468648	0.0684633	2.6974487	2.75339446	2.63840395	2.77637001	2.84090956	2.5549526
5.27119914	5.60378972	5.05398079	4.47832781	4.47198141	4.74640931	4.5871593	4.26484882
12.1256873	12.077246	13.8422491	15.7386002	16.230497	15.9586684	16.9861502	17.0487582
5.7389E-08	7.244E-08	6.9652E-08	6.081E-08	7.6237E-08	5.5196E-08	5.2602E-08	5.6311E-08
19.8353403	20.6709374	21.8645291	22.4926717	22.3827769	22.1754062	21.4588797	19.2661623
6.59276369	5.86915125	6.42399671	6.86885222	6.02112889	6.54074045	6.68959947	7.75655859
1.49924979	1.72222655	1.49559605	2.01475872	2.56766562	2.20846376	2.80385492	2.72264911
3.08E-09	3.2447E-09	3.1584E-09					
5.52867606	6.04924698	5.39707658	5.4953828	4.72071617	5.19075738	5.22613734	5.36363681
4.4901E-08	3.7811E-08	3.1194E-08	2.4105E-08				
5.6658E-09	5.9894E-09	9.5258E-09					
0.74435462	0.67999092	0.93064109	0.91112625	0.90945243	0.66460319	0.72714546	0.74600468
2.88264433	2.8365027	3.7081445	4.19570767	5.53182994	3.45228363	2.95011167	2.6678794
2.79919884	2.90114451	2.84528063	2.84074483	2.71106224	2.85580495	2.78744052	2.8825324
3.4768E-07	4.9404E-07	4.5272E-07	4.4376E-07	4.9327E-07	4.0635E-07	3.9431E-07	4.0853E-07
0.0037755	0.00407906	0.01309519	0.01686234	0.01626329	0.09736799	0.099124	0.0902543
2.69235737	2.33460613	2.86245676	2.56340679	2.14749898	2.98367008	2.78696355	2.80290272
3.977E-08	4.1902E-08	6.621E-08	5.7384E-08	7.4194E-08	5.5968E-08	5.5493E-08	5.242E-08
6.2445E-08	8.1029E-08	7.5608E-08	6.601E-08	8.2756E-08	6.127E-08	5.9042E-08	6.2222E-08
2.11898915	1.93647261	3.41105919	2.93898325	2.09128268	1.47505831	1.26395154	1.34749234
32.7041406	34.0239639	34.4652564	34.368585	31.2213753	29.8540389	28.690301	28.3759486
0.01653441	0.01343027	0.01348696	0.0156733	0.0164202	0.00276069	0.00172728	0.00207749
2.98120506	3.09732256	2.99911957	2.36625062	2.81817426	2.90096462	2.64475267	2.13852196
0.00044023	0.00031272	0.00017271	0.00013177	0.00011827	0.00048504	0.00075389	0.0007918
0.00793241	0.0067399	0.00686356	0.00819741	0.00834758	0.00836524	0.00821508	0.00841824
2.4664E-09	2.6238E-09	2.554E-09					
52.5658085	55.1221533	56.2965873	58.7353464	61.0575249	61.1405271	64.1579701	69.0285601
0.68733636	0.72785359	0.704126	0.71791452	0.74236026	0.66969189	0.71699082	0.74112563
4.2842178	4.95506862	4.38552535	5.11632733	5.08531303	4.22630551	4.27207213	4.80207284
197.052764	184.060183	228.474912	213.816206	204.459097	244.833492	242.096247	242.436404
0.31617621	0.56857137	0.62937583	0.55628466	0.6653668	0.71490405	0.79813904	0.94895542
2.27533917	2.49497693	2.32791948	2.34396798	2.33689212	2.35058138	2.34389583	2.12219212
1.04052077	1.2133182	1.2695381	1.13003966	0.93834599	0.83363639	0.90056815	0.90245073

2.14664921	2.83810762	3.05801452	3.69239781	3.78774403	3.99690138	3.75489465	2.34622454
6.93625927	7.13574674	7.72456671	9.73916485	8.56846793	8.65056408	8.85468121	8.49165782
5.0777E-10	5.141E-10	5.0074E-10					
9.7829E-10	1.1438E-09	1.1136E-09					
0.09976198	0.11818619	0.12127661	2.7732E-08		1.9394E-08	0.05620094	0.0875648
0.25427248	0.32616417	0.54600946	0.39185207	0.3813551	0.67835672	0.90990817	0.54112656
4.1571E-08	5.2478E-08	4.8974E-08	4.2757E-08	5.3604E-08	5.3744E-08	5.189E-08	5.3758E-08
0.09022856	0.08424982	0.08940065	0.09252685	0.10705974	0.10420777	0.05417381	0.10678789
7.04413465	6.75142005	6.67790733	6.40818104	5.0726905	5.67905937	5.27727192	5.87161524
45.6025122	43.190425	39.9013814	42.5008451	37.3878471	40.6471442	37.3471981	37.2882407
1.3878E-08	1.4051E-08	1.3799E-08					
1.0714E-08	1.3525E-08	1.2626E-08	1.1023E-08	1.382E-08	1.1805E-08	1.2523E-08	1.131E-08
2.24392287	2.48890428	2.46286759	2.38120559	2.75849363	2.6884538	2.71036694	2.6414558
0.04155969	0.03878908	0.04155963	0.03878945	0.22513748	0.19056995	0.19193375	0.22236694
38.1075818	35.8788908	33.4463626	32.0952385	32.7386008	34.4365836	31.0538651	30.3579154
4.40073276	4.9825583	4.58582973	4.35015434	4.24038256	4.51162984	4.62908427	4.26411004
8.64999289	8.8068809	9.1132595	8.84415411	9.40522341	11.3001527	11.2840474	10.4034056
0.04161749	0.04751214	0.02670339					
14.5415927	15.8519515	16.2138174	16.4972623	16.2308553	16.361038	14.6034395	13.638964
2.01895688	2.12580075	2.0862767	1.59147029	1.1736763	1.93165703	2.04105132	2.02707105
0.01108278	0.01108281	0.00554142					
2.89641018	2.65262608	2.24610441	2.41097559	2.46931116	3.89772523	3.86969352	4.11962054
3.4943E-09	2.6713E-09	4.5513E-09	2.177E-09	2.7294E-09	2.9335E-09	3.1001E-09	3.4128E-09
32.4395184	31.6748524	30.8840717	30.7579613	30.7689742	30.2450535	30.3158371	29.0359054
4.32608551	4.85098633	4.44839199	5.23034259	4.99624456	5.05803652	5.17648502	4.99348142
50.2257188	51.0812894	52.4879155	51.6025879	49.2929937	47.1912254	44.5808216	44.6751392
0.10070858	0.22654198	0.24941014	0.2386564	3.335E-05	3.9201E-05	0.29307011	0.45370631
0.04987114	0.05264168	0.00277052	0.04155932	0.07480662	0.06372405	0.06926542	0.07973485
9.7519E-09	9.8733E-09	9.7331E-09					
2.0441E-07	2.5584E-07	2.4488E-07	2.138E-07	2.6803E-07	2.1393E-07	2.1388E-07	2.1875E-07
1.8982E-09	1.9217E-09	1.8705E-09					
2.6652E-09	2.5717E-09	2.6264E-09					
1.19751066	1.2859806	1.75043336	2.13572949	2.31558642	2.37533393	2.72427697	2.05209051
2.54010658	2.74956561	2.75979485	2.79733955	2.45529692	3.1084615	3.13380531	3.18104479
1.941E-08	2.6378E-08	3.2748E-08	2.4343E-08	3.0518E-08	2.3352E-08	2.3141E-08	2.3781E-08
0.05372117	0.05724641	0.06063991	0.03368185	0.04171914	0.03308432	0.06135935	0.060018
1.0943E-07	1.3593E-07	1.2889E-07	1.1253E-07	1.4108E-07	5.802E-08	6.1577E-08	5.3718E-08
1.00842823	0.93383285	0.36971949	0.37109923	0.38301223	0.4029005	0.4132718	0.4129965
0.00326915	0.00326915	0.00326915	0.00638043				
2.39687599	2.56426574	2.10027064	2.14327845	2.05991533	2.09615694	1.95878514	2.12850565
4.00291455	4.28058555	4.43674971	3.84843975	3.91864093	3.03934576	2.86214447	2.46187476
51.2587505	49.914923	53.5298713	61.6277426	51.2109035	41.6090104	43.3431233	45.0361002
42.7742266	43.4008125	41.011518	39.1179186	47.9475578	50.0873529	49.5486789	53.9715346
0.39941477	0.38873927	0.38110683	0.40059449	0.44508934	0.43059271	0.54710333	0.56614786
35.6399498	37.612347	37.8216484	35.3606649	42.9694224	43.810915	41.4854252	42.4780231
9.35140306	8.98571887	12.9533785	14.5464921	16.7137382	18.080051	18.0862483	16.9427439

1.9821097	1.55582198	1.82339194	2.73193958	2.5887997	2.7879139	2.84392132	2.6696837
23.0500387	22.2129629	23.2854548	23.7000627	21.9273164	22.4791288	20.0490698	20.8130152
0.01264051	0.01264049	0.01264053	0.01264053	0.01264033	0.00943224	0.00943222	0.01264085
0.43559925	0.48260784	0.49517137	0.5139732	0.49514309	0.46383461	0.41053485	0.46698926
70.9963079	70.4097171	70.2791264	66.627635	69.4946815	67.7714366	65.3304148	66.0102367
11.7811014	11.5493113	12.8083643	13.9634343	13.8521746	21.0294265	22.1652727	32.4762831
0.23434696	0.22501236	0.20945506	0.21776682	0.21499634	0.25757786	0.21499623	0.20080211
0.00162731	0.00142337	0.00181201	0.00148715	0.00143278	0.0014627	0.00163203	0.00157527

1.0483E-08	1.5439E-08	1.4405E-08	1.2576E-08	1.5767E-08	2.0234E-08	2.0105E-08	2.1686E-08
17.0219936	18.2525251	20.6491251	20.5944397	20.8445365	24.2295208	24.308511	29.5719302
12.0946806	12.0243301	13.3748769	11.955214	12.6174863	12.6561689	12.2392369	12.7906291
0.00012418	0.00018296	0.00022286	0.00024838	0.0002726	0.00020521	0.00025793	0.00036811

3.1653E-09	3.3312E-09	3.2424E-09					
17.2747017	18.1522451	14.3354832	12.8196681	12.1350634	12.683561	11.5129231	11.0970984
2.5742E-08	3.2485E-08	3.032E-08	2.6471E-08	3.3187E-08	3.9282E-08	4.1051E-08	3.6506E-08
0.10825137	0.15556469	0.14684767	0.15825358	0.14649167	0.16757536	0.14615546	0.15487255
1.5628E-09	1.5823E-09	1.54E-09					
0.9259089	1.09992473	1.33453004	1.60756518	1.15937689	1.23120555	1.53587207	1.5351299
0.10160479	0.15161586	0.05336087	0.00489753	0.00030294			
0.10505025	0.09045793	0.09491742	0.2051099	0.19382678	0.15106815	0.02997975	0.03496367

0.2938677	0.29814485	0.31365627	0.32102892	0.38074947	0.35773308	0.36300783	0.32698444
0.2549562	0.24437474	0.18016482	0.23608511	0.21628873	0.17540425	0.16128578	0.14693066
2.8539E-07	2.4591E-07	3.2143E-07	3.0619E-07	3.4878E-07	3.6104E-07	3.1143E-07	1.2979E-07

44.6603343	46.5336397	52.318279	56.0122343	49.4664577	54.1398306	54.1334063	54.2110797
0.00155581	0.0016494	0.00154653	0.06094281	0.0141802	0.01405045	0.01737118	0.01098684
4.2813E-09	4.5877E-09	4.4654E-09					

0.42369606	0.40457032	0.5199922	0.43046486	0.52647977	0.47112631	0.52562489	0.56306752
0.01530855	0.00275527	0.00261867	0.00269275	0.00272753	0.00280609	0.002809	0.00303292
0.00035556	0.00018714	0.00016843	0.00016843	0.00015907	0.00014972	0.00026201	0.00041173
2.8505E-08	2.9114E-08	2.846E-08					
2.2713E-07	2.8672E-07	2.7163E-07	2.3536E-07	2.9506E-07	2.3831E-07	2.274E-07	2.3547E-07
0.00047325	0.00051189	0.0005312	0.0005312	0.00060846	0.00076299	0.00046359	0.00057949
11.8496567	12.090603	18.8764538	13.9773634	17.1703689	19.5228177	19.0356142	15.427179

0.06422741	0.06423106	0.06422475	0.06423073	0.06422641	0.00756756	0.01357872	0.00877777
60.1296326	71.2653967	63.7736413	56.8724806	54.5949575	60.959132	61.8254046	50.7109945
0.06329609	0.06329611	0.06374511	0.06374519	0.0814209	0.07865035	0.08973266	0.06991106
13.9819274	14.2366846	13.6990756	13.4876259	12.4544579	12.7906777	12.8829157	12.5642099
12.3244288	10.795767	13.2684478	14.0855267	15.4157528	11.071668	11.1687243	11.2497097
					0.00015987	9.4039E-05	0.00011285
2.40088505	2.44162129	2.17977631	1.44916615	1.4078097	1.47171708	1.45662002	1.5081987
8.44243301	8.87424317	10.2353342	9.95553701	11.085066	11.3215166	11.2552637	11.3667667
3.68591638	3.69676824	2.9876503	2.73493847	3.5623286	5.9593422	5.73456565	2.57585604
0.12555217	0.19481674	0.13940557	0.13940582	0.14217642	0.14217625	0.14217628	0.13575829

1.98576472	2.60952399	2.34374805	1.7865323	2.12239192	2.1948396	2.22009119	2.09233541
1.90656278	2.16744259	2.12619456	2.22486764	2.42142375	2.80536864	2.40073517	2.36774203
0.00470982	0.00438194	0.0036141	0.0031101	0.00529274	0.00366045	0.00358869	0.00105361
0.0230142	0.02632945	0.05860145	0.72047262	0.13689124	0.30138011	0.14949784	0.19711766
19.1824607	21.0415518	19.5151781	18.0801759	17.000388	16.3594503	15.1406061	13.4329545
0.00120879	0.00174327	0.00216615	0.00143383	0.00072469	0.01045472	0.00908452	0.01207292
1.06850708	0.46410232	0.42516291	0.38494121	0.30118708	0.32507673	0.35320102	0.34347286
2.69019895	2.63606811	2.76057643	2.36274807	2.79811143	2.45721209	2.44610393	2.29691321
1.8904E-07	1.3915E-07	1.3199E-07	1.0814E-07	7.9274E-08	7.3336E-08	7.2786E-08	7.0807E-08
6.19780698	7.57873792	11.3872669	12.2047143	14.7093347	13.2822196	12.3298749	12.5395073
1.6628E-08	1.6835E-08	1.6386E-08					
12.7777439	11.8282453	15.0006901	13.7909468	10.0914204	9.78351472	10.7581524	12.290791
186.240672	177.926198	167.097468	193.10944	199.186347	184.660366	185.673293	187.496867
0.0041514	0.0041514	0.0041514					
21.5570183	23.8746641	24.125479	23.896671	22.4198052	23.0023012	22.7072897	25.3975104
0.47664029	0.71765541	0.72994789	0.71079935	0.60716286	0.618888	0.6295877	0.6712111
0.0606753	0.06984861	0.09476129	0.08749242	0.19298874	0.41545182	0.37902809	0.5512259
0.01662608	0.01662585	0.02216622	0.02493668	0.02493604	0.02770641	0.03047703	0.03047706
9.97091919	10.8217753	10.8233138	10.1546492	9.31442251	8.78867941	8.58013937	8.53624165
2.0787E-06	1.8535E-06	2.5996E-06	2.684E-06	3.0456E-06	7.9204E-06	6.338E-06	7.2624E-06
9.1806E-08	9.1768E-08	8.0659E-08					
0.04710029	0.04987102	0.04432978	0.04432978	0.04710025	0.04710027	0.04710023	0.0415591
4.8799E-09	4.9407E-09	4.8089E-09					
9.0257E-09	1.1393E-08	6.1735E-09	7.1864E-09	9.0096E-09	7.1679E-09	6.831E-09	7.4337E-09
6.8207E-10	6.9041E-10	6.7214E-10					
0.00555642	0.00779338	0.00726221	0.00774343	0.00871005	0.00588432	0.01643544	0.02844867
4.32099456	4.44493649	3.98337961	3.70143003	3.69057791	4.08120198	5.38120942	5.85131453
0.08600363	0.08695503	0.13830359	0.08119506	0.09433392	0.08707828	0.02791616	0.03054071
3.97425941	3.63308738	3.58315117	3.87720528	4.04297252	4.11268848	4.31962938	3.62552066
0.00178936	0.00134987	0.00356825	0.00356825	0.00462513	0.00395542	0.00329619	0.00443677
4.3807E-09	4.4349E-09	4.5821E-09					
8.31443856	8.30138699	8.06324055	7.77691617	7.80738172	7.98761669	6.37224343	5.29766921
1.5539E-09	1.9616E-09	1.8302E-09	1.7577E-09	2.2036E-09	7.2541E-09	7.3395E-09	9.765E-09
0.0063393	0.0074613	0.0025245	0.002244	0.0014025	0.0002244	0.0037587	0.0188496
4.37929751	5.74989329	5.8709796	7.82848779	8.68077612	9.98918831	9.68283698	10.170402
0.00016687	8.8594E-05	9.5805E-05	0.00010716	0.00010748	0.00011949	0.0001305	0.00022852
3.42552273	3.54659187	3.11991741	3.80490441	5.02254296	7.24715142	7.70390149	8.93342258
			0.0627198	0.1616241	0.2264196	0.1224663	0.1038411
2.31753618	2.65100642	2.59196999	2.45015176	2.28333062	2.47598102	3.26375041	3.92019821
0.71129261	0.6833909	0.65820127	0.70032508	0.79955387	0.73006064	0.7141926	0.70754589
9.16198125	8.71534304	10.2823571	10.7487966	9.70392106	9.32552865	8.27369623	8.31125201
12.391091	12.9031217	16.4451798	15.3912022	15.1811489	16.2277861	16.2789293	15.3209333
0.04223209	0.0393388	0.03905862	0.03922293	0.03951259	0.00076299	0.00075333	0.00076299
54.6257317	37.3971545	38.1441582	40.4285094	41.8389941	44.0981701	38.7605512	35.9126175
0.29006463	0.30191109	0.26229125	0.36643533	0.33821621	0.36380213	0.36187267	0.29124163
294.470895	298.607577	296.871833	298.571333	287.446442	292.251665	283.740889	315.303062
6.52266244	11.1322794	9.78912821	10.6051798	10.4729749	11.4339348	12.2839229	13.6129202

1.7155E-08	1.9439E-08	2.1356E-08	2.0367E-08	2.5535E-08	1.6887E-08	1.913E-08	2.0791E-08
31.2986214	40.3921907	41.3459135	40.5963814	43.2583341	48.4575133	44.0666188	41.3046478
5.6113E-09	9.2879E-09	8.667E-09	7.5668E-09	9.4866E-09	1.1274E-08	1.0989E-08	1.1632E-08
1.52290842	1.41233809	1.12626965	1.2219037	1.83589244	1.49132707	1.49910382	1.21378098

1.21128427	1.32748164	1.42071199	1.33805786	2.28514722	2.60821431	2.48405766	2.2143478
55.9953616	55.9860964	56.400896	53.6136419	54.9098035	55.1701336	78.5977307	79.5927975
0.070938	0.05509614	0.07405328	0.08204922	0.04207458	0.02189586	0.03298446	0.03853256
0.16816406	0.15619306	0.23520904	0.2358163	0.35309415	0.32460121	0.32284334	0.29726418
0.0101231	0.0064662	0.00958686	0.00974074	0.01041616	0.00667924	0.00783392	0.01847342
0.35973384	0.32897439	0.30504145	0.2904315	0.28575868	0.24510174	0.18511088	0.27991868
1.79608083	1.88532627	1.73729039	1.29865922	1.48088889	1.5729602	1.61653542	1.77608107
0.0009407	0.00096434	0.00091376	0.00150842	0.00148215	0.00156086	0.00142385	0.00134714
0.49216366	0.45927766	0.24083639	0.40149739	0.48542019	0.47224314	0.53616616	0.42921906
0.42316119	0.4262728	0.44494179	0.46361047	0.48539076	0.50405975	0.50094815	0.50405975
36.0618423	37.715325	39.9063635	39.3588849	38.6500977	33.6753915	41.6038416	37.8158646
17.2190358	17.741898	20.8076768	20.2476405	18.28879	17.8693664	17.6361998	17.0821896
0.50535725	0.44659166	0.85139968	0.97331276	1.02835171	0.72291582	0.80031707	0.79870133
0.00591754	0.00571056	0.00539093	0.00547746	0.00585728	0.00336023	0.00381084	0.00930987
46.2112327	45.9956006	47.4749037	47.5996618	47.4678458	47.9851374	47.262183	37.9129607
9.70746481	9.82736263	10.9705657	10.3086483	9.52151884	10.6840838	10.5406148	10.2967921
8.57028906	4.43116969	3.9276161	2.13225592	2.59144321	2.67211459	2.19624501	3.00812322
0.02162799	0.02474916	0.02624004	0.02674965	0.02685187	0.03049676	0.02361343	0.02160334
24.8067993	24.9400578	26.0695508	27.0769598	27.8378948	29.1133732	30.7000553	24.6083857
0.02800317	0.14876275	0.17705698	0.13709322	0.15955319	0.15634468	0.15274752	0.15284476
0.03978571	0.04568432	0.07914173	0.07162397	0.07189758	0.09070271	0.10409339	0.10876814
3.32151086	2.96179515	3.62648075	2.85972086	2.84775128	3.04326317	4.42919071	4.79826483
9.0455082	8.73400392	14.1132388	11.3678794	7.84749083	7.97885471	7.86633634	7.4863148
0.04488547	0.05377166	0.07053454	0.07462426	0.075937	0.08154146	0.12582118	0.13031489
0.03585043	0.03894549	0.03503988	0.03997166	0.03789786	0.02473799	0.02856705	0.06754236
0.66795946	0.34730692	0.55487264	0.46018396	0.43256892	1.50441973	1.33390877	1.49028858
3.40591221	3.84940155	3.86542138	4.43930111	4.25428133	3.2068823	3.25737736	3.23089209
0.00410084	0.0033032	0.00512452	0.00516884	0.0057003	0.0034072	0.00402034	0.00866645
0.0064389	0.00638763	0.00585187	0.00594579	0.00635808	0.00373	0.00427746	0.01028713
0.93590806	0.81123354	0.88773172	0.98486558	0.99835646	0.88865601	1.06984455	1.23996113
59.2984703	64.9803268	68.8748609	70.9410257	75.529015	83.0858055	80.9724149	83.7749747
0.01834518	0.01576666	0.01642019	0.01704757	0.01862626	0.01018081	0.01165714	0.02698523
0.20195946	0.23083616	0.26933842	0.19560186	0.16678399	0.14105668	0.11538851	0.12501408
0.06922813	0.09871291	0.0855833	0.0887325	0.09742022	0.12223001	0.10944832	0.12249103
0.40220338	0.54325362	0.54622183	0.95143447	0.84534107	0.85741024	0.93138093	1.0710758
0.01731956	0.02001263	0.02121882	0.02081879	0.02089838	0.0272616	0.02835077	0.02825424
77.5389485	81.0861759	81.0279127	78.4478372	79.1749673	82.7003105	76.7141948	77.9902625
6.48532259	6.31667902	5.93101816	5.96384781	6.36564447	5.75244594	6.07070818	5.46629246
8.85858458	9.5694943	12.7698499	10.6925788	10.2037592	10.3338442	11.2399033	10.4324502
1070.16558	968.658193	961.127928	1023.8162	871.488158	904.045198	958.838376	996.753988
0.44992426	0.52418179	0.61302068	0.50769144	0.75825365	0.74515835	0.73254801	0.68433879
0.15557391	0.15246264	0.15557391	0.14623942	0.17424292	0.19291191	0.19291191	0.20846931
					0.04356057	0.05600668	0.06845246
0.03422639	0.02800317	0.018669			0.00311161	0.01244578	0.00622289
0.00617171	0.00613008	0.00562825	0.00578525	0.00639458	0.01011477	0.00898606	0.00524641



15.3742903	16.0746224	16.883162	15.5820595	14.6599328	16.0785976	15.8645159	15.8765493
0.00356561	0.00392127	0.00416018	0.00508604	0.00510555	0.00978633	0.01027783	0.01036116
0.0068696	0.00872423	0.00925203	0.0090776	0.00911239	0.03075157	0.03475365	0.03769193
0.66733715	0.65168443	0.70171141	0.75790465	0.79838438	0.85772485	0.90557438	0.73249615
6.62001819	7.30735642	9.34869299	9.88484597	11.2131509	10.9735018	11.7277307	7.84061053
0.00428654	0.0041369	0.00379049	0.00385133	0.00411839	0.00327182	0.00375926	0.00888766
1.23924901	1.37300129	1.29166839	1.32949818	1.36857293	1.40244363	1.34241211	1.3342814
26.5053361	25.3712257	24.7696099	23.2049131	19.9097817	24.0830182	22.4021741	20.499837
116.638353	110.517698	108.203278	105.998806	101.685155	102.739785	96.4402705	95.8432247
0.09744986	0.10717016	0.11464209	0.11248082	0.11291049	0.08064008	0.08086647	0.081754
0.00110477	0.0010662	0.00097721	0.0009929	0.00106177	0.00071864	0.00090723	0.00186979
5.9723085	5.89826125	5.81611852	5.64883501	5.70844743	5.39011213	5.58447879	5.19137407
0.98331056	1.07944701	1.25975824	1.02020054	1.12655297	1.28340645	1.26570046	2.09284415
6.26193588	5.87988321	5.29398707	5.65714874	6.05017905	6.16401096	6.25391894	6.61534077
2.6818119	3.0231144	3.06122866	3.19951663	2.92586809	2.73094973	2.68069507	2.90357711
22.982661	25.3169038	26.7219595	24.7431929	26.2914498	25.2933542	32.8134363	30.8540215
0.05620083	0.04676909	0.0498807	0.03743491	0.04375472	0.03743491	0.04375472	0.04064343
0.01831738	0.01881747	0.0199911	0.01969746	0.01973874	0.02639638	0.02653572	0.02690021
42.6182996	38.9396547	44.4876732	44.2127639	41.3423823	47.1884677	51.1970674	51.2798775
1.59458216	1.6788334	1.43591639	1.28477205	0.89073724	0.95269312	1.14197646	0.82226189
0.56491305	0.60973542	0.66039273	0.7176609	0.70871437	0.79097199	0.95917999	1.00351715
11.7635329	11.6360333	11.9322181	13.3930955	12.7877697	10.93441	10.8630501	10.4994895
0.17198868	0.18955246	0.17001487	0.16655727	0.18729533	0.25338725	0.23848819	0.21033026
0.00036031	0.00021058	0.00035226	0.00019609	0.0002097	0.00017859	0.0002246	0.00056422
59.3715124	62.6290911	61.6166128	58.4677044	56.6217139	55.4485298	59.3442302	57.1552162
0.44896847	0.46097985	0.50989965	0.52460307	0.48509714	0.52389364	0.53377625	0.3433288
69.2089563	68.0484727	66.8656417	63.5358787	62.4548011	62.3226383	65.9552111	61.5041995
0.91487913	1.21214003	0.94350084	0.7702605	0.64908373	0.65469641	0.33283137	0.26867256
0.45102677	0.49508019	0.51108562	0.58504619	0.66413217	0.6764819	0.6510752	0.8273202
0.06847828	0.07530876	0.08086362	0.08034344	0.08065035	0.14480712	0.15273083	0.15971947
0.02107789	0.0201682	0.01895339	0.0192576	0.0205929	0.01302347	0.01549503	0.03616585
0.01332903	0.01465808	0.01554055	0.01625187	0.01631402	0.02899709	0.03168296	0.03207644
0.01871547	0.0196159	0.02182069	0.02140932	0.02149111	0.02182136	0.02237131	0.02303547
0.01604261	0.0288767	0.03850226	0.07146746	0.058161	0.09852159	0.09064183	0.27346253
9.62976313	10.3133046	10.4304777	10.3922255	9.30309546	10.1970059	10.3297231	9.89216698
0.00200141	0.00207941	0.00253464	0.00219265	0.0023447	0.00142162	0.00167652	0.0039317
1.28495115	1.22204195	1.25380652	1.29211493	1.12953417	1.29503324	1.34058577	1.02969209
0.01128399	0.01071589	0.00997611	0.01013623	0.01083907	0.00353216	0.00446107	0.00888109
0.43451194	0.42805833	0.46293531	0.49792596	0.4120658	0.41842864	0.39622085	0.38044404
2.97292046	2.68806759	2.64060975	4.43556553	5.88495455	4.29094943	3.77508495	2.92715673
0.74982301	0.91832826	0.71323177	0.78284881	1.00587241	1.04468406	1.19882372	1.19741878
2.67683982	2.76059919	3.00715713	3.01024886	2.87792689	2.83781608	3.07767022	2.93927988
0.13934744	0.15548729	0.24580621	0.30560354	0.35334018	0.25007115	0.25007115	0.44510171
8.29786332	8.54094571	6.87650348	6.42582975	6.21127478	5.76235695	5.99902797	6.05581802
46.741339	46.8809363	50.9002013	47.6315388	61.2391355	57.9429995	62.2060173	58.9849141
156.700309	156.924923	173.134874	182.583771	187.799169	192.274746	193.979694	207.670197
4.1820395	4.02080742	4.33746731	4.26928726	4.42693561	5.15488043	5.11734453	4.78486119
43.362189	37.2958368	42.6351695	38.304454	42.7970905	43.4500521	43.7282718	44.9632822
10.1616317	10.3059823	9.80286039	9.76128029	10.0849829	10.459702	10.8533804	9.81920368
0.52003744	0.63484732	0.6415274	0.63044039	0.5810028	0.76481753	0.78562123	0.82433644

2.92764172	2.80990224	1.91448585	1.68261903	1.54069482	1.47341848	1.30970607	1.28890794
68.5183533	66.8962581	68.9809953	68.7186013	71.9134173	73.3511518	70.8697274	69.9564123
1.42188708	1.73759384	1.66587341	1.79153707	1.93136812	1.98641268	2.01490137	1.90398253
1.73890844	1.74554253	1.84892258	1.99335255	1.98611331	2.16791484	2.06316831	2.08182943
262.694599	262.093033	255.001077	232.011317	235.166648	239.713765	234.339561	236.62268
59.4432859	49.4267027	43.5612266	43.1448226	36.000955	21.2435161	27.7841954	20.8464881
1.54557568	1.76922857	1.5431301	1.41302611	1.28459864	1.50097092	1.62425455	1.79323791
0.55836571	1.00640254	1.05616232	1.17004789	1.14813864	0.83904265	0.61886644	1.48786276
0.02895251	0.04178702	0.04498499	0.05457891	0.05794732	0.07082443	0.07397979	0.08378677
0.00250407	0.00248595	0.00228357	0.00234727	0.00259462	0.00542648	0.00429633	0.00672345
0.00108092	0.00121705	0.00111491	0.0011328	0.00121135	0.00123181	0.00145659	0.00358523
82.785735	87.4080909	86.4862036	77.6458842	85.2217165	95.8625778	96.5430291	85.988733
6.00567172	4.66821038	4.26903438	6.46599261	5.45886018	7.61486972	7.11945347	6.66767648
0.08174268	0.11522698	0.10048737	0.09561829	0.091007	0.08507147	0.08789144	0.11505456
1.38913641	1.07123131	1.37304497	0.98411017	1.4819467	1.18946755	1.71841919	1.1179038
0.02222717	0.02540889	0.02693864	0.02743508	0.02753989	0.04250094	0.04579753	0.04558721
2.73793189	2.70299912	3.08202736	2.97482438	3.02220293	3.16363208	3.29929899	3.15855798
0.00265434	0.00256086	0.00234668	0.00238435	0.00254971	0.00239143	0.00297406	0.00603553
0.48731379	0.73616905	0.8026981	0.99389975	0.99096406	0.8060894	0.86241386	0.88894619
0.01097408	0.01206871	0.01279488	0.01205152	0.01209755	0.03816964	0.03872345	0.03987119
1.73588997	1.52718944	1.55179242	1.52260576	1.18267613	1.07863044	1.0400678	1.10691526
2.56708194	2.54375699	2.13927879	1.49183019	1.54541029	1.30615398	1.44620033	1.25163199
1.36632575	1.2384068	1.41552218	1.31509731	1.17783899	1.03439341	0.99850601	1.04672203
0.17092253	0.19516769	0.18449263	0.20267398	0.23601762	0.2466167	0.23227641	0.26858725
4.64157576	5.49986954	5.36488811	5.39004466	5.77462462	5.53411927	5.5961264	5.34548248
0.98674638	0.69461172	0.72918747	0.6048858	0.45943438	0.49749524	0.49954758	0.52385398
0.20235714	0.24686808	0.24452569	0.27729833	0.27209789	0.25338984	0.3157973	0.205753
0.04700188	0.0469973	0.03727588	0.04217252	0.04661447	0.10529438	0.08199888	0.10485646
49.3294808	54.8724637	54.9539114	56.3571194	51.8471982	52.9142611	47.8852776	51.4663566
0.87222651	1.15779317	0.91573661	1.24317007	0.88619923	1.04771452	0.90030043	0.86005889
0.03006355	0.0349926	0.03709879	0.03740369	0.03754661	0.08439643	0.08601943	0.08796542
			0.00936	0.00936			
0.94859107	0.98122737	1.20567388	1.11012932	1.38736194	2.35893103	2.32611268	1.44532119
1.95358445	1.09773872	1.54093509	0.97785541	0.86629155	0.62531362	0.60633389	0.64592223
0.19240508	0.02216856	0.05036598	0.12124479	0.12746775	0.08196603	0.21940692	0.23568432
0.26942054	0.28191217	0.27039321	0.25099499	0.23412234	0.11080744	0.11597009	0.12655134
0.02341988	0.02260229	0.02102393	0.02119955	0.02266949	0.01450812	0.01647461	0.03892961
0.24007922	0.24639923	0.2467388	0.27355454	0.31641293	0.35773562	0.38712062	0.38391209
1.38203751	1.42746267	1.48306069	1.51514479	1.55018023	1.59307802	1.61681414	1.57941131
20.2439133	23.800151	23.8229205	23.6194924	23.0462355	25.8473568	26.4248128	28.4140864
	0.17731942	0.18413077	0.17739878	0.1608058	0.1608058	0.22476225	0.19446721
0.48413086	0.61740365	0.41271003	0.43111354	0.40232569	0.76863822	0.67066296	0.75964298
0.0318912	0.06961716	0.0947031	0.09791163	0.09791163	0.04103154	0.05056008	0.05075418
3.15091061	3.52158938	2.95664855	2.93701607	3.05929589	3.68941133	3.30485113	3.26871607
0.2814966	0.28752546	0.34402921	0.33721547	0.39092138	0.38430658	0.42554625	0.52110652
24.4455417	25.6418638	24.1431065	22.9820578	24.3579986	23.2698326	23.0823153	23.5790602
5.63636318	6.12378246	5.75764744	5.98248842	6.1234141	6.57329681	6.21519541	5.38304039
0.35108822	0.304449	0.29297516	0.3080329	1.03639627	1.11567716	1.26965894	0.63786821
5.98349003	6.06407214	5.83505757	5.60215084	5.50528316	6.01534339	6.42567037	6.70041055
3.17386488	2.77245237	1.57915254	1.15591464	2.8809414	3.29874426	3.92942754	5.05077852
22.028659	21.4766737	21.3092546	22.0736746	22.6182371	22.159623	22.3657802	24.7737635

0.81893095	0.93364312	0.79779007	0.86032792	0.83369773	0.91421389	1.08790012	0.66772415
5.35037939	5.91185081	5.81403893	6.10542573	7.27215751	7.49520295	6.75547884	7.23871883
11.642952	10.9497948	12.9003206	11.6560654	11.2534305	9.18596054	8.68179342	8.13891677
0.22236106	0.20818051	0.22007344	0.1980511	0.2608224	0.36695952	0.36175284	0.23331114
0.42081335	0.42242993	0.38466013	0.37466329	0.39838662	0.47929195	0.59195878	0.89155812
62.9517887	67.5225531	63.7909442	53.261495	45.3772692	45.4426649	40.1996472	38.1344329
1.41320578	1.42831966	1.10481605	1.43451521	1.39634178	0.73301673	0.69079931	0.16548574
48.3670903	41.0595296	40.0824665	37.1766052	40.5857639	42.9253821	44.8665682	43.051489
8.19473675	8.72464209	9.28333644	10.4519822	10.6347923	10.8698955	10.1777541	10.1536435
0.26359206	0.27629495	0.28582195	0.29852483	0.27629401	0.25723967	0.23818457	0.23818457
0.09918286	0.09646952	0.09044913	0.09297219	0.10276476	0.1189704	0.12274288	0.13695637
3.69374742	3.77998434	3.89121381	4.00628052	4.12079184	4.88723004	4.95582299	7.49802599
0.11676425	0.12841109	0.13613748	0.17173411	0.17239013	0.2055061	0.20628699	0.21347331
31.164581	29.9167834	25.3525159	20.2309118	17.6292782	18.744219	20.2429568	21.2296817
184.807856	162.058556	149.295138	133.905703	142.476578	165.58516	157.877256	159.651288
0.05722885	0.05718627	0.05714369	0.06358184	0.05710114	0.06618841	0.06614582	0.0690478
40.0061685	46.046265	41.9128669	49.0350884	52.337985	52.8947572	52.268015	60.0415367
3.17041635	7.67464244	7.71805278	9.24456755	5.29319078	5.60292532	6.53963429	6.97183344
0.43560036	0.16179012	0.5382792	0.41070852	0.62903357	0.53505986	0.45426431	0.45271151
0.35188251	0.34245102	0.38435601	0.47935026	0.58912551	0.50262382	0.65469226	0.71711596
0.4698192	0.39662982	0.37473624	0.35284266	0.33094908	3.25513422	3.44980179	3.67464336
0.00025438	0.00014415	0.00016629	0.00010298	8.4155E-05	6.8804E-05	7.7894E-05	6.8472E-05
0.02388739	0.02371729	0.02178394	0.0223916	0.02475025	0.0390123	0.03775915	0.04174851
0.05009414	0.05412518	0.06045395	0.05931465	0.05954124	0.04183467	0.05278444	0.05324082
0.79631547	0.69225413	0.92735878	1.01029421	1.03798925	1.06102256	1.11081279	1.16399272
0.03426715	0.03768518	0.03995267	0.03919947	0.03934923	0.06655857	0.06877789	0.07491614
0.00093067	0.00089809	0.00047782	0.00064731	0.0006922	0.00043637	0.00049489	0.00122899
0.00478953	0.00526611	0.0055842	0.00547892	0.00549997	0.00598739	0.00595152	0.00670529
0.66344507	0.65932068	0.66167718	0.66498092	0.6660901	0.67692551	0.68322437	0.05744187
10.4441512	11.170383	10.7801981	9.70970681	9.1762162	9.82012914	8.53140319	9.10588567
1.8441572	1.86269313	1.92645059	1.80729019	1.98981465	2.36847538	2.10520848	1.85402661
14.8012258	15.2551455	14.099761	14.1520329	14.2768858	13.6288574	12.1952978	12.5767232
0.71890109	0.60150554	0.48895606	0.48895606	0.52379654	0.32954415	0.38702018	0.32046304
0.0307615	0.03382715	0.03806905	0.03735137	0.03749413	0.08306877	0.08992997	0.07932855
4.97583307	5.31810607	4.83748677	6.07446091	5.82193656	5.36547261	5.55540801	5.34744212
0.00016023	0.00015463	0.00014166	0.00015832	0.0001693	0.00044162	0.00053173	0.00161442
0.01053512	0.01158596	0.01330667	0.01305581	0.01310568	0.02333542	0.02255483	0.02245225
0.06534108	0.15868548	0.09956736	0.11512476	0.30181356	0.2644758	0.20545473	0.19602324
31.8384895	35.9135252	32.8631862	28.1283255	31.3766655	30.807353	33.6539581	37.7982345
0.67030524	0.54201015	0.55316844	0.52368228	0.64081908	0.65212884	0.53246754	0.37948284
0.01621226	0.01813605	0.01745545	0.01823722	0.02015842	0.01675213	0.01401806	0.01632741
1.52861031	1.65031088	1.77515075	1.77905234	1.87039714	2.01181261	2.56107097	2.475541
2.92713747	3.13949093	3.15531244	3.30571644	3.3081165	3.62370078	3.72158638	3.66323088
33.6878105	42.0751476	45.5147686	46.9973727	41.361056	58.0281649	42.4274884	53.0948717
38.2031396	39.2583834	41.7144957	41.8426004	43.9016079	46.3807682	44.2427188	46.6899476
0.386586	0.42548844	0.37374912	0.4425732	0.49114428	0.5157936	0.43562268	0.41920872
0.17535456	0.18776274	0.20659626	0.23789976	0.25668186	0.2411622	0.22226688	0.29018517
98.1698762	87.2175044	83.4084892	78.9908014	81.0236679	80.7932835	88.1614536	88.7605623
0.49761562	0.67647396	0.80084082	0.82037311	0.79744913	0.70576761	0.62692603	0.55657079

486.80174	485.924647	506.729887	512.742243	499.362256	567.124876	540.010838	490.815982
13.5808417	10.5354612	7.82120148	15.8115306	16.3239243	16.8860693	17.0253137	17.802726
0.00176887	0.00153242	0.00165288	0.00183459	0.00196181	0.00102805	0.00138593	0.00343735
28.1294928	30.8110556	32.2088447	31.6913139	25.3278	24.6481342	25.6783933	29.0942567
0.0005786	0.00073218	0.00067081	0.00068157	0.00072885	0.00068636	0.00079613	0.00192306
10.4364458	10.9993612	13.1839396	13.7042347	13.7505818	14.4396	16.4407222	18.3298703
0.0070016	0.00695233	0.00638506	0.00656317	0.00725479	0.01403652	0.01441304	0.01496187
0.01851513	0.01839025	0.01688474	0.01735574	0.01918375	0.03122249	0.0297387	0.03241557
0.52940745	0.61603776	0.71871072	0.83742633	0.97539312	1.13581962	1.26416082	1.48554939
37.1816988	41.3350343	45.0483559	47.5622621	40.825396	40.5493065	36.5269836	39.8224149
0.77785129	0.65984111	1.00498569	0.96117509	0.69291256	0.66519486	0.70682468	0.73751816
2.6293333	2.50358182	2.28253776	2.39235323	3.10127712	2.92049302	2.44443364	2.2114427
0.17063256	0.11245343	0.18381376	0.18621251	0.18621675	0.14359357	0.14661619	0.15634184
0.41584346	0.43206447	0.4324536	0.5147621	0.48310902	0.35750982	0.31447004	0.29217092
0.17190759	0.19709055	0.41662968	0.38512628	0.6211077	0.72854826	0.82062496	0.82062496
0.00046107	0.00049793	0.0004596	0.00057376	0.00049076	0.00064809	0.00073057	0.00072105
0.26442965	0.21776557	0.20221109	0.2146546	0.21074328	0.28446112	0.27356692	0.28492146
0.72186324	0.72808646	0.74675513	0.79653891	0.79653891	0.80276181	0.73742064	0.77475863
18.5249464	19.7743468	21.4033163	23.8486106	26.420537	29.257269	32.4004349	36.0071544
21.1607814	24.485407	22.7439401	25.3762273	30.0685416	28.9565888	26.2991311	23.7644787
1.39234424	1.53650938	1.80132958	1.78643719	1.45582859	1.60098739	1.53944004	0.91740331
0.0997446	0.09931201	0.10336308	0.10471196	0.1047145	0.07223986	0.07132205	0.07879008
142.587346	148.744181	153.677812	171.613192	176.12011	178.8662	186.617418	203.123644
14.4821724	15.9116051	16.0084817	14.7375022	14.4733631	13.4755749	15.1947561	14.9862414
15.1504433	14.1343417	13.6491612	14.7450166	14.7028224	15.3256439	13.8182794	12.6471282
0.05859981	0.06486128	0.0631922	0.07418284	0.0728368	0.07451477	0.0604276	0.05627657
28.1033157	27.3023308	25.9371246	27.8891704	25.2268745	26.0739926	24.0351877	24.1178888
0.03169691	0.03480852	0.04744878	0.05415656	0.047934	0.05104528	0.06368522	0.07010226
0.10779713	0.11972702	0.19059196	0.19862954	0.19502512	0.22161997	0.26637867	0.28334042
6.53786582	6.54794759	6.96913828	7.62831858	8.61648854	8.810263	10.5264056	11.3187873
34.3298902	34.6907573	28.6066799	28.2590584	24.2568214	24.0816698	27.3765673	24.7062954
9.26759103	9.73517875	9.91270161	10.8263182	11.0369626	11.3643397	11.8241017	12.3788354
0.60428638	0.67729917	0.67183727	0.76413343	0.67752553	0.53182927	0.53464833	0.57161584
0.79049015	2.09720081	5.83430297	7.9307311	7.81086941	8.86043969	8.70594603	9.50765006
34.5686121	34.6200369	35.622831	33.8833898	33.3592117	31.9839127	32.1201088	31.6946655
0.06912277	0.05744585	0.09825498	0.09881204	0.10190811	0.07324968	0.07524295	0.0733448
0.10853257	0.11108704	0.11220079	0.113665	0.11366765	0.08018927	0.08005499	0.0870607
1.34217372	1.16698633	1.40561991	1.62494519	1.14042036	1.15745693	0.92874659	1.09003934
15.67838	17.0792537	19.7209654	20.5900049	28.266818	31.4950807	35.4790285	30.4621037
0.26625266	0.25396678	0.28796824	0.29913209	0.31927506	0.28747748	0.27850157	0.28291492
1.73984465	1.82360737	2.07012731	2.17820342	2.03382504	2.0324618	2.0714676	2.22157438
0.0541615	0.05159043	0.0561329	0.06661333	0.07606802	0.0773531	0.10091669	0.10938046
1.75014448	1.31485066	1.40278813	1.31582692	1.66047641	1.66047641	1.24429664	1.31088853
0.04692638	0.05244802	0.05109992	0.05773524	0.05668772	0.06661008	0.07255062	0.07360214
102.159395	100.907015	112.115358	125.241946	123.945055	135.615911	137.91205	131.999569
2.19019172	2.23229223	2.45385019	2.94789986	2.7032308	2.62622947	2.72518089	2.78087424
7.32072865	10.5815069	12.829109	14.8570639	17.6645244	13.720196	11.4895344	11.9842427
1058.49878	1208.3556	1189.02263	1259.25191	1295.17918	1426.8505	1506.57455	1686.00728
0.8186081	1.11587783	1.70479666	2.09365594	2.00485345	1.83113442	1.93468949	2.17810191
0.0288767	0.0288767	0.03208522	0.04812782	0.03850226	0.03529373	0.05775338	0.08983891
0.02216858	0.02216858	0.02216858	0.02216858	0.02216858	0.00320852	0.00641705	0.00641705

0.00320852	0.00320852	0.00320852	0.00320852	0.02245965			
0.01321524	0.01292751	0.01391777	0.01601632	0.0158738	0.02138694	0.02297555	0.0134731
9.16425529	6.327292	9.27338315	9.40491457	5.41926293	7.14151851	7.4192753	7.18774632
0.00966082	0.01027665	0.01001869	0.01410475	0.01384902	0.0239116	0.02630133	0.02699077
0.0186128	0.02286399	0.02228106	0.02517426	0.02471772	0.07513736	0.08893581	0.09818728
0.76334508	0.421488	0.19105595	0.36771941	0.12775904	0.05755924	0.13757843	0.11541018
10.8031606	11.2756885	10.7113839	10.634916	10.1941804	10.4769616	8.95815337	12.5516867
0.07225291	0.07194459	0.07267691	0.07362534	0.07362724	0.07033927	0.07035671	0.07521691
2.09569161	2.2175339	2.34262139	2.57432559	2.74378898	2.88119708	2.81783632	2.92091594
66.2360583	71.0055804	69.0658658	65.723027	61.363128	68.5589563	69.6247644	66.9397443
348.93652	360.003493	345.637385	343.681755	330.744402	335.237485	349.396762	350.094857
0.26403492	0.28086581	0.27608518	0.31193486	0.30627433	0.19703328	0.20694016	0.21296874
0.01862174	0.01854227	0.01873663	0.01898114	0.0189819	0.01544968	0.01697928	0.01582419
30.7339076	43.0629732	34.034438	30.5441436	27.3320595	24.1709352	25.4371761	25.5842656
4.95541875	5.08757803	5.81640569	8.67511026	9.07632658	9.37378378	9.72022285	10.2918572
12.5475284	12.611802	13.3490059	14.9533609	15.6066397	15.8366958	16.6220806	17.5526317
2.62165699	2.64381972	3.33376849	3.75691214	2.45968336	2.29882106	3.02947068	3.23715482
23.3168325	24.1311753	26.1608767	29.8415464	31.4860868	27.0829857	31.8905091	35.2512875
0.29606981	0.31075401	0.29315268	0.24132495	0.29256438	0.28293881	0.2886765	0.26223172
0.03054875	0.03239745	0.03152985	0.03431249	0.03365479	0.04571394	0.04796604	0.04936757
76.5451058	63.241192	75.5964535	75.1616073	93.2754417	97.4292675	90.6246636	106.74144
13.3856897	13.9498206	13.7899364	12.4403501	12.0393602	11.4554275	11.022271	10.8269553
0.06417043	0.06096191	0.04171078	0.04171078	0.01604261	0.01925113	0.01925113	0.01604261
22.9312564	29.7728584	27.467529	22.1615518	22.545758	22.575057	27.9620774	30.5374751
0.31768298	0.31835755	0.34234489	0.38114187	0.41080031	0.48873203	0.56979329	0.49412316
0.00607323	0.00366225	0.0067541	0.00374858	0.00374892	0.00383931	0.00420346	0.00477507
38.0991482	41.3742145	37.4706064	52.0987429	46.2971247	48.8532347	42.9701757	47.1467498
0.29249103	0.38541483	0.39859275	0.46555014	0.43911957	0.43143904	0.39514893	0.43158313
178.784374	183.503894	171.212163	175.174454	176.224597	188.818166	197.465936	191.683198
5.37258094	1.58852881	1.44469276	1.53496143	1.42737358	1.68187355	0.95062867	0.60808418
0.01604261	0.00320852	0.0288767	1.17157233	1.07159812	0.47800155	0.86227722	1.88076392
0.08049609	0.08359214	0.08359214	0.08668787	0.08978392	0.09597603	0.09597603	0.09907209
0.18553805	0.19736516	0.19473866	0.22281061	0.21876738	0.35381688	0.39084358	0.41606837
0.35528395	0.35074421	0.36340289	0.36814525	0.36815314	0.2799849	0.2899982	0.3060742
0.03611427	0.0384151	0.03742532	0.04507013	0.04425244	0.07085052	0.08107781	0.08355896
0.0507085	0.05140831	0.05254936	0.0593729	0.05829551	0.05331759	0.05724898	0.06000727
0.01925113	0.01925113	0.01604261	0.02566817	0.02934907	0.03760656	0.06460559	0.06356806
39.7464462	36.3426357	36.3442244	37.6921055	39.3928773	44.7085382	45.1385116	44.9176499
0.03373527	0.03616294	0.04859796	0.04191659	0.04191784	0.03056263	0.03137705	0.03327424
1.05372228	0.96084734	0.99886437	2.02438554	1.77212495	2.40143042	2.47644387	3.04287079
0.1902002	0.18635947	0.19127696	0.1937731	0.1937773	0.07593605	0.08349141	0.07516132
0.41237686	0.40593458	0.43763575	0.46945065	0.40262187	0.38998725	0.37727253	0.37730675
24.5350698	22.7976147	21.6389045	23.6280645	21.3478556	23.0479061	24.8938725	26.762597
0.90074692	0.72992423	0.86653841	1.31291212	0.83863215	1.03631098	1.30389825	1.4792999
3.4494633	3.17059002	4.0321573	4.69033335	4.86566115	4.22660271	4.93077603	5.60460521
0.16363491	0.24307198	0.34711509	0.25415904	0.20369589	0.19105595	0.20389004	0.22080648
22.3429642	22.5068247	23.5587422	24.617172	24.1568325	22.0396524	22.3901216	21.112836
35.4917106	41.73894	50.4974764	50.3449067	56.9224213	61.9485671	70.1330768	74.5036659
345.827131	368.534098	381.010193	396.08365	431.068077	459.143804	471.94811	479.405703
12.9533698	13.5576289	14.0416777	14.8215624	15.3072743	15.3892867	16.6624414	15.9662864

51.8688597	54.7701429	58.4025225	58.6419032	66.6904037	70.227873	76.5000514	80.4031951
50.3986182	49.7291897	66.9851456	37.831094	15.4254665	25.086371	31.9860702	28.3719832
0.01005179	0.00707131	0.00707131	0.02255125	0.03495126	0.00399137	0.00399137	0.00399137
25.3609677	27.3516375	29.3068691	29.5492424	30.5721871	33.2355414	34.4685954	37.6171631
130.780242	126.715793	128.094912	131.560967	129.619777	135.662749	132.510044	141.3497
5.23113935	5.05155844	5.23260637	5.44244644	5.49494734	5.50127334	5.53929005	5.64536571
4.72762483	4.90637923	5.06197642	5.49796212	5.34598537	6.27757659	6.27913043	6.62765445
407.640645	413.342664	406.199165	389.798262	415.318806	425.754884	419.003792	448.859969
74.4794522	67.6660743	55.2830714	56.7676056	54.1176713	65.9779392	61.3581025	73.1872626
0.26029118	0.35343522	0.3999191	0.89918819	1.21053019	1.92964703	1.37066581	0.93166788
2.20147699	2.48290444	2.41344803	1.81172757	1.7409043	2.010329	1.7704716	1.62374499
0.16100745	0.20241128	0.26078408	0.31229285	0.34213954	0.37778595	0.42596892	0.58731663
0.00536186	0.00524253	0.0056469	0.00649835	0.00644085	0.0114739	0.01098484	0.01726624
0.01821969	0.0211656	0.02137664	0.0216556	0.02165607	0.02648208	0.02726081	0.03034204
106.624176	117.673077	133.635929	116.178354	123.815199	155.641576	162.955626	167.984817
13.5619901	14.3092962	15.0926953	18.9550477	22.7146141	24.9368125	28.9122231	30.4853695
0.10907292	0.11605102	0.137125	0.15439417	0.15432162			
3.61816655	4.97234914	5.93613959	8.02879479	8.15247639	7.23946101	7.66715231	8.56296217
0.06022327	0.06659025	0.0648746	0.0760837	0.07470307	0.10384537	0.1171975	0.11875444
13.0387891	12.9578926	13.3869272	14.4304641	15.154996	15.7670037	15.9671348	17.1832814
0.04474088	0.04453575	0.04499416	0.04558133	0.04558284	0.05141215	0.05566127	0.05107915
0.24610028	1.06199733	1.36461869	1.17133107	1.4284293	3.16787418	2.94276737	3.36903147
0.02973366	0.03162903	0.03081308	0.03342159	0.03281511	0.09326242	0.09909468	0.10386424
5.63418545	6.16417544	5.46139989	6.03563443	5.00330639	3.93912141	4.08948565	3.87770819
0.90771124	0.73527399	0.4512006	0.15924521	0.17830197	0.23295721	0.41482947	1.15469286
4.04665357	4.28627173	3.7779784	3.53081482	3.11215044	2.6113146	2.61312841	2.48782946
0.36147238	0.40565186	0.45060627	0.55573086	0.58256991	0.51794464	0.59061313	0.68653561
11.4030217	9.66242971	10.3235609	10.3060275	10.624905	10.8785545	12.8658965	13.7294324
6.19809197	5.98495465	5.15049784	4.95949992	4.36915993	4.07044309	4.32412513	4.01573529
0.22758705	0.11537906	0.19241164	0.28208717	0.27872795	0.34934421	0.33647408	0.27887938
0.1006433	0.09911087	0.09217742	0.11675361	0.11571491	0.22263723	0.2096547	0.26927787
83.2609288	87.7460164	97.1349307	111.316468	110.886577	121.637126	124.998044	126.192246
6.06506273	6.58420093	6.06441805	6.91340318	6.2463809	6.11223021	6.49740127	5.79919544
0.08145549	0.09170673	0.08934264	0.10372892	0.1018467	0.20621141	0.22012677	0.22914945
1.57990992	1.63074042	1.59571386	1.62023922	1.69266042	1.5866055	1.97767206	1.9376667
2.07219039	2.2871817	2.34377787	2.50016559	2.67335643	2.35450641	1.91279124	2.23455597
6.59205672	5.86041851	5.49694544	6.24726509	6.13287676	6.57639969	6.40720133	6.97226483
0.02632461	0.02632461	0.02963412	0.02031147	0.02051343	0.04648461	0.04714098	0.03993891
0.55206386	0.59424808	0.58077798	0.65358129	0.63452145	0.2707432	0.29677155	0.32966557
0.39475995	0.39307541	0.40310236	0.40526915	0.40527783	0.31190266	0.30833143	0.32946412
0.63497973	0.69204348	0.70874241	0.83708064	1.02208464	1.15710165	1.26415191	1.28591325
0.30452917	0.4070342	0.60001166	0.74165167	0.74406896	0.99729655	1.05005498	1.01542251
26.3959123	29.8629785	29.798067	33.6371489	34.4568862	37.4419931	40.7757126	46.8830022
0.04444477	0.04351819	0.03707782	0.04659124	0.03644285	0.00644037	0.00858684	
0.46990691	0.45860275	0.46282097	0.52620628	0.53440135	0.64779057	0.7548092	0.86718566
0.22037604	0.20835704	0.2207836	0.24201024	0.19954657	0.22631966	0.2075627	0.2291969
5.38232103	5.68447374	5.97210867	5.97205818	6.30933138	6.71400873	6.22955718	7.10414496
0.88744527	0.95648601	1.02876564	1.42358398	1.28753354	1.40335848	1.52502356	1.50297596
54.8678914	55.7548604	57.2354846	59.6986616	55.4405551	56.8265012	60.0207914	61.2865138
0.51521719	0.62942943	0.53555653	0.5649484	0.67647971	0.49590402	0.62948512	0.65141087
0.03091511	0.03091511	0.0858753	0.09274532	0.05152518	0.02061007	0.01374005	0.00343501

3.23129247	4.12236879	6.18854068	5.68562048	6.87308826	6.61107738	8.29674979	7.32742341
5.43303627	5.37826515	5.57832102	6.19932213	6.84956616	7.2940314	8.00182482	8.62450527
24.9956091	26.2228922	28.4634306	27.1477392	31.0293255	32.8999788	33.8025372	33.7921058
1.12690866	0.87421707	1.14548049	1.88880366	1.0364934	1.14111912	2.0685225	1.4460324
3.04139571	3.55773336	3.81438594	3.65696322	3.28448493	3.10751791	2.58047916	3.25569183
16.3727294	18.3460381	21.7809561	22.340353	20.1447433	22.4049542	23.1797167	21.9778481
0.62413087	0.62395222	0.73537393	0.76715626	0.75555573	0.76449542	0.97231161	0.6490206
0.73004041	0.74984777	0.80110436	0.90321205	0.88236516	0.93804749	1.33637145	1.49827002
173.790162	179.372519	174.659878	168.92035	164.890077	162.853408	165.31758	160.773501
17.3182591	17.6496554	18.4574706	18.4281805	20.3664603	20.4574757	20.0814031	15.9479849
11.2893893	11.2979753	10.9765587	8.65375116	10.4707843	11.5422255	11.9928151	11.4469535
19.5301408	15.3817042	16.3811179	19.0640511	24.0148255	21.8308501	21.4907091	24.8546784
0.11119076	0.02223815	0.01906148	0.01906148	0.02223815			
0.2123764	0.20344101	0.22366651	0.25739129	0.25510135	0.25155417	0.31382894	0.35171242
6.7949442	6.94494999	7.00619436	7.02553203	7.10540721	7.0792029	7.815852	8.5974372
0.31636616	0.3365329	0.32785116	0.47625769	0.46761527	0.50212674	0.5278957	0.55609684
62.2155856	64.7737931	53.2166262	45.5071722	40.3350315	42.1370988	44.8961202	41.1698692
916.556092	941.378923	870.350634	858.229451	866.284763	874.522544	875.521116	877.562269
					0.17034637	0.17034637	0.20569415
80.2234535	81.5899078	87.5095472	94.0038152	97.2214265	102.458024	104.757272	107.244463
36.4045544	35.4378036	38.4104147	38.0542959	28.467486	36.0565935	36.67564	38.1530504
0.87635788	1.00752527	1.11088344	0.92506806	1.0480596	1.31933465	1.37999954	1.8499181
1.00679877	1.04148897	1.14507114	1.20145842	1.282827	1.46732906	1.61831812	1.50738242
20.9688003	21.6462287	21.164	20.9590555	22.5267409	24.3636143	24.1959042	23.2194988
0.00152104	0.00109302	0.00113569	0.00118841	0.00116528	0.00202164	0.00229819	0.00234088
0.05114915	0.05001652	0.05386828	0.06199062	0.06143957	0.08248865	0.09654258	0.10721276
0.13572727	0.14184837	0.14558736	0.164493	0.16150804	0.10221745	0.13507724	0.13869204
1.30832732	0.86662947	1.35240268	1.40481252	1.04232804	1.10669878	1.21705617	1.30631848
0.09284491	0.0987633	0.09621544	0.10870902	0.10673638	0.16262699	0.17600506	0.19515614
0.01568715	0.0156187	0.00916142	0.01237463	0.0123749	0.0093813	0.00926211	0.01040106
0.01297696	0.01380114	0.01344806	0.01519429	0.01491889	0.01462938	0.01523016	0.01746725
0.29583766	0.28724742	0.30261994	0.30580589	0.30581249	0.27409998	0.31170773	0.26787843
14.6443701	14.2091075	14.1473339	13.6736431	13.4875498	11.2586492	11.7837468	10.1613495
5.87066087	5.58022632	5.84014739	6.28374783	5.44916167	5.59014297	6.1389133	6.45433872
9.7415243	14.2164239	10.2362747	11.0363321	9.68533367	7.7840054	8.78701339	10.2286191
0.05369459	0.04881341	0.06101676	0.06101676	0.04881341	0.16352555	0.16596654	0.21722054
0.08334655	0.08865238	0.09167926	0.10358382	0.10170435	0.20296744	0.23013397	0.20665045
9.81690441	10.9026401	11.6438084	12.7302901	13.7938828	14.4187286	15.0616611	16.824994
0.00270076	0.00268923	0.00271604	0.00302666	0.00302672	0.0094941	0.00995158	0.01366298
0.02854432	0.03036387	0.0320456	0.03620672	0.0355497	0.05701699	0.0577186	0.05848798
0.05775354	0.05133648	0.05454501	0.13796679	0.08627697	0.09922887	0.18556473	0.05248287
49.0419511	55.3813632	59.7509769	55.3126087	54.2712578	55.0135702	58.6226345	60.2974972
0.56452869	0.58462371	0.69650955	0.69650955	0.69837768	0.57184974	0.55231011	0.46516437
9.1715085	7.41587022	7.56269514	7.16538933	8.76794193	8.92244133	9.61597197	9.69756381
0.03471467	0.03824646	0.04316458	0.0504893	0.05004088	0.03542115	0.03584137	0.0419298
3.07746648	3.14295201	3.40125885	3.68673897	3.73331358	3.76112874	3.90967032	4.35292203
4.5364524	4.80436559	5.19228158	5.56113487	6.01538668	6.12257093	6.69855192	6.71884856
45.3047434	50.6201995	55.4828162	60.2181272	65.3110899	68.3584342	69.831614	64.5318691
68.6603985	73.2080852	81.7510339	90.4421925	97.3929648	111.532134	116.506112	121.003247
0.55066065	0.39330555	0.43927521	0.07596057	0.14629716	0.327291	0.15637422	0.11959332

0.00320853	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853	0.00320853
191.150117	156.280213	145.021692	139.170431	137.159018	132.81091	128.056057	127.868964
0.34057505	0.70059133	0.5084646	0.31887889	1.36243342	0.43834158	0.02529878	0.0378421
2167.45963	2241.45337	2481.21011	2535.6057	2515.82117	2541.64086	2560.42421	2395.69035
33.8914173	33.7840021	34.2324972	36.9015077	35.1198789	38.6731428	38.2914744	38.273285
0.02981561	0.02665021	0.03169148	0.03507156	0.03507266	0.02210145	0.02593837	0.02909052
13.6061924	13.7235541	14.7698748	17.0277864	15.7022474	16.1957375	21.5728172	24.3313125
0.0097527	0.01273322	0.01286171	0.01302956	0.01303009	0.01475556	0.01489997	0.01627496
4.48715585	5.62845308	8.12544748	10.4863664	9.63587406	11.495196	12.3685904	15.5818009
0.01499225	0.01466151	0.01578925	0.01816998	0.01800915	0.0296792	0.03685124	0.038423
0.03964572	0.03878252	0.04175332	0.04804895	0.04762139	0.06601767	0.07603591	0.08324519
2.31414708	2.38950195	2.66340336	2.92807326	2.9185506	3.20626251	3.42405435	3.49988859
167.155389	175.204692	184.317057	192.075616	181.960707	189.392205	176.081105	180.355316
0.05904505	0.05256043	0.08008031	0.07774274	0.05188359	0.05505285	0.05739041	0.05739041
7.32920373	6.56875403	5.86134563	6.09885123	5.87496505	5.27926915	6.84266802	6.27879738
0.00123073	0.00112236	0.00130744	0.0013665	0.00140236	0.0011583	0.00119559	0.00117843
0.12330756	0.11676711	0.11878503	0.12037971	0.12217026	0.12568684	0.11758045	0.12467336
0.1554901	0.14388902	0.15744181	0.17848795	0.17897263	0.17929338	0.26350748	0.28420507
1.472E-05	1.5104E-05	1.5472E-05	1.5839E-05	1.6208E-05	1.6671E-05	1.7767E-05	1.8113E-05
0.19003974	0.17478099	0.14080004	0.11320542	0.13678602	0.11735553	0.18077929	0.19083658
0.03802185	0.03923653	0.04106476	0.04289272	0.04472543	0.04656623	0.04594697	0.04595361
4.15289526	4.28213201	4.47166106	5.34301263	5.77141138	5.60399424	5.91567924	6.54491046
4.28939783	4.40398077	5.80744806	6.47714147	6.36171737	5.2422788	6.02597744	5.45055372
0.1305315	0.15206683	0.15663227	0.15920738	0.15334759	0.12536296	0.15910042	0.18021701
0.00094573	0.00099117	0.00098547	0.0010262	0.00105387	0.00090192	0.00091889	0.00091915
12.1696091	12.3388388	12.7352837	13.3424375	13.4878714	13.7902817	14.2029999	14.3027228
4.18460215	4.24357952	4.45717039	4.35284691	4.35753385	4.53883991	4.82870026	4.86872798
0.25400285	0.25752638	0.26795996	0.21527432	0.23537439	0.26375336	0.37921922	0.53382098
0.01545004	0.01538128	0.0153534	0.01541594	0.01589141	0.01602165	0.01612874	0.01653691
10.538267	10.4066304	10.8449456	10.6908345	10.5206061	10.885968	10.4635418	10.5449089
0.17437923	0.1663724	0.20390336	0.09931318	0.09955954	0.12024733	0.12112969	0.12160299
0.02475254	0.03823144	0.04403512	0.04455867	0.04925347	0.04981395	0.05156874	0.04440022
3.22257271	3.31341285	3.08541303	3.3436887	4.08011853	4.92439883	5.68268168	5.69458034
6.48152664	6.24886872	4.807943	3.74732428	3.69488995	4.5615155	4.13213692	4.09040156
1.74317145	1.67222417	1.86741862	1.79092104	1.89225872	1.7637022	1.88752915	1.8583356
0.00630771	0.00677839	0.00658827	0.00705292	0.00691385	0.00604391	0.00615134	0.0060806
0.22886546	0.26348558	0.292045	0.37951024	0.45527727	0.51312184	0.55552868	0.56551975
2.92050757	2.95704541	3.06807623	3.54479696	3.67673302	3.49066195	3.50800198	3.85849821
0.00170291	0.001709	0.0019074	0.00195217	0.002003	0.00194692	0.00198502	0.00197995
0.00116288	0.00121041	0.00118189	0.00121459	0.00123372	0.00106331	0.00107571	0.00106579
0.36812093	0.38793508	0.42416428	0.4701519	0.48294426	0.43837904	0.40747486	0.42112407
31.6396906	33.3149089	35.5072581	36.9141413	36.1568947	38.2680561	35.9896886	37.0529754
0.03555594	0.0482979	0.07402692	0.10835733	0.10459921	0.10849059	0.10086097	0.11846287
0.05565073	0.05750257	0.21680233	0.12043076	0.11670749	0.13063887	0.12553308	0.13041459
0.12524856	0.12801036	0.13936024	0.145221	0.14603824	0.13618835	0.14339937	0.15922339
0.14386111	0.0893821	0.14271005	0.13676875	0.16603607	0.05702573	0.08157223	0.13979336
0.00826093	0.00858752	0.00868026	0.00883855	0.00898275	0.00931874	0.00952393	0.00965773
27.9821155	27.5207671	28.7330628	28.8926622	29.5308001	29.5213243	27.9500342	29.641613
3.07121735	2.85273624	2.65083097	2.61403229	2.59749985	2.72135879	2.7440652	2.64181446
2.83487211	2.97106123	3.09870757	3.01776296	2.8081519	3.51261154	3.54669198	3.40084907
371.671923	381.16861	398.532871	413.641155	434.176716	448.491883	478.63224	522.008863



0.28593233	0.5005113	0.55771943	0.3802984	0.39687981	0.40372532	0.42264227	0.42900288
0.39883947	0.3209029	0.40344504	0.48881588	0.54968062	0.55811259	0.59445533	0.56621883
0.1535733	0.21569922	0.16983228	0.17615454	0.18925466	0.18988069	0.21003534	0.24044792
0.04978597	0.0282986	0.00684386	0.0070868	0.00733601	0.01704625	0.0089908	0.0091705
0.00010228	0.00010638	0.00010838	0.00010194	0.00010619	0.00012783	0.00011589	8.1308E-05
5.3085298	5.16527928	4.92904639	5.2985307	5.150624	5.4062788	4.36126618	4.14484649
0.00117486	0.00120569	0.00123249	0.00128568	0.00132745	0.00142124	0.00146089	0.00151192
0.00103121	0.00107768	0.00109413	0.00111885	0.00115386	0.00151383	0.00159713	0.00172374
0.43758912	0.42316825	0.41834894	0.47938909	0.4867435	0.50106983	0.51737618	0.53298884
1.2047644	1.21302952	1.29508807	1.26585938	1.28149961	1.18909639	1.02381135	1.02302258
0.00049425	0.00052967	0.00052197	0.00055399	0.00057682	0.00052026	0.00053932	0.00053484
0.74651316	0.80435842	0.77518872	0.73166473	0.73177642	0.75646114	0.74020264	0.76268056
5.73633622	6.01288395	6.00793854	6.21648789	6.03413685	6.16016832	5.98191057	5.67439816
38.3867808	38.9372758	40.9976323	47.4113576	46.4253145	46.9003391	44.1666108	43.1147084
0.00335425	0.00336576	0.0033366	0.00344344	0.00368576	0.00285476	0.00287609	0.00304168
0.02468198	0.03064775	0.0280038	0.00035648	0.02572994	0.02659878	0.02445211	0.02075766
1.70414031	1.83662036	1.81383236	1.80489895	1.76506698	1.80485564	1.79698071	1.77580034
0.62020754	0.70368334	0.78090204	0.80918906	1.21946528	1.27194801	1.13368603	1.23548562
3.67750725	3.83065479	4.50717561	4.54720889	4.90938669	5.24472021	5.24316384	5.79403951
0.92687031	1.19325919	1.13458277	1.02186241	0.90043177	1.08178816	1.13428367	1.17999385
11.0371816	13.5992347	13.8944651	15.8235036	20.7370247	21.2503988	22.956284	25.0344092
0.03272439	0.03768289	0.04352387	0.04661359	0.05118991	0.05521383	0.06054406	0.06442105
0.00087545	0.00089091	0.00089883	0.00091674	0.00099742	0.00103728	0.00109288	0.00117733
23.4530152	22.8776897	24.0490857	25.5984206	26.4625915	27.3061719	27.6301709	28.1814841
0.76858524	0.7730786	0.8129009	0.84669168	0.7717782	0.73687541	0.75951329	0.46589856
0.41019793	0.4494432	0.47839519	0.4813549	0.43323038	0.537297	0.55315687	0.55570414
2.04246993	2.0795313	2.07936903	2.23552181	2.35018325	2.39925798	2.35908683	2.08316207
0.0534192	0.0501994	0.05706466	0.05408587	0.05751439	0.05818858	0.05705638	0.05577022
5.0734E-05	4.6556E-05	5.5867E-05	4.9586E-05	5.1443E-05	4.9565E-05	5.1545E-05	5.1548E-05
28.6044514	28.5072258	28.9012075	29.5713608	28.7332901	29.1405358	27.9300881	28.000415
9.7664E-05	9.5588E-05	0.00010126	9.452E-05	9.4818E-05	9.5393E-05	9.5518E-05	9.5507E-05
0.06830089	0.09136046	0.09756228	0.0958344	0.08905509	0.10125685	0.10911656	0.11628324
18.9321289	19.5010477	19.5625813	19.5027992	18.8292933	18.4781996	17.7236173	17.298423
0.28198993	0.34154105	0.36216661	0.37099862	0.50333497	0.57940308	0.38602145	0.47324661
0.85984666	0.90554709	1.01226057	0.83107534	1.02359623	1.1363936	1.12861959	1.0817433
0.00067523	0.00067541	0.00067554	0.00067565	0.00067573	0.00067581	5.8476E-05	5.8526E-05
0.12623868	0.12948108	0.12969509	0.13704917	0.14567307	0.1475945	0.15466143	0.17404349
0.10184409	0.1008041	0.0995935	0.09855107	0.09746431	0.09581214	0.10877028	0.09443812
0.00259767	0.00266303	0.00272451	0.00282312	0.00293074	0.00317869	0.00329849	0.00344174
0.00300121	0.00303624	0.00309641	0.00316512	0.00326196	0.00327674	0.00339301	0.00352286
0.00172104	0.00174665	0.0017561	0.00179581	0.00245404	0.00187353	0.45791305	0.47695745
7.16016194	7.22615696	7.24855725	7.47315058	7.4483996	7.67077701	7.63235224	7.41662546
0.000431	0.00045153	0.00047711	0.00046816	0.00047469	0.00041466	0.00042201	0.00041664
0.00054267	0.00054241	0.00054264	0.00054312	0.00054526	0.00054496	0.00054646	0.00054579
0.61973223	0.6579286	0.64924392	0.73673655	0.81492406	0.81864956	0.96841975	0.87347526
0.00100139	0.02077258	0.02021069	0.03383635	0.03352821	0.03283998	0.02199445	0.02355496
0.00171801	0.00171286	0.00170591	0.00170411	0.00169951	0.00169923	0.00170013	0.0016967
0.87065881	0.91887443	0.87069752	0.72629517	0.76214398	0.74347741	0.61304017	0.57313049
0.17044361	0.45179925	0.45959204	0.40930452	0.43628886	0.47281272	0.56247719	0.56578206
1.9252126	1.96716311	2.10435477	1.92387697	2.30103862	2.42615849	2.52119809	2.21819687
0.22412688	0.22207931	0.22125625	0.2222946	0.22084503	0.22133395	0.21341722	0.24559896

3.74556335	3.60778174	3.73180685	3.72814466	3.58197597	4.05215591	3.92140706	3.95593149
22.9881046	23.2161605	24.5806776	22.4458871	23.3018065	26.2286451	28.1651717	30.6546255
53.4087969	55.9986693	61.7239068	70.8923073	69.5364416	70.9508502	73.3936819	79.3801139
1.87109644	1.92417139	2.23125014	2.13721319	2.09422635	2.70022072	2.73572806	2.58952293
11.7335123	14.1116743	14.7042682	15.9099656	15.6066988	17.1403544	18.2767808	19.5371851
8.94118532	1.466258	1.50161875	1.62291814	1.59654548	1.55149968	3.42446028	4.37304311
0.47378598	0.48064255	0.51318043	0.60676398	0.68326988	0.69239119	0.85308924	0.92508845
3.23819216	4.14143394	3.63080657	4.1273073	4.1722187	4.39451165	3.0662016	3.19842585
28.7954823	26.8882713	27.0250837	25.6058385	26.1204081	27.3849672	28.9186539	29.2873189
0.36874766	0.39154036	0.41599653	0.4131275	0.39878934	0.41481841	0.45561235	0.24943189
1.60407324	1.65620723	1.51095344	1.23128258	1.24529154	1.19672413	1.4372901	1.64521476
83.7937533	83.7105967	80.8714507	74.2876378	74.3280503	76.5298999	75.120068	72.5170566
3.59159689	2.98327858	3.13759448	3.70212894	4.46933604	4.499568	5.03488804	5.7067308
0.89939934	1.0079951	0.95796897	0.94161733	0.82383696	0.75829264	0.85858262	0.92740893
0.17653176	0.27705028	0.33871104	0.34878588	0.20872549	0.25906651	0.24518782	0.27692663
0.02657906	0.13268318	0.1344132	0.10722563	0.03029076	0.03284708	0.02908977	0.03079559
0.00020547	0.00021025	0.00021447	0.00021539	0.00022074	0.00024604	0.00023797	0.00026651
0.00020146	0.00021739	0.00021178	0.0002178	0.00022176	0.00021656	0.0002235	0.00022194
43.0114761	45.6632831	49.0592848	41.8789298	42.2946379	44.2895334	43.877635	47.2463225
2.99607959	2.88292863	2.99098914	2.78640721	2.75952599	2.91381181	2.75734999	3.26596622
0.01654625	0.01634143	0.01619847	0.05478891	0.05547204	0.06177211	0.06095932	0.13714033
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0.00938475	0.01220094	0.00922178	0.01096837	0.01352344	0.01401069	0.03427878	0.03074745
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0.51212679	0.53065371	0.5556614	0.51177086	0.57176762	0.59324279	0.63603382	0.57700353
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0.75098172	0.68754533	0.69486934	0.67971641	0.71097964	0.73559896	0.64425174	0.65718635
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2.86502629	2.93860236	3.20843225	3.27105964	3.31933894	3.54300576	4.31482298	4.44504569
0.10971293	0.10459809	0.13838361	0.11375252	0.08997331	0.17848995	0.17164062	0.19447646
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0.00111068	0.00116078	0.00110921	0.00113051	0.00117749	0.00166094	0.00143766	0.00169477
26.0652596	26.7439214	26.4071384	26.5846698	26.311806	26.2779496	24.0903842	24.3615512
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0.09248277	0.0886203	0.08877183	0.08486065	0.08254314	0.07605348	0.06366191	0.10500297
0.10879029	0.12464574	0.14291047	0.14037115	0.14339841	0.25297176	0.59131735	0.61232697
0.16763928	0.05194956	0.0434996	0.05212858	0.05263378	0.05403924	0.09185663	0.09242171
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0.00972871	0.00990299	0.0100822	0.01005083	0.0099386	0.01062372	0.01058394	0.01115576
0.07441685	0.06374556	0.10038358	0.08411659	0.10728747	0.0953143	0.10723668	0.10550483
7.22426154	8.16274273	8.45069359	9.13643014	9.28052356	10.3684119	11.9663653	14.3076841
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0.03547899	0.03854544	0.04261206	0.04093071	0.04157028	0.04297637	0.04611297	0.04976138
1.35970487	1.80115211	1.74156765	2.23940521	2.08504713	1.77741095	2.59380703	2.5435487

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12.2854291	12.8830817	12.702816	13.2053816	13.6210161	13.5867544	13.1896099	13.3384103
7.04268808	7.09308308	7.58438719	7.90711442	7.68190655	8.21900149	8.19209886	7.83882956
0.18418094	0.23133383	0.18814563	0.21797881	0.22433994	0.23013444	0.21842846	0.22231631
3.2759196	3.22897732	2.82416965	3.14212703	3.36282493	3.34524409	3.051445	3.16166012
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7.57079137	8.40097116	8.35926018	8.90383985	9.74696587	9.67642527	10.9432558	10.7708822
0.28802136	0.28082634	0.29851479	0.31609526	0.31571641	0.31132833	0.33286423	0.31214237
1.76869764	1.74448259	1.90224605	1.90601436	1.6584506	1.69364209	1.73618201	1.71682585
8.6625318	6.89692021	8.38593532	7.00562936	7.30910778	7.04091598	4.68520343	6.7343103
0.00400999	0.00411203	0.00484243	0.00392246	0.00434544	0.00422852	0.00364946	0.00178899
0.05153772	0.05202691	0.05253011	0.05237145	0.05289101	0.05330758	0.05394602	0.05490045
13.8751561	13.3278851	15.10958	13.7111404	13.160279	14.4732751	12.6278541	11.9150454
0.62420921	0.61854833	0.61095543	0.60509277	0.59885591	0.59146514	0.64534576	0.64979128
11.3607154	11.3995581	11.335868	2.65149667	3.09520729	3.2642214	3.81687631	3.84265777
5.13926638	5.33220187	5.84555119	5.63636265	5.9911999	6.09138844	5.59498614	5.9007574
0.36083712	0.35039852	0.37351818	0.38853634	0.38567953	0.35689805	0.3604285	0.36249752
0.00321989	0.00332477	0.00343181	0.00337179	0.00348644	0.00345299	0.00350302	0.00371449
2.18277294	2.23763379	3.11059318	4.17503116	4.1835414	3.95824745	4.5851855	4.52108573
0.13660622	0.13041902	0.12084921	0.16444331	0.16441046	0.17203524	0.16413876	0.1646241
10.1188134	10.2507447	8.64165714	7.64571466	7.30856703	8.21479274	8.18471039	8.25440183
72.0356221	65.3089931	63.122655	60.4997332	67.6982941	75.6552309	75.3556813	76.4291403
0.0151921	0.01984232	0.0209999	0.04054252	0.04470896	0.04770508	0.05684642	0.06150112
18.0685216	18.8546565	18.5578912	21.2418052	20.7146767	22.2520815	29.5936081	30.7611052
1.63398036	2.13726798	2.3906666	2.43005491	1.50936851	1.84882772	2.08961255	2.12101136
0.188509	0.24661994	0.21132497	0.1761924	0.19172577	0.15919043	0.18205963	0.19115828
0.27557678	0.36822373	0.3865764	0.4585622	0.46114012	0.43907605	0.66565292	0.717375
3.64430619	3.87666399	3.90902094	3.89391763	3.47114815	3.25273648	3.72030453	3.78436024
7.9457E-06	7.9082E-06	7.8889E-06	7.8737E-06	7.8135E-06	7.6828E-06	8.1692E-06	7.1989E-06
0.00111631	0.00115663	0.00119029	0.00119163	0.00123468	0.00134285	0.00135173	0.00142596
0.01523454	0.07766806	0.03149051	0.05249262	0.05267629	0.05228526	0.05834008	0.07179983
0.39573843	0.40902152	0.43195903	0.45458851	0.45387525	0.43492403	0.47182897	0.53281759
0.0190174	0.01938344	0.01983674	0.02059592	0.02117329	0.02218148	0.02301413	0.02378121
5.8545E-05	6.5395E-05	3.9804E-05	5.1705E-05	5.3355E-05	3.5925E-05	3.665E-05	3.5749E-05
0.00038626	0.00039076	0.00039186	0.00040027	0.00041553	0.00041342	0.00041942	0.00044875
0.06689357	0.06949668	0.06622388	0.07148668	0.03598307	0.02354559	0.02545049	0.02775798
3.45020622	3.45471914	3.55158253	4.20804764	4.28440159	3.79406998	3.7933582	3.863366
0.87065404	0.85889325	0.91564369	0.93524228	0.92041297	0.91022867	1.9499254	2.0413595
3.56064699	3.53462345	3.52530937	3.61194584	3.3986557	3.75334065	4.15389554	4.30313857
0.00219126	0.00227218	0.00232557	0.00237449	0.00239503	0.00241233	0.00240156	0.00240025
0.00092301	0.00091986	0.00095259	0.00095757	0.00102609	0.00168675	0.00179238	0.00173881
2.24044174	2.25915529	2.21514348	2.35133314	2.3455891	2.283553	2.4894391	2.38842467
3.078E-05	3.2573E-05	3.2629E-05	3.5058E-05	3.6588E-05	6.0611E-05	5.5277E-05	6.2042E-05
0.02517892	0.02596934	0.02680988	0.02707965	0.02783357	0.02870203	0.02957505	0.03037449
0.15766351	0.18430852	0.18763849	0.22053753	0.26125244	0.30181084	0.34461424	0.34498275
21.0303996	23.9159234	23.4495843	17.3134853	18.7839823	18.9592311	19.6399303	21.5450337
0.48760669	0.39608191	0.3765278	0.37813676	0.43879121	0.57564548	0.59561756	0.62137646
0.36628053	0.40761819	0.37781919	0.39964137	0.36811168	0.37624531	0.37500168	0.38908911
0.00190928	0.00190738	0.00187628	0.00184564	0.00181987	0.00182341	0.00186425	0.00194169
0.00041576	0.00045664	0.00047294	0.00045895	0.00047486	0.00039609	0.00036862	0.00039563
5.40217237	5.88435399	5.39213185	8.28986459	8.80918469	8.75208917	9.88043505	10.5369979

2.62476645	2.41826264	2.33270071	2.39014329	2.47187129	2.77820619	2.81971112	2.57694234
20.5120603	20.8391273	22.0633176	22.4840857	21.3362963	21.4010573	20.8838866	21.6949913
13.6270131	14.1796052	14.5626403	15.0556936	14.1327891	13.8703535	16.5996126	16.500622
0.41031994	0.63337188	0.55793166	0.40394131	0.42806204	0.42845669	0.45917018	0.53208055
0.08699373	0.13622094	0.14162226	0.19147558	0.20930243	0.22231893	0.2559971	0.29252938
25.1524908	23.6042243	25.2082344	24.6212581	26.0494296	28.1608881	29.6927612	30.0529126
0.25661625	0.28886793	0.32509536	0.35641954	0.31894526	0.28237687	0.39924877	0.39518889
154.347155	155.245052	160.054467	160.450214	159.392761	161.249052	138.719172	144.537863
4.22500479	4.28216877	4.26637086	4.07410114	4.31360489	4.01770401	3.88389483	4.0751891
0.00047965	0.0004804	0.00048743	0.00050581	0.00051164	0.00045272	0.0004661	0.00046494
7.80203939	8.04451155	8.18327902	8.21157325	8.34014769	8.34447126	9.35244706	8.47689122
0.00016147	0.0001771	0.00017648	0.00024483	0.00018777	0.00022631	0.00018864	0.00018869
4.09446665	4.79298633	5.658135	6.43616248	6.99680947	8.59847757	9.87165481	12.3600947
0.00051216	0.00052409	0.00053592	0.00053442	0.00055026	0.00060761	0.00061274	0.0006272
0.00062786	0.00064379	0.00065417	0.00063855	0.0006552	0.00073145	0.00071656	0.00075475
0.86585846	0.82699962	0.91222654	0.88666285	0.98385379	0.95214394	0.99514777	1.031825
11.549816	12.758087	13.5484702	13.6708205	13.7213466	13.8263761	13.2514981	14.1285375
0.31046501	0.32300515	0.32381075	0.29649794	0.26448722	0.28700304	0.20890799	0.22261447
0.97835026	1.01630367	1.04651751	1.00826552	0.97184195	0.97419135	0.86954475	0.82132871
0.10436715	0.0691834	0.11976642	0.12494955	0.12894286	0.09958451	0.09816023	0.10268607
0.4411489	0.4216057	0.40714654	0.37886942	0.36846659	0.22044386	0.22528141	0.18257012
1.07087371	0.98797111	1.05214185	0.83418186	1.15656867	1.07449782	1.20448916	1.48080969
0.01496531	0.01472192	0.01215096	0.01033859	0.00974408	0.01329594	0.01372806	0.00876352
291.771166	303.696887	318.336255	328.978141	342.962909	355.323482	349.189291	369.503256
0.62754705	0.62083735	0.49276305	0.73940516	1.40572665	1.47124208	1.54662924	1.77236679
1.14210874	1.15431933	1.20213553	1.25316057	1.30739383	1.36162708	1.35200151	1.35521003
13.1051354	13.2675117	13.2036407	13.186651	13.5698046	14.8515256	16.2836078	18.7692186
35.2107492	40.9994546	40.9676651	43.5938128	40.9665272	39.8376792	36.6253258	33.8385098
0.11282037	0.06098389	0.06403331	0.06708245	0.07013159	0.57020039	0.56715126	0.54275758
0.06100864	0.06109856	0.06734766	0.07026226	0.07250791	0.05009954	0.04775045	0.0517497
67.5402455	70.0234325	71.3854954	71.3878713	72.7735402	75.0142654	74.4170443	76.1323926
15.5076189	17.131689	16.2001803	18.3041738	17.8199566	18.5603307	20.0491395	21.9393037
3.33864461	2.7057766	3.21944571	3.00032128	1.57238943	2.35988425	2.60296776	2.92709411
0.11669378	0.12494544	0.12507839	0.13190422	0.13872841	0.13335761	0.10276559	0.0969846
22.459068	22.9015927	23.2436271	23.9674658	24.1908986	24.4813951	25.2982389	25.2398576
0.12088533	0.49707824	0.67994025	0.74959288	0.84656386	0.91828225	0.98731166	1.17504454
0.21466372	0.23063599	0.3772449	0.3531824	0.37145407	0.39662889	0.45301417	0.48829657
2.68526527	2.95570466	3.33987296	3.41758552	3.11994302	3.04572748	3.81933928	3.88113266
4.19053069	4.14354739	4.27944811	5.42170218	5.65148135	5.43123233	5.60364038	5.82955942
1.22886221	1.2567001	1.31620762	1.38823762	1.44122442	1.52536163	1.5876621	1.78078535
0.36961086	0.41668677	0.43774496	0.51273746	0.46914189	0.36883238	0.35794958	0.37544002
0.99429433	1.02543113	1.05656792	1.39846751	1.34117761	2.08993739	2.12899943	2.04218457
6.67695854	7.24715344	7.60843039	8.04364966	7.09014467	6.45360576	6.11998109	6.6061475
0.04227884	0.03534174	0.0640194	0.06630339	0.07056467	0.05079986	0.05037551	0.04817322
0.06638378	0.06834277	0.073106	0.0762698	0.07870738	0.05561258	0.0535972	0.05718188
3.12620356	3.24207774	3.07399408	3.1728276	3.1763076	2.64041549	2.64705192	2.72476537
104.19342	113.667979	120.610428	126.899627	124.251226	125.48451	128.041497	130.012394
0.15321782	0.14978401	0.18305698	0.19600998	0.20870079	0.15179128	0.14606573	0.14980209
0.77670358	0.83683462	0.8749213	0.82110362	0.81127013	0.80826954	0.84335534	0.88123437
0.05728331	0.05950603	0.06200529	0.06568659	0.06388404	0.06139838	0.06839756	0.06798762
0.88812972	0.89733971	0.9667847	1.03560617	1.12695004	1.21879196	1.30805792	1.2456416

0.09344767	0.10103318	0.10114374	0.10265881	0.10797011	0.11921074	0.12338247	0.12684273
137.093174	140.436135	144.850607	147.465634	151.160774	149.965727	147.790062	159.645676
14.3714291	14.3855129	14.8504255	14.9899073	14.9726465	16.5496202	16.2419001	16.2687641
13.6443674	14.8388492	15.7303417	16.5556789	16.7440933	16.987221	16.0674961	16.5753459
127.371431	169.85305	146.126922	140.285085	157.361676	248.480285	254.250255	276.444317
1.22852257	1.25278451	1.37751478	1.21107311	1.42269495	1.29085963	1.25898206	1.41262844
1.70860735	1.73033981	1.82172522	1.87605027	1.63739665	1.85660337	1.85918867	2.0651579
0.45131558	0.45442014	0.4480031	0.45442014	0.43889708	0.7902892	0.64777509	0.69269439
0.41804498	0.31678742	0.24748564	0.31763836	0.30740905	0.42536925	0.55024119	0.42532999
0.02056162	0.02136201	0.02181134	0.02104822	0.02047026	0.02533527	0.02502128	0.01305337
20.329789	20.8574891	21.8735193	21.4050756	19.0812256	18.5606784	19.4611279	17.2644822
0.01923825	0.01979642	0.01983032	0.0250796	0.02637751	0.04279412	0.0447291	0.04651473
0.03706492	0.04404403	0.04410163	0.04476225	0.04707853	0.13447185	0.15124778	0.1692117
2.58871172	2.60974807	2.67287969	2.95903821	3.07450178	2.97327098	3.17001835	3.50667445
1.97108748	2.19885372	2.75553623	2.4874201	2.35163464	2.16849352	2.21315691	2.06299768
0.04419339	0.04426162	0.04735366	0.04940298	0.05098202	0.04878145	0.04710415	0.04940282
1.46609891	1.51666856	1.58289534	1.65881834	1.70232973	1.74334022	1.7989114	1.78174577
7.25064325	10.0772923	10.3860125	10.6739223	11.7590285	11.8706482	12.7457085	13.2895982
167.927998	169.054674	169.801541	172.806851	177.663332	173.470417	169.536896	167.123342
0.5257906	0.54104548	0.54646445	0.55465015	0.58334456	0.35262657	0.35193068	0.36702108
0.01138996	0.01140754	0.01220811	0.01273644	0.01314372	0.01071461	0.01136771	0.0103934
11.5984858	11.7229665	11.8974651	11.9271505	11.9566202	11.9312299	12.0252305	12.1754445
3.51489271	3.88930235	4.46286425	4.88313869	5.19502021	5.32882945	5.34349834	5.73328995
15.1100392	14.9641421	15.0132473	15.4611345	16.4715466	16.8468752	17.0411506	19.3579276
8.26545762	10.0684409	10.6662597	9.97841991	9.04698838	7.98659372	8.48167133	8.8235895
21.229223	22.4784449	24.0672042	26.720502	28.390429	29.2499501	28.163598	29.0183354
0.32912792	0.38356913	0.3610055	0.22935214	0.21010071	0.20389131	0.24849931	0.27083551
0.09313598	0.09625963	0.10062188	0.09943157	0.10487606	0.13280338	0.13106907	0.13287209
71.9596221	76.904721	76.8472078	84.2403454	88.5095699	90.4737231	94.6519057	96.4277791
1.54493004	1.62698262	1.7190435	1.77815206	1.65439792	1.6481603	1.96718783	2.07132215
1.09378008	1.21178797	1.28260316	1.40728097	1.45205705	1.59229747	1.98956461	2.07869581
11.3582461	11.0862673	11.6952915	11.8551642	12.1650438	11.7471523	11.8860371	12.0699248
0.47977116	0.51268834	0.52347225	0.49112521	0.51857998	0.57110554	0.61125483	0.47021073
0.00371468	0.00225308	0.00440073	0.00251532	0.00259588	0.00266262	0.00281423	0.00313629
122.319586	122.124336	124.63975	129.120316	129.51577	132.478299	134.22013	134.143091
0.34309292	0.34609351	0.38076402	0.40601661	0.38655784	0.32042534	0.36088966	0.39318252
116.331507	120.854521	121.953292	121.191791	124.728914	122.947656	121.898836	123.169978
1.02855345	2.52308096	1.88924674	1.24581918	1.12511869	0.95047476	1.15372845	1.2113813
2.04555894	2.23195356	2.32944409	2.78058764	3.0943883	2.93063754	2.92949477	3.39119902
0.20030699	0.2034637	0.21282626	0.22534522	0.23470779	0.24407004	0.25343287	0.25658959
0.36947448	0.38019412	0.3854526	0.39617868	0.41667469	0.63321909	0.66468416	0.71703417
0.2173089	0.21578422	0.23678023	0.24702736	0.25492185	0.19417415	0.19415516	0.201031
0.07191679	0.07400089	0.07407716	0.08013902	0.0842853	0.12679977	0.13788416	0.14400188
0.10097927	0.09903033	0.10401268	0.10557072	0.11103239	0.09542144	0.09735989	0.10341393
0.01893952	0.03819065	0.09252789	0.07959012	0.11798842	0.18205488	0.21393276	0.29393815
16.7123238	17.1877576	17.7752874	19.4193634	19.6001468	19.0725964	19.7686148	20.0318914
0.02063413	0.0222481	0.03166468	0.02812624	0.02902535	0.02119569	0.02100708	0.02185468
2.7304737	2.71729977	2.88165001	3.43202666	3.5985328	3.86202375	4.52608329	4.92226641
0.11633567	0.11465174	0.12462917	0.13002275	0.13417804	0.05266291	0.05589789	0.04936631
0.42861641	0.48167332	0.51929279	0.51240494	0.58468452	0.55002441	0.56546214	0.54671122

7.51072448	7.05811377	7.1855201	11.7566363	15.2879813	11.562866	10.0948017	7.97988488
1.54786935	1.50233869	1.64908766	1.82844199	2.11813253	2.11482004	2.2542293	2.25712621
3.21084529	3.5970802	3.8028544	3.93772477	4.22962552	4.31812138	4.37638992	4.68342402
0.50319584	0.56301497	0.57833039	0.63846143	0.66123269	0.70842539	0.77880553	0.81989309
7.11520464	7.11195471	7.53441359	8.40076018	8.93353309	8.87069667	9.34054766	9.9503094
49.2567978	54.5976865	60.6500315	59.1994944	58.7831647	62.6861278	66.7530533	67.9904622
78.2900785	83.8017081	85.8019965	88.775534	93.3144393	95.0898344	94.9184417	97.7373583
5.85204971	6.8040811	7.15845672	8.44944245	9.33072289	10.3929228	10.8788249	11.0817024
55.7109865	59.9305337	61.2677229	63.7258694	71.2083833	76.4894902	80.31102	86.5650096
24.7275849	24.1553165	23.7619814	24.2152709	24.2197502	26.3710508	28.8287799	27.7698129
0.60942743	0.67968336	0.58735603	0.61184119	0.62440404	0.62779696	0.63712082	0.63715624
11.2658314	11.888574	12.657906	11.7887058	12.5375593	13.3650971	13.2760334	13.815542
106.886447	108.656754	110.252308	113.424016	116.26388	116.362128	118.489652	120.748525
1.39736343	1.60630919	1.69665549	1.84444326	1.92972324	1.93489352	1.88263422	2.0721212
3.00489252	3.06406727	3.21020525	3.25159008	3.32464117	3.59493228	3.70686843	3.76776663
252.451335	258.272642	260.471496	259.662288	261.999301	261.54394	263.621986	259.115457
9.15885047	8.21405923	7.04175654	7.92927688	5.82364301	9.37920482	8.19685966	9.12648449
2.56374838	2.68707128	2.66528062	2.72941999	2.68533125	2.71311068	2.67029069	2.79269511
1.12162954	1.18080576	1.25782838	1.22310518	1.13377815	0.85099542	0.88984231	0.7775326
1.15812373	1.15980051	1.20292827	1.39528371	1.36244432	1.32041415	1.51381623	1.3241102
0.00834254	0.00866301	0.00884959	0.00853997	0.00830588	0.01359214	0.01196293	0.01672835
0.01114405	0.01302146	0.01392825	0.01453102	0.0149954	0.01836576	0.01825124	0.0199288
72.4731878	76.3675071	78.0652962	65.1650671	71.7984902	77.777085	80.9844548	86.3819505
5.34038904	5.44685757	5.69524073	5.83888545	6.00757512	6.02205907	6.12875989	6.51437072
0.15078522	0.17089611	0.1963021	0.18943401	0.18423236	0.77471115	0.86680428	0.88831564
4.18016767	4.331557	4.16848705	4.45746447	4.246349	4.00132832	3.73743396	3.75018729
0.11992668	0.12827603	0.12840841	0.13528412	0.14228299	0.18585001	0.19931074	0.20465625
9.50911033	10.5153421	10.0974622	9.94632539	10.9522215	11.1326095	11.4914094	11.7122423
0.02736569	0.0273992	0.02931658	0.03058531	0.03156312	0.03565517	0.03726548	0.03354903
3.69628545	5.07482867	4.66686271	4.87661301	5.40204736	5.15641316	5.21717691	5.31499933
0.05921065	0.06092855	0.06098934	0.0594268	0.0625012	0.16690992	0.16852436	0.17899512
2.93915966	3.23541908	3.6263368	3.82226394	3.40916686	3.04165002	3.32128087	3.43866976
3.34993206	3.44445608	3.6538031	3.82404782	4.24815518	4.85302904	5.09804833	5.30713089
2.00608118	1.93128864	1.96629425	1.94315074	1.91211144	2.12265309	2.51412031	2.59192072
0.56111979	0.66934312	0.70523345	0.72967174	0.75057628	0.61297866	0.64244236	0.66455342
5.98634892	6.39735243	6.83319306	7.26903369	7.76386248	8.17176135	8.58276486	8.99376837
1.30036134	1.39461285	1.36978275	1.07749984	0.71531669	0.70783602	0.71131675	0.96301553
0.67492888	0.69632931	0.73301629	0.82745768	0.90558846	0.90673073	0.86573632	0.60080642
0.15659114	0.16377544	0.14445653	0.15343453	0.14922167	0.26373915	0.2283223	0.26088917
89.3883236	91.7085387	95.706004	98.30899	101.071127	105.612215	107.884437	109.781654
0.87751134	1.6728822	1.47673944	1.01087128	1.07597908	0.978473	0.94489266	0.98647698
0.16220782	0.17665915	0.17683882	0.18443999	0.19398204	0.36905249	0.37435634	0.39490621
0.69103998	0.54446346	0.74573748	0.65093022	0.5978043	0.45639936	0.4252626	0.28550988
2.72040723	2.92397437	2.39834463	2.95078191	3.00413896	3.50796321	2.82394762	3.47415984
0.82734748	0.87382276	0.80622539	0.78532798	0.82153569	0.9738545	0.92945696	1.04105169
0.73070166	0.81081102	0.82643811	0.84196131	0.84506595	0.84796281	0.84081852	0.91099062
1.08000232	1.12108523	1.12708293	1.14891817	1.20835659	0.48454377	0.50470152	0.56813133
0.24145433	0.24182715	0.26264698	0.27193768	0.28062825	0.21630964	0.20642934	0.21639361
0.54304225	0.53950242	0.52656441	0.53267554	0.7057619	0.75376984	0.7541854	0.77985364
0.23210576	0.2388399	0.2390782	0.24265944	0.25521325	0.31718158	0.29150698	0.28619072
20.477952	23.3863709	26.9304355	25.1498261	30.4076008	32.205212	34.9577088	35.8028373

0.62041347	1.04463932	1.06936915	1.10844432	1.14231394	1.13888685	1.37239474	1.20709035
0.56854939	0.61914594	0.63218726	0.61006872	0.59331793	0.60418942	0.599337	0.63956114
0.18297804	0.1918764	0.19125306	0.22850874	0.21898704	0.34916657	0.36160476	0.36489755
14.9439672	17.1488581	21.8977635	18.0379548	19.6567551	21.8319529	26.5828517	27.5309579
1.11448582	1.16913472	1.23529205	1.34429646	1.40655413	1.45016488	1.46501845	1.52694741
29.5719328	30.8215905	30.8229765	31.5417327	32.0925267	32.0988644	32.3739465	33.1314385
11.5198575	12.0454136	12.2444364	12.6768819	12.8851245	12.0550412	12.2581941	12.2605155
0.62286476	0.64290294	0.73823134	0.77190832	0.77503882	0.82562348	0.75033325	0.79052409
10.7804986	10.9077569	11.1321759	11.3075414	11.5915798	12.0929335	12.1549326	12.6324871
2.19149646	2.27252877	2.41596555	2.494101	2.54367135	2.62491144	2.88125805	2.81243652
20.2424527	22.7883685	23.3453344	24.560247	25.8863154	25.5973275	25.5318619	25.8740877
1.73321283	1.81838868	1.93781946	2.16146949	2.31029649	2.32737804	2.23051086	2.36225631
8.6978872	9.0885587	9.40076822	9.34579834	9.86937446	9.7111808	9.05482547	8.92285855
21.2731577	24.0954617	24.7506232	25.458225	25.1605193	25.2437525	25.1703087	26.0992186
0.90430372	0.88498066	0.84586534	0.74929511	0.74458846	0.78929251	0.82592742	0.43955844
1.03471561	1.07497501	1.12669114	1.04516637	1.01646782	1.01435463	1.23750515	1.2577824
22.3168346	25.2798127	26.7447436	28.1884614	30.6679609	26.968158	26.800302	25.8844955
1.96878146	1.97182134	2.10913481	2.20041178	2.27073244	2.86542516	2.89281432	2.86049109
2.52796932	2.03760757	1.12809539	2.12457391	0.88602529	1.70613819	1.56930236	1.57240692
12.9163884	13.694255	14.245939	15.5202314	16.2474555	17.6114622	17.8539142	18.488836
2.92948488	2.95764878	3.32197934	3.48010131	3.4817777	2.80328864	2.99058054	3.1656707
0.3304369	0.33617544	0.35052066	0.33825688	0.32896927	0.29799456	0.34177219	0.34075567
1.96678806	2.09646777	2.34734439	2.46667128	2.29154064	2.41780404	2.61775974	2.90425392
0.63000135	0.64827972	0.64892653	0.84683193	0.89064214	0.89864632	0.89776045	0.95835315
8.16580092	11.4767007	11.6818404	11.0525077	9.30608732	9.45279709	11.5486101	11.7866783
190.937696	181.473449	166.566412	196.400644	198.05453	189.16807	195.63891	198.611906
0.3564586	0.35326045	0.35914887	0.3524997	0.36823614	0.30290881	0.30585336	0.37022218
54.1283929	56.8704749	57.7181799	57.9073061	58.1332315	60.94132	62.7154446	66.4147223
2.73214998	4.5894483	6.31603422	4.89663846	2.59059726	2.90545537	4.4270402	5.21750816
2.79361947	2.64788519	3.13267235	2.9838455	2.42555676	2.64456076	3.42068845	3.90968684
429.875688	438.419395	449.318501	463.020518	490.646874	503.294229	477.104776	495.353613
0.78502683	0.84898965	0.92237028	1.01800284	1.10442537	1.17449358	1.1707656	1.27912839
5.64624009	5.10616815	5.06488488	5.08009641	5.13712272	5.2184667	5.31699612	5.28889707
0.00402535	0.00225108	0.00251957	0.00253457	0.00284136	0.00912503	0.00512438	0.00510832
0.07958307	0.08264963	0.08442008	0.08146645	0.0792302	0.0977172	0.1051387	0.1038728
0.2702829	0.27324941	0.28816583	0.29248436	0.30761584	0.18293655	0.22971773	0.23901585
2.11689765	2.09660772	2.13386353	2.2907576	2.60642853	2.52518825	2.54071161	2.46568042
0.18488834	0.19025255	0.19044237	0.19329508	0.20329516	0.29105032	0.29932121	0.33632362
0.00959502	0.00960891	0.00596925	0.00830344	0.0085688	0.00650608	0.00620103	0.00683146
0.0258419	0.02658581	0.02661819	0.02701691	0.02841522	0.02618191	0.02590102	0.0301023
0.18094866	0.17671984	0.19717625	0.20519733	0.21175504	0.28895136	0.29536842	0.42856833
3.79477584	3.5186688	4.10658678	4.174596	4.2447276	4.06289052	5.34530853	6.14519092
3.8427726	4.35581724	4.56419918	3.7937054	3.58794488	3.52811612	3.68670134	3.80073062
20.3405534	20.0948329	20.3326491	20.6280796	21.0689711	21.2139678	21.1418279	21.3498935
0.45154757	0.30127817	0.41035604	0.42629498	0.4894266	0.50898934	0.43944067	0.44688466
0.16597362	0.1707754	0.18146377	0.18418198	0.19371092	0.36324683	0.39137499	0.35613241
7.50661515	8.80571232	9.00357059	9.30463275	8.00732152	8.4614231	8.04070915	8.72465007
0.00165191	0.00165447	0.00176967	0.0020309	0.00209581	0.00658432	0.00666263	0.00897391
0.05684223	0.0584914	0.06342891	0.06437904	0.06770964	0.10204219	0.09815855	0.10079565
0.39348228	0.65646579	0.43198464	0.48434796	0.57542142	0.43416633	0.29278323	0.47917758
47.5771098	51.9922092	51.7936826	44.8458093	46.3343909	45.2749056	46.4117952	49.0848567

0.1799028	0.137214	0.137214	0.1158696	0.060984	0.0426888	0.091476	0.121968
3.99182382	4.49435826	2.68497684	3.2609097	4.14821754	6.5012274	6.61632084	7.5583224
0.05401264	0.06320023	0.0676457	0.06635172	0.06453087	0.04196038	0.03903267	0.04062358
1.33729469	1.38524919	1.50488775	1.55493638	1.57045958	1.63725654	1.63798377	1.6885734
3.19756268	3.32002214	3.51101255	3.61142367	3.84262763	4.02693357	4.13099659	4.23648129
35.2005799	36.993206	34.3485279	31.7170622	33.2991892	34.7352017	33.3116833	35.0761983
32.0253511	33.1172535	33.9252133	35.3814291	36.4094415	36.8980269	36.9404202	38.3817346
0.89720943	1.20170811	1.17583209	1.39421991	1.15917816	1.46014458	1.74983523	2.19684774
0.71814303	0.73677087	0.77175303	0.88290879	0.88901418	0.90474516	0.91716372	0.92989395
33.3218059	30.1513322	35.8954847	33.5759598	28.1036128	26.9170661	28.4656281	29.7024221
2.18167472	2.31887983	2.5190493	2.69073939	2.78267512	2.51721448	2.41418619	2.18039571
1537.75594	1577.19378	1602.12939	1640.35999	1686.17733	1717.84872	1720.03716	1741.64183
6.86282839	9.36583145	9.48719616	12.936584	13.488491	13.4942948	13.8899769	13.4004734
0.01823667	0.01639569	0.02064903	0.0235332	0.02428551	0.01532772	0.01736586	0.01910679
33.4902369	34.8309326	32.4514536	33.2250348	32.8929888	33.9390705	36.1987992	38.4739964
0.00596522	0.00783371	0.00838023	0.0087429	0.00902248	0.01023326	0.0099756	0.01068947
7.27436913	7.99855919	8.74924349	9.19579454	9.82885714	10.569719	11.2945666	13.8393186
0.02332647	0.02422737	0.02474424	0.02387851	0.02322393	0.03515839	0.04013247	0.03722602
0.06168486	0.06408604	0.06543403	0.06314467	0.06141079	0.07820545	0.08280612	0.08065189
3.96335913	3.76413066	3.77510682	4.07607324	4.51146168	4.39903094	4.84326983	4.24553929
35.1737672	34.3186407	35.2274302	34.8914802	35.3591997	35.1803325	36.0054307	36.7912345
0.80500873	0.62558908	0.72970108	0.69952198	0.67270218	0.731594	0.76849112	0.80538749
2.17402616	2.13490255	2.1374558	2.12213344	3.12771286	1.92263149	1.7958607	1.66425137
0.0013343	0.00140934	0.0013875	0.00148618	0.00157958	0.0016674	0.00175694	0.00182772
0.00836282	0.00848197	0.00860112	0.00871729	0.00883495	0.0089541	0.00907176	0.00919091
0.01323502	0.01210685	0.01343951	0.01352251	0.01381074	0.01346556	0.01356731	0.01367496
0.00463558	0.00474283	0.00485008	0.00495733	0.00506458	0.00506458	0.00506458	0.00506458
0.00162233	0.00163375	0.00164341	0.00165132	0.00165922	0.001668	0.00168996	0.0017128
0.04277438	0.05644591	0.06486755	0.0404234	0.04622285	0.03233894	0.03821115	0.02388406
0.00077383	0.00065344	0.00053306	0.00041267	0.00029164	0.00017125	0.00017833	0.00018605
0.0119345	0.01174682	0.01184563	0.02010346	0.01626516	0.03629865	0.02291296	0.02234694
0.00060466	0.0006142	0.00062255	0.0006309	0.00064044	0.00067502	0.00068695	0.00070126
0.00138104	0.00174806	0.00200923	0.00210644	0.00229667	0.00244369	0.00256084	0.00268271
0.00672571	0.00760115	0.0084766	0.00935204	0.01022748	0.01213604	0.01553266	0.0097009
0.00132554	0.00136426	0.00140299	0.0014432	0.0014849	0.0015698	0.0016115	0.00165469
0.19050245	0.19535929	0.20029357	0.20527701	0.21026938	0.22452415	0.22860056	0.23262037
0.00099387	0.00102872	0.00106775	0.00108029	0.00111932	0.00115975	0.00120296	0.00124478
0.18561777	0.16400123	0.14648772	0.16675761	0.1484941	0.16024136	0.16796867	0.19983587
0.0193626	0.01823554	0.01724216	0.01624693	0.0154821	0.01452238	0.01345176	0.01247024
0.00425215	0.00431471	0.00437726	0.00443981	0.00450237	0.00456343	0.00480173	0.00504003
0.41632377	0.4330231	0.44959527	0.46609847	0.48262753	0.4992579	0.52087349	0.54270246
1.9314E-06	2.5751E-06	2.5751E-06	2.5751E-06	2.5751E-06	2.5751E-06	3.2189E-06	3.2189E-06
0.01155752	0.01181667	0.01207433	0.01233199	0.01258965	0.01334178	0.01361136	0.01388094
0.00031127	0.00031366	0.00031604	0.00031843	0.00032081	0.00033274	0.00039595	0.00045916
0.03778934	0.03758379	0.03896928	0.03873126	0.03913549	0.03190706	0.04310851	0.06184173
0.20023289	0.19857844	0.1969235	0.19526905	0.19361364	0.19195919	0.19030425	0.18864932
6.5594E-05	6.5594E-05	6.5594E-05	6.4401E-05	6.4401E-05	6.4401E-05	6.4401E-05	6.4401E-05
0.00085893	0.00090327	0.00094501	0.00102986	0.00100226	0.00093016	0.00095853	0.0009502
0.00022063	0.0002266	0.00023375	0.00025522	0.00025999	0.00026357	0.00027311	0.00028265
0.0010853	0.00112	0.00115381	0.00118671	0.00122006	0.00129353	0.00132778	0.00136203



0.00254682	0.00262427	0.00270172	0.00277917	0.0028581	0.0030681	0.00313662	0.00320513
0.00013025	0.00013251	0.00013521	0.00013792	0.00014017	0.00014738	0.00018209	0.00021724
1.44797959	2.70509273	3.16446652	2.55813012	2.42030754	2.93315627	3.40105863	2.75556501
0.0008647	0.0010736	0.00067954	0.00074363	0.00086067	0.001166	0.00078705	0.00068305
0.00050049	0.00052263	0.00054573	0.00056883	0.00059289	0.00061792	0.00064391	0.00067086
1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06	1.4894E-06	2.9787E-06
1.79317665	1.79283566	1.69328197	1.75631935	1.78930849	1.87945123	1.94725466	2.06337173
0.00152643	0.00154381	0.00155762	0.00158711	0.00161326	0.00166127	0.0016953	0.00172595
0.00011974	0.00012425	0.00012876	0.00013326	0.00013777	0.0001558	0.00016095	0.00016674
0.37699152	0.37720225	0.16330134	0.16589841	0.17240147	0.1747662	0.17576589	0.17933856
0.0004337	0.00044305	0.00045597	0.00047084	0.00048416	0.00049947	0.00051134	0.0005215
0.00013942	0.00013942	0.00013942	0.00013942	0.00013942	0.00013942	0.00013942	0.00032532
0.00069291	0.00071266	0.00072747	0.00074594	0.00076465	0.00079444	0.00081924	0.00084256
5.8085E-05	5.9575E-05	5.9575E-05	6.1064E-05	6.2554E-05	6.2554E-05	6.5532E-05	6.5532E-05
9.0852E-05	9.532E-05	9.8298E-05	9.8298E-05	0.00010128	0.00010277	0.00010426	0.00010575
0.00746599	0.0076535	0.00786688	0.00778929	0.00795524	0.00831303	0.00839924	0.00851994
0.02741353	0.02850716	0.02962822	0.0307791	0.03195741	0.03491749	0.03226391	0.02971648
0.00035154	0.00035154	0.00118916	0.00240832	0.00285095	0.00400161	0.00434755	0.0024603
0.07965656	0.07965656	0.07965656	0.07965656	0.07965656	0.07965656	0.07965656	0.07965656
0.07158466	0.07504663	0.07856168	0.08213761	0.08578534	0.0943401	0.09745759	0.10064064
0.03100047	0.03100208	0.03104862	0.02510653	0.02066272	0.02197804	0.02363832	0.02793187
0.00308759	0.00288161	0.00273173	0.00246431	0.00219709	0.00237263	0.00204493	0.00193725
0.49007106	0.5003621	0.49408689	0.51744981	0.51682367	0.4442511	0.43317252	0.45378109
0.00066667	0.00067621	0.00068576	0.0006953	0.00070484	0.00071438	0.00072273	0.00072988
7.1147E-05	7.2904E-05	7.4661E-05	7.6417E-05	7.7296E-05	7.9052E-05	8.0809E-05	8.2566E-05
5.00768337	4.903882	5.12331447	5.1836269	5.0599053	4.90166812	4.91113362	4.6154883
0.00061696	0.00063139	0.00064583	0.00066027	0.00067471	0.00068914	0.00070165	0.00071417
0.0034667	0.00371482	0.00398803	0.00427239	0.00469196	0.0050725	0.00545723	0.00583219
0.95710369	1.08456003	1.20203299	1.12408193	1.31125111	1.74989741	1.84897696	1.58117983
0.00014405	0.00014581	0.00015371	0.00016513	0.00017655	0.00018533	0.0001906	0.00019412
0.00442293	0.00475887	0.00509759	0.0054405	0.00578898	0.00650407	0.00692085	0.0073446
0.00024945	0.00025385	0.0002556	0.00025824	0.00026263	0.00028371	0.00026702	0.00025033
4.0549E-05	4.0549E-05	4.1742E-05	4.1742E-05	4.1742E-05	4.2934E-05	4.1742E-05	4.0549E-05
0.00266656	0.00090057	0.00089378	0.00094421	0.00041024	0.00120507	0.00159773	0.00146281
0.00046986	0.00047417	0.00047848	0.00047417	0.00047417	0.0004871	0.00049572	0.00051727
0.00171987	0.00170069	0.00172597	0.00170023	0.0016954	0.00172731	0.00178728	0.00185844
0.00110217	0.00114222	0.00118387	0.00122392	0.00126717	0.00131363	0.00140334	0.00149946
0.0311323	0.03208375	0.03325596	0.03479297	0.03548564	0.03640838	0.03836125	0.04694136
0.0160163	0.01622759	0.01647231	0.01673718	0.01699834	0.0172456	0.01747587	0.01768592
0.00254425	0.00266914	0.00279854	0.00293309	0.00307602	0.00336765	0.00355821	0.00376036
0.00024583	0.00024595	0.00024608	0.00022947	0.00022959	0.00022972	0.00022985	0.00022998
0.02859224	0.02915957	0.02974641	0.0303458	0.03094519	0.03261093	0.03321311	0.03380413
0.00056685	0.00057331	0.00058409	0.00059487	0.00060349	0.00060995	0.00061642	0.00063151
0.00018287	0.00015689	0.00013186	0.00010684	8.1812E-05	5.5824E-05	5.4862E-05	5.5824E-05
0.03155015	0.03309462	0.03469625	0.03634805	0.03802773	0.04169237	0.04325078	0.04481058
0.01199536	0.01202243	0.01204998	0.01207946	0.01211523	0.01215486	0.01221045	0.01226313
0.0072769	0.00822568	0.00850612	0.00923722	0.01432543	0.02891544	0.03247355	0.03238327
0.00263242	0.00256347	0.00279134	0.00302542	0.00326358	0.00316104	0.00305481	0.00294488
0.00582046	0.00595302	0.00608259	0.00620919	0.00633578	0.00673047	0.00685706	0.00698366
0.08676222	0.08860081	0.09044219	0.09228914	0.09414446	0.10036138	0.10232681	0.10430062
4.5792E-07	4.6416E-07	4.7041E-07	4.7665E-07	4.829E-07	4.8914E-07	4.9538E-07	5.0163E-07

0.00062183	0.00064993	0.00065097	0.00065253	0.00068063	0.0006874	0.00069676	0.00070561
0.2115612	0.21464772	0.21449056	0.22892152	0.18998603	0.24298055	0.23440357	0.24356319
0.00814707	0.0083044	0.00846174	0.00861908	0.00877426	0.0089316	0.00916653	0.00940146
0.1891854	0.18775702	0.18817382	0.18928711	0.19069825	0.18903553	0.18445152	0.17953077
0.0001683	0.00017426	0.00018021	0.00018617	0.00019213	0.00019809	0.00020404	0.00021
5.2702E-06	5.2702E-06	5.2702E-06	6.1485E-06	6.1485E-06	6.1485E-06	7.0269E-06	7.0269E-06
0.01891776	0.02240571	0.02604485	0.03011	0.03746544	0.04384533	0.04956645	0.05096242
0.00492827	0.00511391	0.00532673	0.00544609	0.00512809	0.00529175	0.00547053	0.00563932
0.02378319	0.02438118	0.02494851	0.02551166	0.02610547	0.02675922	0.0274757	0.02824376
2.781E-05	2.8189E-05	2.8569E-05	2.8948E-05	3.1583E-05	3.1991E-05	3.24E-05	3.2808E-05
0.00012362	0.0001266	0.00013106	0.00013404	0.00013553	0.00013851	0.00014298	0.00014596
0.00821612	0.00829974	0.00912194	0.01039354	0.01021182	0.01240066	0.00788222	0.0093818
0.00028743	0.0004172	0.0002058	0.00048143	0.00115639	0.00141737	0.00144311	0.00127735
0.03508577	0.02644678	0.03060272	0.03093305	0.03110092	0.03000319	0.03337942	0.03512223
7.5323E-05	7.8542E-05	8.2405E-05	8.6267E-05	9.013E-05	9.3993E-05	9.7856E-05	0.00010236
0.00858241	0.00874132	0.00890859	0.00908144	0.0092515	0.00941598	0.00986761	0.01031785
8.2242E-05	8.2242E-05	8.0848E-05	7.9454E-05	7.806E-05	7.9454E-05	8.0848E-05	8.3636E-05
0.03123341	0.03526677	0.05252318	0.03381246	0.03194396	0.03277388	0.03387483	0.02258288
0.09354471	0.0909605	0.02467829	0.02749959	0.01527683	0.06087454	0.12692183	0.14384316
0.02546676	0.02448576	0.02499492	0.02544936	0.02686668	0.03006416	0.03381063	0.0363531
0.00117213	0.00118405	0.00119596	0.00120788	0.00121831	0.0012332	0.00123916	0.00124362
0.00345331	0.00277506	0.00347561	0.00347561	0.00358761	0.0033452	0.0033452	0.0033452
4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06
0.01081134	0.01107645	0.01134156	0.01160816	0.01187624	0.01265072	0.01289944	0.01314966
0.00597995	0.00619461	0.0064037	0.0066114	0.0068163	0.00701982	0.00726376	0.00750769
0.00143586	0.00143586	0.00143586	0.00143586	0.00143586	0.00143586	0.00143586	0.00143586
7.45929678	8.48123866	9.2725215	9.84063523	10.5827985	9.08738192	7.58749221	9.69046112
3.93430545	4.29465341	4.58688419	5.00422845	5.01510571	5.19199109	5.20260913	5.13649772
2.78745328	2.60010716	2.41425139	2.28834225	2.35898549	2.39278132	2.35447029	2.30914877
0.00359296	0.00364917	0.00366469	0.00390978	0.00359451	0.00381234	0.00395053	0.00431906
0.49851623	0.53473068	0.5712156	0.60593556	0.64781502	0.69076929	0.73125494	0.77172911
99.1463764	96.4668297	95.8725427	93.1100301	95.8391076	95.2392024	95.4052556	100.613036
1.29808245	1.29169874	1.27981566	1.18044275	1.19214548	1.20641378	1.24120696	1.29852381
0.03316413	0.03220667	0.03193857	0.03152188	0.03135562	0.03100995	0.03187216	0.03237759
83.206535	85.3950662	86.7612112	86.49871	86.1567823	89.0473137	88.2819696	87.4685259
6.05763518	6.06559797	5.98585039	5.85273581	5.85087149	5.78146593	5.78748716	5.74189784
4.41501516	4.52554749	4.78200329	4.99797112	5.19918172	5.3750609	5.66887037	5.86156078
0.62214196	0.62512531	0.65240108	0.56530955	0.57432552	0.58194815	0.61194509	0.57331585
8.91110751	8.93910853	8.71213665	8.68280581	9.02213344	8.70250172	8.56264604	8.18461032
1.33834608	1.55119106	1.60073355	1.62256772	1.69621507	1.82397484	1.89984498	1.95983551
6.32256673	6.48227333	6.68025639	6.80779472	6.94460629	7.11428499	7.38929025	7.54601247
87.1718225	87.7417274	87.7564682	86.1692699	89.1997735	89.1113961	88.8395272	90.3879618
3.20961312	3.24213224	2.98703975	3.00043683	3.16596705	3.11491514	2.81947904	2.60409345
0.02225986	0.02342155	0.02286467	0.02349195	0.02463283	0.02477691	0.02251557	0.0304537
0.00570201	0.00616207	0.00589939	0.00645038	0.00550608	0.00547587	0.00566633	0.00540453
1.13574749	0.9731958	1.18987533	1.27244466	1.34326012	1.36505409	1.33216136	1.28941875
13.7036079	12.8800159	12.498431	12.4003637	11.9820715	11.1088438	10.994426	10.6813375
0.09560019	0.10128634	0.10866156	0.11156941	0.11783729	0.10484406	0.11731955	0.12314309
0.00200763	0.00193069	0.00198722	0.00194866	0.00196626	0.00197645	0.00198442	0.00201957
11.0449859	11.3066744	11.5922135	11.938462	12.3912585	13.0790741	12.4152064	12.6481681
326.302057	313.386526	314.873761	314.173411	314.665291	319.787447	332.026238	349.228433

0.06137723	0.06274353	0.05811611	0.05571756	0.052464	0.0491595	0.04484882	0.04155295
0.01900051	0.01866272	0.02240117	0.0229191	0.02023021	0.02047923	0.02268156	0.02184437
0.53794786	0.52422333	0.51103967	0.49511622	0.50230147	0.4784252	0.43169876	0.4041253
3.61735704	3.23933847	3.26470126	3.3702776	3.63174914	3.65532922	3.48802045	2.88365954
3.32173224	3.46735703	3.5987045	3.73549831	3.87515688	4.02162457	4.09758149	4.17463428
28.3255412	29.7564819	29.9782522	30.2933339	30.5478119	30.8991704	31.8223282	32.2292346
4.53727168	4.49427093	4.35585633	4.32744862	4.20934671	4.1716967	4.22371779	4.19471003
8.69124564	8.78080054	9.07452828	9.17099866	9.12045416	8.97340409	8.88201142	8.79325353
677.055926	700.596422	652.523395	662.595602	665.278339	648.770628	632.45619	621.090984
2.38441268	2.24594918	2.30171174	2.18631295	2.19994713	2.21555742	2.25533283	2.2950638
5.9261256	5.91906454	6.05404171	6.21597233	6.90891762	7.42273323	7.35480737	7.22007998
4.10598745	3.86947015	3.78654759	3.73252873	3.52843142	3.38658291	3.28287555	3.17844929
0.14965087	0.15159816	0.15277833	0.14818235	0.16143708	0.16305532	0.16674847	0.17289021
0.00483287	0.00511229	0.00533378	0.00565495	0.00477647	0.00457056	0.00399117	0.00382372
49.372534	50.2255185	49.4297263	49.5519293	47.5564822	47.7693542	48.1167574	48.327891
0.08198989	0.0825732	0.08308286	0.08646824	0.09051278	0.08259741	0.08415015	0.08572855
0.06761351	0.05671158	0.06127207	0.06777863	0.06886106	0.0664125	0.06236982	0.06264284
3.26837185	3.21182039	3.12344285	3.13219676	2.99488782	2.88854511	2.74925545	2.61211258
9.23059954	9.9644904	9.71585241	9.50477096	9.02943556	8.9573931	8.64586658	8.70704442
0.00301859	0.00303293	0.00305254	0.00324404	0.00325598	0.00328088	0.00337994	0.00340486
0.35294553	0.35828208	0.35021661	0.34448729	0.3382394	0.3490269	0.37293275	0.39475649
6.63088102	6.66301036	6.38075675	6.03534943	6.05533717	5.87532118	5.93273733	5.69400808
44.6810725	44.3858052	44.2132707	43.2055128	42.9245428	42.2042721	41.9821383	41.3178806
0.44988139	0.46941658	0.47350384	0.48216285	0.50151389	0.50252	0.50312124	0.50321235
0.0257182	0.02584102	0.02584496	0.02584495	0.02584969	0.0258875	0.02588635	0.0258865
7.32603692	7.28823925	7.23924655	7.35015621	7.10633964	7.16019077	7.32066823	7.20774404
5.80557677	5.95042431	5.93000628	5.90992175	5.23171719	4.90677302	5.25277947	5.42305737
4.89740578	4.93507693	4.97609967	5.22230488	5.61213758	5.62297447	5.65019473	5.48874303
12.888984	13.0390891	13.3388224	12.1020499	12.2173756	10.5029576	11.5489608	11.986209
15.9190374	16.2015084	17.0110261	15.7363715	17.4729405	17.9079445	17.5592271	19.2748102
2.03957372	2.3057533	2.62077118	2.79424438	2.84813746	2.91145951	2.76217318	2.71078981
0.16139763	0.16287289	0.16449198	0.16596717	0.16773	0.16934854	0.17067961	0.1706793
24.3959833	24.5733572	25.7756406	26.1654672	26.4929695	27.1180117	27.5501491	28.0402713
1.14532356	1.05242304	0.97466982	0.95349083	0.89170985	0.79920237	0.7973201	0.80137981
31.4453536	32.9482598	34.3102223	37.1840414	36.6925597	34.5537943	37.0870168	42.3705604
2.99647209	2.98427554	3.01427059	2.96866547	2.88478115	2.83731809	2.80561485	2.81948571
0.81848581	0.81445277	0.80839088	0.79510568	0.76977084	0.76786801	0.78270704	0.74577843
0.11200473	0.10711133	0.11104488	0.110319	0.10895391	0.11018002	0.10712792	0.10723718
51.680239	51.510053	50.8484266	50.5100365	50.2966342	52.675045	52.5807447	51.3816844
0.01823711	0.01815473	0.01817956	0.01804189	0.01809041	0.01821905	0.01829239	0.01832286
0.09024731	0.09060384	0.09065471	0.0920546	0.09378518	0.09593293	0.09570021	0.09518236
37.2294251	37.3532221	37.3202139	37.4519325	37.3990209	36.325626	34.234546	33.6085502
2.43808623	2.52912757	2.57659684	2.68108178	2.79330826	2.90934145	2.8972265	2.94029303
2.21520504	2.3556069	2.46549742	2.55222409	2.52195903	2.60724777	2.71943744	2.72933366
3.9914216	4.13827283	4.29037868	4.44798061	4.6114306	4.81794642	4.76128633	5.00894404
0.11924138	0.15461232	0.16071979	0.1582448	0.12615449	0.12560869	0.1236116	0.16933389
0.45548132	0.45603166	0.44336975	0.45007809	0.45409771	0.45500578	0.42891607	0.42443721
0.7916059	0.78109309	0.76805551	0.77713281	0.81451676	0.84489688	0.82703142	0.823836
0.01234516	0.01241319	0.01246477	0.01249244	0.01264271	0.01272881	0.01286872	0.0129099
4.93620605	4.96863837	4.95980179	4.93184325	4.90931708	4.93937192	4.87217652	4.8787024
0.0101108	0.01009357	0.01009085	0.01008911	0.01014486	0.00997262	0.01003705	0.01005512

0.00501191	0.00501191	0.00501191	0.00501191	0.00501191	0.00473862	0.00472343	0.00441649
4.13357748	4.13749129	4.20334144	4.18169508	4.4132378	4.39139265	4.58710169	4.68502301
0.04456785	0.0487052	0.05042337	0.04786625	0.04254769	0.04581896	0.04404676	0.04354403
1.44665429	1.43444379	1.45524702	1.31466929	1.41420033	1.13204677	1.19516766	1.06054722
0.01400652	0.01448612	0.01791026	0.01920247	0.02195637	0.02322897	0.0240733	0.02282412
3.51644229	3.55458169	3.44829532	3.24738981	2.88491916	2.98787549	3.08020247	3.75246695
1.60092544	1.56443761	1.53082722	1.49281215	1.51937463	1.45068107	1.50515283	1.48648866
2.50950425	2.53915619	2.70680576	2.72487665	2.76887092	3.00451228	3.01311802	3.02819921
3.93333304	4.03187224	3.96485792	3.88720778	3.95705224	3.881688	3.80119815	3.79437916
107.392262	107.540223	103.409105	104.137012	102.474523	99.087704	98.6764664	100.736847
497.878985	499.648591	499.408998	501.768817	501.841522	498.514877	500.980054	491.567123
14.8617536	14.9864945	15.2789552	15.6328495	15.7259526	16.2786723	16.3716875	16.3011797
25.8597261	26.4350885	26.4293944	27.0889087	26.4014047	25.8840693	25.8456464	25.0626185
4.1004273	3.28341986	3.69553386	3.83072716	3.70428359	3.67525252	3.62775572	3.66562377
0.30213174	0.30604373	0.3086368	0.31189837	0.31020384	0.29821886	0.29771747	0.29212518
1.30804684	1.3396357	1.32230704	1.3587203	1.37021732	1.386947	1.4104179	1.35514976
24.336758	25.0935912	24.4144154	24.4826549	24.3671138	24.4764282	21.3775809	22.7765635
0.9374722	0.88414944	0.8455789	0.84363239	0.84469574	0.84215777	0.83593174	0.82358333
0.57562938	0.53924429	0.49694022	0.44019941	0.47404499	0.41594469	0.41331461	0.43589606
51.377712	48.5024401	47.2915688	44.4583036	43.4602361	42.4516028	41.588719	41.6573767
24.6779782	20.6742427	16.264233	13.1682356	12.3903743	12.5682934	12.9280688	13.3603799
17.5419405	16.148632	16.2035457	16.2530981	17.9784085	16.2096884	17.6405943	19.8227572
3.64594783	3.34572865	3.16713943	3.24872975	3.31014248	3.34794592	3.37090189	3.40921449
16.5277906	16.1019683	16.4287151	16.1617047	16.7775325	15.9206262	16.1073062	16.2498335
0.00166105	0.00173833	0.00173833	0.00173833	0.00173833	0.00200339	0.00212097	0.00237028
0.01038888	0.01092194	0.01182488	0.011786	0.0118877	0.01261004	0.01251688	0.01252873
20.4453915	20.7830082	20.4951301	19.5250568	18.4323812	17.6488985	17.3593513	17.1588892
0.10111088	0.11985278	0.12881156	0.13259229	0.14676775	0.1633035	0.11755556	0.15255994
6.18355039	6.24197744	6.53729176	6.19731498	6.31983559	6.57556321	6.8326238	6.92909776
0.24363963	0.27094255	0.27130057	0.29326821	0.28513861	0.28440643	0.28298396	0.30125967
0.1290996	0.1400899	0.16525357	0.17546466	0.17079786	0.16641384	0.16094986	0.15669451
1.27772663	1.33970595	1.24988968	1.33141902	1.21008817	1.05546031	1.11291549	1.14662057
0.02524201	0.02511313	0.02509422	0.025121	0.02514528	0.02118526	0.0212501	0.02171669
10.8493733	8.71067636	8.70991146	8.03860934	8.72961305	8.20841311	7.67997096	8.01603506
0.97737955	0.90848306	0.96278524	0.77792823	1.15819474	1.08414089	1.09589504	0.98159607
3.11543618	2.94755274	2.95543533	2.83360362	2.57305455	2.46538168	2.23753725	2.31223764
0.49828859	0.49629766	0.48132501	0.47440539	0.49574353	0.48281349	0.48377396	0.46985283
1.66038835	1.59992916	1.50435757	1.38307371	1.24122045	1.07829329	1.07716374	1.1214312
0.00105603	0.00103147	0.00103147	0.00122794	0.00147352	0.00122794	0.00147352	0.00147352
5.87359528	6.18392482	6.62713274	6.57757393	6.90019101	7.20799555	7.17573901	7.09314033
2.33996278	2.25073875	1.88857633	1.6570242	1.58374801	1.49340695	1.3986091	1.44299023
15.7910183	15.6890507	15.8065757	15.8423286	15.7925012	15.7121129	14.2345662	13.3831235
2.6512E-06	2.4486E-06	4.1533E-06	4.439E-06	4.2041E-06	4.4657E-06	6.3366E-06	5.7657E-06
67.4874845	66.0551433	67.4112669	68.0244354	67.0347646	67.9703408	68.4460369	69.9209102
1.16246198	1.15137771	1.07363672	1.02878681	0.93991541	0.95914196	0.92048305	0.91004859
8.79045829	9.03364418	9.22140466	9.55096937	9.92899265	10.3953776	11.1278993	11.6977985
0.06300535	0.06821391	0.07029827	0.06408121	0.06898082	0.06747908	0.07294791	0.06707762
56.5776916	54.9085663	52.506549	52.6657627	57.1289185	57.5774136	59.6359813	60.9290089
9.12348292	9.8475767	10.1810586	10.6758066	11.1405459	11.3399012	9.66547807	7.53364989
2.13228439	2.26164411	2.32437049	2.40182956	2.38635141	2.4354129	2.29263756	3.0331264
4.00264097	4.25145076	4.57375261	4.78964945	5.18855534	5.37244548	5.56124928	5.74764142

0.0657547	0.0625105	0.05600191	0.05520592	0.05403288	0.05529927	0.05517545	0.04727263
0.06227046	0.0616887	0.06002563	0.06202237	0.06217062	0.06479608	0.04554561	0.0388498
1.26496388	1.29954481	1.21241408	1.37812478	1.37083015	1.47073734	1.46603741	1.49309965
7.25667799	7.17015862	7.13309158	6.86773692	6.67076049	6.63039045	6.51325455	6.51072788
3.40450696	3.36745082	3.50209979	3.65892682	3.84173994	4.21695352	4.18284238	4.05443857
0.19827306	0.19770564	0.19753254	0.17211641	0.19690818	0.19672132	0.19366456	0.19265641
8.58983411	8.99376978	9.3944523	9.75445122	10.1574698	10.6373506	11.1273729	11.5934582
30.217784	30.3920871	31.7439784	32.1104587	33.0396219	33.3725773	33.9672764	34.614955
4.33641488	4.22266481	4.61101271	4.48711455	5.1897361	5.4706053	5.48327852	5.58807925
15.0937773	14.7326385	14.3116734	13.9009039	13.9708364	13.5804302	13.3418343	12.7694613
3.04624171	3.08271537	3.0620751	3.03656815	3.04047605	2.94200142	2.88837303	2.90695926
23.2585135	23.2178239	23.2279513	23.4194875	23.3717824	23.0001178	23.3587959	23.5245479
32.0976158	31.6844076	32.0922415	31.4575353	31.6451306	31.4121783	31.7875513	32.7561805
0.54033288	0.55818477	0.57822159	0.598576	0.64621754	0.65766126	0.67835467	0.68450895
92.8907707	96.9607611	98.8378228	101.182388	103.324349	103.659468	103.415629	106.562234
3.11575276	3.06482018	2.82860447	2.93245219	2.8456952	2.86619963	3.2292211	3.26853874
11.9818177	12.152676	12.2006608	12.5214505	13.2281831	13.0961116	13.2590923	13.5605415
39.6360171	41.2102326	40.6733027	35.7228229	41.5997994	41.7417034	42.5036855	43.0953014
0.33970527	0.34362982	0.34952015	0.35506681	0.35673178	0.35710594	0.38001344	0.39583003
21.6537472	21.1767203	21.7889806	21.525177	20.6480964	19.4613785	18.7684874	19.5886046
0.79751336	0.79186846	0.8170196	0.81211956	0.79644163	0.81555844	0.82113783	0.81812983
6.21829788	5.68577815	5.6826006	5.51984385	5.54160807	5.20851321	5.49682617	5.59521149
5.22886323	5.29622651	5.27581204	5.23786413	5.31978696	5.23050961	4.88852204	4.86746976
16.0336862	15.9839026	16.0188302	16.025138	15.7242675	15.7964559	16.0590865	15.0726986
0.02926873	0.02879864	0.02726148	0.02927562	0.03050851	0.0338281	0.02931603	0.02473304
0.1383159	0.14143168	0.14416787	0.1443296	0.14741423	0.14870253	0.10201638	0.10525577
0.05602666	0.05688686	0.05962492	0.05915374	0.05962886	0.06071651	0.06448725	0.06590884
12.9346168	12.9258778	12.5711085	11.7073925	11.3673197	10.9121973	10.5030304	10.3598788
113.730768	103.987306	92.9618702	84.5191779	78.0929191	77.4982094	76.4756967	76.8645464
0.55579016	0.62822762	0.6796493	0.7669414	0.88074887	0.86853672	0.95355449	0.98531072
2.8586656	2.90394876	2.93744309	2.88217055	2.73586816	2.87545412	2.94136922	2.98979844
6.5495099	6.52006399	6.42174634	6.35926527	6.15348619	4.99350722	4.73913624	4.6566954
42.3071983	44.0702337	46.1262573	48.2442362	50.4552355	52.6627866	54.8857771	55.650802
4.43937051	4.59554543	4.69628335	4.67505245	5.08515005	5.0451253	5.17353384	5.02052814
0.00565119	0.00707318	0.00567642	0.00521734	0.00544896	0.00546161	0.00574378	0.00695082
0.00147909	0.00147488	0.00135907	0.00140036	0.00138498	0.00134906	0.00135035	0.00136143
0.04685962	0.04662354	0.04609563	0.04470616	0.04668935	0.04822164	0.04559508	0.04589081
1.23559563	1.20707645	1.21167533	1.13393443	0.91780564	0.84034701	1.03904106	1.30453477
1.96430154	2.23526426	2.07686041	1.86710442	2.03282757	1.89514448	2.13369338	2.25983067
16.9625192	17.316327	17.6517854	17.6803919	17.8954248	18.0803974	18.4098099	18.6248315
1.5647E-05	1.7875E-05	2.033E-05	2.2786E-05	2.5014E-05	0.00019788	0.00019746	0.0001958
0.00592486	0.00602619	0.00610129	0.00613201	0.00622336	0.00639774	0.00664282	0.0071413
0.74792669	0.73164766	0.63919464	0.61325885	0.59954626	0.51721303	0.56678211	0.40998374
2.88209964	3.00690806	2.97361044	2.79163571	2.53145423	2.41495941	2.39514746	2.35397501
1.49300399	1.52725243	1.51742537	1.39174912	1.38804353	1.47711383	1.5526018	1.53353957
4.64959324	4.67248156	4.65635024	4.57349797	4.5121275	4.43404945	4.38942232	4.35359214
0.91549766	0.95970008	0.97104967	0.93587025	0.94777306	0.93224798	0.80464986	0.80367409
0.00549178	0.00515046	0.0050309	0.00477956	0.00453605	0.00375546	0.00280242	0.00304644
3.14805359	3.34348586	3.4942066	3.86464842	3.67586117	3.61915852	3.27281349	3.50816945
13.9882817	14.5731861	15.353055	16.0197295	16.7824104	17.5296527	18.5487891	19.6563747

0.59779872	0.76214877	0.77701862	0.84390839	0.86653548	0.87353898	0.88568026	0.90893516
78.5635067	77.0227805	78.5405905	73.1781921	73.6388597	71.8388588	73.1032684	70.8457807
3.23581282	3.00608867	2.93966079	2.82220591	2.82440776	2.83886489	2.88198271	2.993287
4.54643526	4.60859625	3.94190586	4.29985631	4.97126632	5.83080745	6.31226622	7.38941912
0.50136709	0.523135	0.49357108	0.51954978	0.43704106	0.499656	0.69043399	0.68772885
0.05303416	0.05336611	0.05321898	0.05321811	0.05457866	0.05628277	0.05617035	0.05612128
0.10049745	0.11300035	0.10440452	0.09662562	0.09623005	0.09390528	0.09339309	0.10050796
2.47382725	2.66794124	2.57728762	2.66178974	2.72594646	2.83303255	2.83900705	2.81842281
31.2530501	30.8663782	30.6813073	29.6377553	29.2560038	29.4377828	28.1347212	27.5141258
4.68523352	4.59110955	4.68686679	4.17617027	3.88476507	3.84259895	3.81336307	3.57501542
17.8293823	16.4879473	16.3012988	17.3255965	19.1725219	18.8744416	19.1351574	20.0763408
6.8565707	6.95846772	7.15728367	7.41147557	7.635724	7.84012079	8.09934161	8.37796088
48.5532263	43.3411955	37.6641031	32.3351924	30.0348917	27.6151721	25.4696611	26.0002968
23.5464292	23.9461983	23.6578658	23.1294061	23.3813157	22.9509642	23.0469792	24.1051305
243.600607	243.664082	244.555613	243.209056	243.260966	241.592222	241.491258	241.631071
15.7529877	15.0283687	14.6520546	14.5645818	14.7600026	14.1558852	14.2732531	14.638937
0.01403871	0.01403979	0.01405161	0.01407386	0.01405716	0.01371141	0.01340167	0.01294959
24.2714107	24.7462915	25.5064542	26.333996	27.2492396	28.1910475	28.9034666	29.4964193
0.00646925	0.00646925	0.00646925	0.00646925	0.00646925	0.00646925	0.00646925	0.00646925
64.7565182	66.0335858	66.1341055	67.2857584	68.7921303	68.2038433	67.3774995	68.6695164
0.30169531	0.30455763	0.30702392	0.30984578	0.31273	0.29610878	0.27710387	0.27695689
0.10477048	0.10469436	0.10461608	0.10615226	0.10636683	0.10754604	0.11863801	0.11879939
2.9972308	3.10183668	3.24220785	3.39912201	3.47310076	3.58061449	3.75011671	3.78839973
24.253791	25.0202106	25.6628464	25.9807918	25.8610427	25.6105919	25.6242375	25.6576217
2.75940413	2.59788088	3.14373402	3.21947482	3.47834734	3.21177346	3.30520648	3.11029186
6.14334206	7.43532873	7.478646	7.83493709	8.67505136	9.01973982	9.1836689	8.35237061
0.00021159	0.00018203	0.00020866	0.0002178	0.00022161	0.00018352	0.00018735	0.00019309
0.08126854	0.08763774	0.09412555	0.09853108	0.10396002	0.10947804	0.11212988	0.11715525
1.15230714	1.17028005	1.18602288	1.20170861	1.21636348	1.22929337	1.24337878	1.25713348
1.0876E-07	1.1053E-07	1.4892E-07	9.0695E-08	1.1156E-07	9.5315E-08	9.4977E-08	9.3226E-08
0.11843928	0.11662956	0.10567745	0.10153624	0.07143988	0.06995139	0.06966739	0.09041406
0.00083429	0.00086692	0.00040817	0.00041512	0.00042207	0.00047644	0.00048355	0.00044342
0.00615507	0.00468915	0.00472226	0.00454978	0.00456302	0.00468222	0.00500669	0.0042253
0.19127879	0.19102593	0.17762943	0.18736386	0.21228224	0.20758312	0.17255242	0.17867791
0.00890277	0.00652177	0.0066802	0.00668353	0.00613833	0.00590589	0.00479305	0.00815431
4.3018E-05	3.8925E-05	3.9612E-05	3.9744E-05	3.9927E-05	2.2293E-05	2.1783E-05	2.2833E-05
0.71934834	0.69342378	0.69935763	0.69238432	0.68595201	0.69498138	0.70869844	0.746354
0.75501198	0.80504817	0.73465264	0.70337053	0.71816677	0.67098154	0.70837187	0.6560768
0.01878757	0.01912845	0.01880494	0.01996278	0.02065206	0.02165258	0.019555	0.01819391
0.80677088	0.8362784	0.84405964	0.87008655	0.89301392	0.90475387	0.92361634	0.9392536
0.22764251	0.26150754	0.22279981	0.18904626	0.17392654	0.17207127	0.1877403	0.17628703
0.51599113	0.57573812	0.57069703	0.55740338	0.52509456	0.39506171	0.40887768	0.42215019
1.26046025	1.25965287	1.25855683	1.28284232	1.26510062	1.25388297	1.29859771	1.29957406
3.23142588	3.12481307	3.21274681	3.26607965	3.33886647	3.40940912	3.47362982	3.53431973
0.24050326	0.2935682	0.27520058	0.32846792	0.26542876	0.26766282	0.22745507	0.30777099
0.00049104	0.00055236	0.00082879	0.00108633	0.0005109	0.00054867	0.00057982	0.00059871
0.00352819	0.0035431	0.00358039	0.00369236	0.00367562	0.0028855	0.00335299	0.00291628
0.09357147	0.07147846	0.10345617	0.09185701	0.08901998	0.07693142	0.07806157	0.08139245
0.33031321	0.3332857	0.34491721	0.34852848	0.35366647	0.3993883	0.38791428	0.38350839
0.01302272	0.01301825	0.01321268	0.01334777	0.01327128	0.01001271	0.01001617	0.00999206
4.6808E-05	4.354E-05	4.2999E-05	4.3142E-05	4.3341E-05	2.4746E-05	2.445E-05	2.523E-05

0.19810235	0.19579478	0.1881229	0.18018084	0.17222742	0.08062889	0.07994685	0.07537742
3.03116941	2.97662345	3.00118961	3.01872335	3.07541544	3.1007098	3.2046909	3.54756359
0.00078562	0.00072189	0.00071039	0.00070961	0.0006852	0.00058839	0.0005771	0.00057338
0.00021558	0.00021725	0.00022975	0.00021079	0.00021079	0.00024134	0.00024381	0.00022894
0.29566019	0.29836917	0.30341036	0.30993431	0.31385873	0.31818683	0.31936109	0.3282539
0.18671769	0.18697853	0.19002409	0.18776512	0.20162576	0.19169495	0.20256515	0.19889475
0.35248991	0.30234175	0.30644133	0.30795326	0.23763492	0.23546738	0.23336162	0.23315472
1.60676339	1.60194534	1.53921972	1.6122683	1.55975079	0.97365287	0.8580972	0.85732863
0.23116168	0.26239662	0.23077241	0.23558412	0.21628197	0.20420111	0.20895418	0.20543798
0.92259655	0.99038914	1.02772118	1.01564491	1.03317874	1.04054314	1.05956618	1.06470403
103.907667	93.0165447	99.4553771	93.7884204	92.5467048	90.4408131	87.7141537	87.420803
0.76470747	0.78928759	0.81231278	0.82824591	0.8532312	0.8760295	0.88026408	0.89817362
1.46207389	1.5041775	1.54791686	1.59035852	1.63133268	1.66768122	1.70388894	1.81039392
3.08533343	3.18387061	3.2856763	3.39206872	3.5038867	3.57354115	3.71118153	3.84108026
0.12420417	0.12964079	0.13078308	0.13083484	0.12397977	0.08767513	0.09598088	0.10646302
1.0877E-05	1.1021E-05	1.1754E-05	1.1216E-05	1.1521E-05	1.1287E-05	1.2787E-05	6.1759E-06
1.50761789	1.4879821	0.9021396	0.89251262	0.95474086	0.88160933	0.80877807	0.82719621
0.02368244	0.02462502	0.02520138	0.02599704	0.0279415	0.02868448	0.02874516	0.02956982
0.01668804	0.01721192	0.01783954	0.01857026	0.02006011	0.02077096	0.02484155	0.02496059
0.06668286	0.06685124	0.02777599	0.01817803	0.01793939	0.02080382	0.02959481	0.0380943
0.08571839	0.10653165	0.09783364	0.08404316	0.09355359	0.08692019	0.07934045	0.08086104
3.1161E-05	2.8198E-05	2.7852E-05	2.7945E-05	2.8074E-05	2.1707E-05	2.1488E-05	2.1797E-05
0.00260852	0.00299878	0.00247552	0.00260958	0.00260685	0.00222758	0.00224439	0.00265729
1.14786207	1.00635727	0.97079866	0.80066457	0.77712747	0.81066674	0.74552477	0.73210502
2.00231906	2.08475298	2.33832017	2.14096515	2.03568067	2.08438815	2.12515849	2.06131514
0.03467795	0.03579043	0.03701579	0.038006	0.04033177	0.04139157	0.04122181	0.04205979
0.00088546	0.00087956	0.00091988	0.00092105	0.00091325	0.00079781	0.00078493	0.0007786
0.19610754	0.19524378	0.19529564	0.17787124	0.17988716	0.20230011	0.22223442	0.22655898
0.14449686	0.14183971	0.13923647	0.1634361	0.16917386	0.1762803	0.17180505	0.17294507
0.02358887	0.02410521	0.0247612	0.02670585	0.02780673	0.02837242	0.02880449	0.0319612
0.18202822	0.18093937	0.16985926	0.15880785	0.14393364	0.1391737	0.1396838	0.13599506
0.38520763	0.38905716	0.39628772	0.39980944	0.40112751	0.40513373	0.40911448	0.41411016
0.22868537	0.23470315	0.24190792	0.15483574	0.15955346	0.16411063	0.17324441	0.17889365
0.00010836	0.00010136	0.00011493	0.00012113	0.00013022	0.00016754	0.000177	0.00015776
0.82250744	0.82142022	0.82237664	0.8158977	0.80531214	0.83137179	0.84480225	0.8515843
0.14842865	0.17634709	0.17899196	0.13723903	0.13530258	0.13342933	0.13120222	0.12616234
7.23458183	7.47035597	7.70771074	7.94715401	8.1914165	8.43741329	8.68845239	8.94709343
0.390663	0.41320321	0.41483458	0.42037048	0.40812578	0.40505413	0.45696433	0.47110713
0.00354479	0.00379652	0.00439263	0.00404242	0.00355811	0.00338835	0.00343525	0.0033976
0.00011392	0.00011191	0.00011491	0.00011217	0.0001105	0.00010878	0.00010486	0.00010324
3.1813222	3.47814824	3.0682823	3.06689278	2.9199369	2.75647465	2.82002171	2.59489076
1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06
0.23583551	0.23936951	0.24274657	0.24853738	0.25421005	0.26071359	0.26719729	0.27366448
1.20233058	1.2579605	1.13313019	1.05994666	1.0620864	0.92688115	0.90915414	0.8754473
0.23667751	0.33267939	0.27086102	0.24222803	0.235073	0.22078998	0.21727955	0.21620523
1.09923228	1.12571759	1.15180076	1.18242335	1.20841248	0.86540645	0.80158109	0.75826312
3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07
1.3855103	1.41106401	1.33642383	1.32184787	1.40296135	1.37584904	1.36695854	1.37229404
0.00207775	0.00208496	0.00212775	0.0021387	0.00214435	0.00189125	0.00186057	0.00186202
0.06375293	0.06328179	0.06347526	0.06392932	0.06736399	0.07841871	0.07814832	0.07928236
0.23299311	0.23316649	0.23200119	0.24158912	0.26073393	0.26756539	0.26890476	0.27297315

0.03465364	0.03482164	0.03507305	0.03491167	0.0348588	0.03487168	0.03478769	0.03462631
0.26618102	0.2720753	0.27201712	0.27150769	0.26833037	0.26881092	0.26954192	0.26310355
1.4549E-05	1.4174E-05	1.8624E-05	1.591E-05	1.5983E-05	9.4316E-06	9.5831E-06	9.6427E-06
0.93610948	0.95106976	0.96656916	0.96727653	1.14153866	1.14161138	1.14043323	1.46005138
0.00619101	0.00644955	0.0068828	0.00759924	0.00812842	0.00708294	0.00745279	0.00789641
0.0193914	0.01922521	0.01913136	0.01888644	0.01884834	0.01864723	0.01808799	0.01754396
0.00894389	0.00869512	0.00786524	0.00720104	0.00770673	0.00664315	0.00725452	0.0082555
0.43176832	0.4330833	0.49594786	0.49901239	0.34754875	0.39467995	0.38610268	0.39610689
0.37867869	0.42366878	0.38956016	0.39294591	0.38678543	0.34366493	0.37699952	0.36155151
0.48639708	0.49562041	0.50510779	0.51442085	0.52346678	0.53314205	0.54219933	0.55040725
0.4743012	0.44080771	0.39265498	0.34317006	0.34295148	0.33516085	0.34852991	0.35535308
13.0936799	13.1828077	13.5673626	13.7742587	13.9747877	14.3916732	14.5810851	14.7851291
34.3035493	34.5984279	35.0676595	34.2156413	34.7194357	34.8531906	34.3998099	34.85769
0.32350441	0.31597703	0.27721151	0.29327519	0.22439396	0.21890834	0.2100668	0.20671634
0.31411023	0.33363417	0.32798729	0.31818337	0.32085374	0.33487529	0.34860347	0.33680762
0.02027563	0.02054795	0.02087501	0.02159358	0.02163804	0.02566524	0.02651591	0.02650909
0.0020826	0.00228369	0.00221046	0.00210084	0.00205063	0.00193003	0.00171656	0.0018837
0.01296757	0.01327164	0.01420878	0.01435167	0.0139098	0.01547908	0.01675449	0.0153212
0.53128176	0.52629577	0.56307181	0.5612947	0.59671269	0.62872229	0.65684065	0.92365045
0.02195981	0.02229395	0.02218601	0.02253945	0.02239536	0.02260579	0.02243534	0.02228474
0.00822636	0.0068257	0.00752971	0.00712231	0.0074794	0.00848669	0.00786751	0.00786802
0.56681603	0.74423732	0.77164996	0.74986912	0.76674585	0.77349915	0.77885183	1.19656158
0.08259388	0.07445472	0.06716392	0.06906861	0.06620533	0.05021355	0.03385484	0.01638205
1.92957902	1.98023429	2.03042451	2.0811867	2.13265012	2.18365371	2.23458569	2.28662609
0.00307009	0.00376141	0.00337265	0.00555842	0.00304135	0.00350605	0.00265954	0.00346876
0.55808249	0.57454661	0.58964289	0.60359075	0.6166767	0.62845322	0.63768799	0.64700608
0.0002035	0.00020979	0.00021068	0.00021516	0.00021864	0.00023232	0.00023593	0.0002465
7.8577E-06	8.2958E-06	8.1923E-06	8.2194E-06	8.2574E-06	8.1724E-06	8.3259E-06	8.7929E-06
0.75672781	0.60213921	0.53453788	0.44865267	0.4738881	0.4767357	0.48468627	0.48104254
0.00236979	0.00166858	0.00084396	0.00084396	0.00085156	0.00086383	0.00089596	0.0009168
0.43390613	0.43681601	0.4400981	0.44087676	0.44122423	0.38827619	0.39747014	0.40679009
0.03711582	0.03799602	0.0389172	0.04026956	0.04205815	0.04105286	0.04357469	0.04407764
0.33148964	0.35113555	0.3895406	0.4397521	0.51555238	0.57501098	0.5920717	0.61665976
0.04955395	0.05094573	0.05222489	0.0532624	0.05486856	0.05601455	0.07286907	0.07455032
0.00099311	0.001002	0.00102715	0.00103568	0.00103563	0.00084807	0.00084866	0.00084914
1.14303074	1.1583415	1.17000301	1.15394573	1.13012572	1.12004794	1.12548453	1.07802156
0.29318563	0.29164972	0.2896749	0.29127131	0.303418	0.30416422	0.30209725	0.30311548
0.17090054	0.19007955	0.19206543	0.19688344	0.20821968	0.21208773	0.21655821	0.2154836
0.0078215	0.00828841	0.00803054	0.00803926	0.00777331	0.00869403	0.00910683	0.00853602
0.31562096	0.32235479	0.3050449	0.29527271	0.29323085	0.27626977	0.30633805	0.2978222
0.00133184	0.0012187	0.00139516	0.00132558	0.0012557	0.00112728	0.0011641	0.00114206
0.37814519	0.38388166	0.38954139	0.39500679	0.40031117	0.40489372	0.40933635	0.41352013
0.06616763	0.05842594	0.04446472	0.03280649	0.03342652	0.03204309	0.02904742	0.03772154
0.77064878	0.78804385	0.80902633	0.83064287	0.85481132	0.8772899	0.90527041	0.8836026
0.00105392	0.00108456	0.00110798	0.00111724	0.00113458	0.00122621	0.00123919	0.00128297
2.41286942	2.42056618	2.42812272	2.43955043	2.44633078	2.46360977	2.31231541	2.30519873
0.06907345	0.06921171	0.06888574	0.05498659	0.06316146	0.07331162	0.05167122	0.05163986
0.52627765	0.52901508	0.5264065	0.53297517	0.56291719	0.56553313	0.56667768	0.57339992
0.00034916	0.00052808	0.00045192	0.0003304	0.00039886	0.00031486	0.00029173	0.0003206
2.9870323	2.94294281	2.99677303	3.05093439	3.03312219	3.0641715	3.1298429	3.19555316



0.07671882	0.07566209	0.05110325	0.04593612	0.06334083	0.06273247	0.09614507	0.09871558
1.38798649	1.41784248	1.44791999	1.78502653	1.82847133	2.06548783	1.75349742	1.91874208
0.16541759	0.16703271	0.16895176	0.17455653	0.1866691	0.18963666	0.19082011	0.19589749
0.00156059	0.00156301	0.00159472	0.00159467	0.00159924	0.00148403	0.00144729	0.00144787
0.0046616	0.00407458	0.00357542	0.00328351	0.00257772	0.00255283	0.00252376	0.00251634
0.62435622	0.60571554	0.60366739	0.61406153	0.64513283	0.64667981	0.63985159	0.64846234
0.12260023	0.1221079	0.11231108	0.10522405	0.09953754	0.09447803	0.09004708	0.08692705
0.05416898	0.05269758	0.05342034	0.05326382	0.05303423	0.06146907	0.06214526	0.06140639
0.00310404	0.00539153	0.00817038	0.00655679	0.0023056	0.00115245	0.00119663	0.00121304
0.51199137	0.53121152	0.67364595	0.68831717	0.70834546	0.4206159	0.43579599	0.45039513
20.2192368	20.7226118	21.2352609	21.7606038	22.3008423	22.8774397	23.4627858	24.0441459
0.31331812	0.3152004	0.31770835	0.32058434	0.32239809	0.32436694	0.32657599	0.33273541
0.22614008	0.24695245	0.23332921	0.23108496	0.22808257	0.22915567	0.23593894	0.22968295
0.20478602	0.20335931	0.20996721	0.22217671	0.21018272	0.21279032	0.22026082	0.25161215
2.28115394	2.33019243	2.38056872	2.43172653	2.48465666	2.58608707	2.65300762	2.74044295
0.08029346	0.07951449	0.08048134	0.08088517	0.07972077	0.0819541	0.079997	0.07929533
0.00324533	0.003779	0.00518311	0.00559582	0.00456907	0.00455053	0.00615178	0.00631534
6.72136275	6.85965901	6.9992021	7.15219138	7.32684474	7.50871945	7.69100114	7.86958004
0.11246168	0.12306015	0.12422516	0.12551496	0.1260929	0.06157852	0.06129514	0.06145122
0.78333471	0.77165644	0.76720661	0.97207497	0.94481523	0.97992081	0.98961722	0.97549542
2.32106295	2.24413315	2.16800491	2.09139736	2.01556271	1.93775937	1.86064436	1.78335681
0.00197905	0.00160974	0.00238441	0.00185624	0.00218162	0.00064838	0.0006498	0.00039482
0.41751066	0.41737946	0.41741187	0.41736269	0.4163266	0.41456941	0.41267804	0.41788062
4.55932485	4.70760579	4.18981026	3.52093671	3.57344408	2.88432594	3.15604929	3.28515748
0.00261796	0.00248598	0.0024703	0.00222846	0.00223422	0.00228728	0.00241758	0.0022158
1.52030913	1.38306319	1.35793256	1.28949744	1.41362687	1.48274058	1.48653336	1.41033867
0.41445596	0.41791955	0.41672874	0.41609846	0.41589348	0.41664242	0.42015183	0.42023681
0.37459159	0.38433412	0.4017268	0.351206	0.35505407	0.35500799	0.38305553	0.36371972
0.00045328	0.00046505	0.00049483	0.00052866	0.00049338	0.00043953	0.00051043	0.00047828
0.00126157	0.00128708	0.00113446	0.00116273	0.00116725	0.00121134	0.00174735	0.00127694
0.014127	0.01415234	0.01431433	0.01444372	0.01507088	0.01513507	0.01479844	0.01491063
0.42218773	0.8599382	1.11811837	0.99510979	0.94150902	0.91096723	0.69180492	0.71158578
5.7076289	4.46924673	4.17058888	3.58957894	4.39873107	4.59311263	4.77944693	3.85238976
0.88019849	0.94131163	1.17967685	1.02605849	1.06715763	0.72849795	0.72850486	0.72855466
0.01011767	0.00888125	0.00886396	0.00905401	0.00926692	0.00972877	0.0096662	0.0100913
0.43426104	0.42678633	0.42727146	0.48299513	0.46582204	0.54573449	0.53850467	0.56271608
1.33085556	1.40793771	1.43780509	1.46817107	1.49359863	1.51069135	1.52857776	1.58174311
0.19193608	0.19753389	0.20309705	0.20902306	0.21529848	0.21083727	0.21568428	0.21867292
0.00142877	0.00159285	0.00191002	0.00140244	0.00140071	0.00143052	0.00143718	0.00159032
1.6961E-07	1.7434E-08	2.447E-08	2.3459E-08	2.7387E-08	2.1071E-08	1.9385E-08	1.993E-08
0.0105636	0.01056639	0.01057265	0.01057332	0.01055246	0.01051443	0.01047712	0.01061324
0.56890406	0.56102576	0.59714727	0.61659612	0.66078553	0.67456643	0.66606003	0.66786756
0.35142356	0.35419676	0.35712975	0.36044057	0.36357712	0.09398672	0.1013401	0.10941553
0.95317121	0.98192528	1.01962021	1.06102581	1.14992921	1.17628646	1.21155445	1.25124196
6.8021E-05	6.7388E-05	6.5604E-05	6.7436E-05	6.7064E-05	4.9482E-05	4.9474E-05	4.9537E-05
0.01126043	0.01127872	0.01143861	0.01165127	0.01234439	0.01245879	0.01239955	0.01256553
0.00597794	0.00591895	0.00608822	0.00609048	0.00612607	0.0148132	0.01497841	0.00905428
0.07177419	0.07430311	0.06974069	0.05976007	0.05456404	0.04472392	0.05619514	0.0702597
0.08605031	0.08377991	0.08065871	0.07988077	0.0817788	0.17063187	0.20411266	0.16304103
0.35426306	0.37378453	0.36538547	0.3633776	0.31726895	0.35190626	0.32902952	0.32264869
0.18329398	0.18045604	0.17815019	0.17429274	0.17111694	0.16001627	0.16009558	0.15547707

0.00081253	0.00080343	0.00080223	0.00078717	0.00082485	0.00081711	0.00084427	0.00077755
0.01979001	0.01895723	0.01736328	0.01874367	0.01786802	0.01727252	0.02149389	0.01783553
7.2572E-05	7.6207E-05	7.6539E-05	8.4813E-05	8.8651E-05	7.8777E-05	8.0303E-05	8.4244E-05
0.64375588	0.65047774	0.65685156	0.67837277	0.72520704	0.73805795	0.74147509	0.75577554
0.2407406	0.24804664	0.25241525	0.25825027	0.29296502	0.30059295	0.30754014	0.3150582
1.49238405	1.39182079	1.4239106	1.44503997	1.50145661	1.51994149	1.54172202	1.57626238
0.01084285	0.0070779	0.01103106	0.01038229	0.00845149	0.0085549	0.00836728	0.01055622
0.04616784	0.05712591	0.0465409	0.05060485	0.05605338	0.04625639	0.04576072	0.04843009
0.01517613	0.01449553	0.01414016	0.01388813	0.01362991	0.01335986	0.01280397	0.01248808
0.00022984	0.00023708	0.00020052	0.0001972	0.00011653	0.00022615	0.00022609	0.00022868
0.00540247	0.00513657	0.00533711	0.00525617	0.00510615	0.00585317	0.00575034	0.00579591
0.21306159	0.2224997	0.23171512	0.24102539	0.25044003	0.27328893	0.28319874	0.29283127
3.37092901	3.33407228	3.44754451	3.22346057	3.0462323	2.94828518	2.67646288	2.69411155
0.03434798	0.04031262	0.03937783	0.04340897	0.05320974	0.05963872	0.06930917	0.06949303
2.8253466	2.87670691	2.93095169	3.09923314	3.27956951	3.47403529	3.58119569	3.74822985
1.84948209	1.89678562	1.93331712	1.95517779	1.9768756	2.00522555	2.04898344	2.10560349
1.88542949	1.41072254	1.23165735	1.19019832	1.17123454	1.11447751	1.03624548	1.10204404
0.1105365	0.11042114	0.11033139	0.11054212	0.11034657	0.11036175	0.11015325	0.10985648
9.74666492	10.002833	8.86938613	9.01639887	8.68064895	8.91576362	7.58917379	6.65060788
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0.00094679	0.00094017	0.00097828	0.00097002	0.00095518	0.00075136	0.00073993	0.00073246
0.1193165	0.1211093	0.12052254	0.12277226	0.12948153	0.13082871	0.13348056	0.13536595
0.0001091	0.00010552	0.00011533	0.00011643	0.00011918	0.00010304	0.00010559	0.00010956
3.36977769	3.37646381	3.5004142	3.60158801	3.67949517	3.74132197	3.80904918	3.85238726
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0.00536493	0.0053648	0.00536661	0.00536511	0.00535316	0.00533305	0.00531391	0.00537792
0.0128156	0.01329575	0.01396512	0.01443458	0.01451825	0.01527611	0.01614038	0.01755545
3.02127173	2.96701913	3.01595443	2.95961027	2.86883374	2.51018518	2.50836874	2.46783394
0.98597664	1.0015352	1.01912	1.04472203	1.08119227	1.11827701	1.14852552	1.17542287
1.87088548	1.92606506	1.93597479	1.97335862	2.01900639	2.0627085	2.03582772	2.05326282
0.00037701	0.00038373	0.00040551	0.00041362	0.00043015	0.05550844	0.05543077	0.05539465
0.27993744	0.29445202	0.30960306	0.32311241	0.33627396	0.35235169	0.38091897	0.38967499
30.9359966	38.3107287	40.0132257	43.6280103	43.4496109	39.8148996	37.5964764	36.3087593
0.19752814	0.1965444	0.18035372	0.18133558	0.17824536	0.17553679	0.17705281	0.18085716
0.10257426	0.10295512	0.10129145	0.10650879	0.09048523	0.093336	0.10442952	0.08684964
22.7210651	23.9261417	21.8556314	20.3312782	19.7795782	21.8002192	20.4729819	18.7534845
14.2695004	13.1200875	13.4337586	12.8056944	13.7103014	13.2113942	13.1492145	13.0926717
0.29767602	0.30368621	0.30640691	0.30508066	0.3081883	0.30430251	0.32694737	0.31894237
2.5825E-05	3.2598E-05	3.1344E-05	2.7365E-05	3.4307E-05	2.4838E-05	2.3671E-05	2.534E-05
34.140678	34.3655302	36.0863958	37.9398856	37.2265146	39.4542507	42.3532554	42.8907845
0.92539755	0.89519556	0.90921994	0.93421155	0.96937273	1.00983721	1.02635326	1.0634368
1.389381	1.35143793	1.31282402	1.46263711	2.10287402	2.13062822	2.15803238	1.90620541
0.54405435	0.59788457	0.61432574	0.63468474	0.1715635	0.18137591	0.1620274	0.16189573
1.90202948	1.81066616	1.81096742	1.78745286	1.83862392	1.89416391	1.89246896	1.95826018
0.49237693	0.34072599	0.3168562	0.32939504	0.45830417	0.49840563	0.51846942	0.51242762
1.01437792	1.06887497	1.0965333	1.12866292	0.33108746	0.33856836	1.23318781	1.26647253
0.80296829	0.84955754	0.85297271	0.90473551	0.96800984	1.03514935	1.12445761	1.18588035
1.46133074	1.43787714	1.42921497	1.37053267	1.13903949	1.13063509	1.15101097	1.11124005
18.6000068	19.3330515	16.2005353	16.6768165	18.6212788	18.6523088	18.9934191	17.5699305
0.00287293	0.00303467	0.00324566	0.00325363	0.0032691	0.00542602	0.00535337	0.005525
0.47314307	0.44930235	1.06676203	1.33062282	1.28203122	1.33101607	1.37241025	1.40336563

2.49800122	2.40616976	2.36494823	2.38058802	2.39843854	2.43605137	2.47025933	2.47521871
0.00183672	0.00194183	0.00204362	0.00202965	0.0020167	0.00350181	0.00345553	0.00356585
2.81E-05	3.6463E-05	3.4023E-05	2.9704E-05	3.724E-05	2.7571E-05	2.6569E-05	2.8E-05
5.24922457	4.85096669	7.60511517	4.4169066	4.29015011	3.65448106	2.91860682	3.16564613
22.8706216	22.9069176	23.5950384	23.846799	25.7393775	27.8772967	25.7623328	26.0325738
0.0151736	0.01645677	0.01619399	0.023655	0.02782365	0.04468919	0.03809913	0.03015844
1.35294947	1.40517796	1.49667484	1.70803645	1.9072002	2.13098544	2.56335558	2.02591715
0.03638723	0.03016257	0.02322912	0.02141798	0.02085722	0.04071064	0.05475892	0.05705721
0.48098601	0.42714984	0.43609892	0.50564046	0.51589303	0.52272364	0.52136312	0.53305848
0.08373855	0.08836185	0.10166662	0.10186997	0.06320761	0.06348157	0.05670959	0.05666351
58.583972	61.1482292	64.8431434	64.7720326	64.9522009	67.7383271	68.6830316	69.0919687
0.18907902	0.1967314	0.19679861	0.19669327	0.19594379	0.19469752	0.19882776	0.19965497
4.77028371	5.18390053	4.81178498	4.37099647	4.40952217	4.21075231	4.15519355	3.65391226
301.705879	310.043587	297.376453	284.469649	277.169794	288.285647	305.035904	314.656062
2.24026445	2.62620727	2.71171671	2.63769869	2.62706418	2.70743167	2.72199679	2.82029199
8.8856695	9.7481367	9.08891034	9.16629457	9.14054541	9.25348742	9.24640126	8.40503101
5.88374193	5.9116779	5.64871854	5.34259983	5.00604759	5.98336477	5.71620167	5.53937954
8.4650248	11.1456721	11.9535849	14.4615226	14.6671361	15.6764066	14.7821547	9.3613669
8.819862	8.39429922	11.1690783	12.2459175	11.083867	12.1116033	12.3869336	12.5236727
0.06440993	0.06963112	0.07143092	0.07368415	0.08561922	0.08899511	0.08198586	0.08447989
0.0414024	0.04458249	0.04657666	0.04869116	0.05704637	0.05978754	0.05528915	0.05718967
0.02024767	0.01935425	0.01937533	0.01489238	0.01460299	0.01474851	0.01986377	0.02153003
0.97935466	1.11645594	1.1191502	0.86846314	0.88940551	0.95508274	0.95948877	0.97662092
1.8707E-05	2.3615E-05	2.2038E-05	1.9241E-05	2.4122E-05	2.4185E-05	2.335E-05	2.4191E-05
0.01807755	0.01754969	0.01693804	0.02010982	0.02089068	0.01796979	0.01781479	0.01732434
4.05541788	4.64137648	4.6604932	4.37198725	4.00637846	4.29738592	4.34003706	4.33873073
26.5613335	24.8501508	23.9623598	22.0838752	21.7983217	18.8108304	17.3739601	16.4061383
0.08598571	0.09236465	0.09591956	0.09902565	0.11463753	0.11822686	0.10788054	0.11010529
0.0008554	0.00086799	0.0008854	0.00086227	0.00094922	0.00140499	0.00135707	0.00137092
0.28686466	0.31395587	0.36140713	0.3395176	0.42001695	0.39345328	0.39764618	0.40621053
0.33290229	0.31724367	0.30429235	0.2718887	0.26699403	0.26137591	0.24386159	0.24879801
57.4046553	58.6018156	50.5816234	47.0995692	46.8881141	51.8151038	42.7427583	38.2429946
7.38703115	8.01465853	7.66502221	7.04109521	6.68935185	6.48280248	6.69968404	6.23447563
25.4309623	26.5387274	25.7098216	23.1302866	23.9661394	22.4411642	22.2453688	22.5025691
0.33441486	0.35483076	0.36414267	0.20910115	0.21482999	0.21769421	0.22915189	0.23488073
3.25578517	3.19209667	3.24594292	3.0479788	2.86548992	2.72530061	2.65169612	2.51956895
0.0180819	0.0181874	0.01754467	0.01730253	0.01794328	0.02153458	0.02377411	0.02595762
2.26041807	2.33192164	2.40056266	2.47205814	2.54648291	2.62098194	2.70157076	2.78058096
0.0879971	0.09442596	0.08966498	0.09133322	0.09027718	0.09102767	0.08858827	0.09146493
0.00537948	0.00549755	0.00571354	0.00587116	0.00599422	0.00611627	0.00616025	0.00620351
0.00030079	0.00030682	0.00031649	0.00030052	0.00028648	0.00063908	0.00061419	0.00061227
4.97065008	4.69810436	4.46334442	4.19428593	3.99671213	3.84263217	3.68630711	3.56852914
17.1729148	19.2504097	17.7295654	20.715488	19.5427653	19.8390744	20.3456502	19.6334945
18.0254905	17.5679876	17.3250094	15.5600011	14.5566879	13.0782434	12.4567752	11.7973752
0.10857126	0.11258933	0.10778307	0.10441736	0.10174197	0.10517121	0.10614359	0.10219944
1.50535113	1.54034816	1.56996354	1.61607968	1.65517676	2.02574079	2.08697707	2.18679188
0.05731535	0.7206955	0.0802666	0.09650839	0.82629799	0.83612176	0.76478281	0.78243127
0.0056695	0.00633732	0.00665336	0.00664823	0.00659073	0.01111875	0.01086393	0.01110833
0.10567706	0.11321231	0.1160065	0.11913156	0.13726585	0.14147925	0.12941128	0.13240103
0.11190346	0.11703888	0.11860733	0.12498909	0.14752354	0.15563564	0.14198731	0.14488589

1.80503431	3.79625629	5.57012985	6.97576682	7.64591524	9.09516421	9.60796137	7.21769473
3.41384992	3.38403233	3.49907984	3.60179168	3.53065362	3.57958807	3.58477642	3.59487016
8.7344E-06	1.187E-05	1.4737E-05	1.0954E-05	1.3733E-05	1.0508E-05	1.0414E-05	1.0702E-05
0.17658109	0.20998545	0.24380233	0.31758703	0.29006391	0.26738602	0.27032784	0.26321551
0.00888787	0.00958333	0.01047689	0.01134366	0.01203051	0.0218171	0.02264641	0.0246035
0.00286422	0.00286422	0.00286422	0.00286422	0.00286422	0.00286422	0.00286422	0.00286422
0.04143375	0.04302933	0.04428931	0.04558495	0.04661903	0.04731576	0.0481092	0.0486842
0.034376	0.04010484	0.04010484	0.06588779	5.5483E-05		4.2428E-05	3.5901E-05
0.37641819	0.36028801	0.36146796	0.34036893	0.32781309	0.32337013	0.33761127	0.34069171
2.2542828	2.29438426	2.34021496	2.38318064	2.42328249	2.46624857	2.50635004	2.5464515
2.35814401	2.39893145	2.4127566	2.38291709	2.35950978	2.3429454	2.35819094	2.35497789
59.9243217	67.1306395	71.5914991	65.4209329	62.2905869	60.8601475	64.4404565	60.2577374
57.5381276	58.8191458	62.5642523	59.4943109	60.5101488	61.7229355	62.92699	63.4450606
0.80052231	0.86244062	0.52595514	0.16658431	0.55212204	0.94241416	1.00926525	1.04678205
99.5446214	105.459119	104.866733	88.4807491	85.9501451	97.9837639	88.1015363	87.8102588
26.3934121	24.9996471	42.6223995	50.6059526	59.7454504	64.7684028	65.9461539	58.1372892
0.09797378	0.09181695	0.09817959	0.10274121	0.09534609	0.09457938	0.09509852	0.09248291
4.69315132	4.71941266	4.83701349	4.78913866	4.69751444	4.63774796	4.64848031	4.76597314
0.11169594	0.11152897	0.11442205	0.11449111	0.11575413	0.12008109	0.12294078	0.12368007
0.05280239	0.05367561	0.0567996	0.05709466	0.05614992	0.05848027	0.05745464	0.06210056
7.74985394	7.55665431	6.33867505	6.0836601	6.00027324	5.55583315	5.53099066	4.80978376
20.5077846	19.0646235	18.2806489	17.4020821	15.2621749	18.9956116	19.4852052	19.181365
4.2481785	4.37362876	4.49884006	4.62553883	4.75424398	4.88852423	5.02057596	5.15707999
0.12248374	0.10813911	0.12988609	0.10800822	0.10456375	0.10938061	0.11781547	0.11267229
0.92959039	0.95645709	0.98063711	1.00481714	1.02631049	1.04511719	1.06123759	1.07735761
0.00068911	0.00071234	0.00071771	0.00074347	0.00075743	0.00077375	0.00078912	0.000804
4.7173E-06	6.9474E-06	6.4822E-06	5.6593E-06	7.095E-06	9.1053E-06	9.0475E-06	9.7585E-06
3.80002303	3.63603536	3.64341009	3.54960292	3.53397668	5.44195569	5.13159905	3.08543738
25.5359379	26.5095086	28.7802005	25.0314707	23.0762049	26.3252096	24.4349437	24.3193927
0.04727652	0.0519006	0.05615387	0.05993369	0.06330831	0.28657321	0.29724954	0.3078007
0.03325475	0.03327763	0.03333864	0.02771658	0.02498199	0.03373519	0.03391059	0.034147
0.2193956	0.24484624	0.2796484	0.31759302	0.40470325	0.46131148	0.43147086	0.45138419
48.3853221	50.2116857	41.4053147	37.6024943	34.3644313	37.0150261	33.7202095	32.5637897
0.00102018	0.00106195	0.00110535	0.00106891	0.00104519	0.00175035	0.0017146	0.00175425
0.07816833	0.09963382	0.09489524	0.08323544	0.06940619	0.15876959	0.15672641	0.14705841
0.18284351	0.19013146	0.19150099	0.19705404	0.22861288	0.23724875	0.2164794	0.2209391
0.14713265	0.16003754	0.17747256	0.2020071	0.18092413	0.1949812	0.22826465	0.22272995
0.01850354	0.01912998	0.01974502	0.02012012	0.02033947	0.02069604	0.02095513	0.02149422
0.06084532	0.06129269	0.06170771	0.0612387	0.06199749	0.0634758	0.08487441	0.09063834
0.00583518	0.00279347	0.00386438	0.0035471	0.00253896	0.00300429	0.00291608	0.00269693
0.39564056	0.32835163	0.27222789	0.22590765	0.17247789	0.12580071	0.11410746	0.1078598
0.08596209	0.08544888	0.08505099	0.08449886	0.08438669	0.08352207	0.07919066	0.07813926
0.80401732	0.87860807	0.95925545	1.0451062	1.13739073	1.22655096	1.32579737	1.36762811
0.00127262	0.0013269	0.00139602	0.00141884	0.00144962	0.00176289	0.00179603	0.00183087
14.4984928	17.0337177	20.8574716	21.1043713	18.6250362	19.3522196	17.4035132	15.4758863
0.22551715	0.24405046	0.22824573	0.26304336	0.23659709	0.22220754	0.24612464	0.23525031
0.21140643	0.22566451	0.23413492	0.2414908	0.28036486	0.29115972	0.26875754	0.27747849
0.72850805	0.73351441	0.76279173	0.81573174	0.66635614	0.85522873	0.958822	1.07925516
0.88913558	0.27608002	0.26847182	0.27480437	0.27571212	0.30686951	0.31483645	0.34358639

0.87569702	0.88628646	0.88538506	0.9157848	0.91533011	0.95119229	1.05446324	1.09366693
0.28016183	0.29833747	0.30840967	0.32306719	0.37801761	0.39571386	0.36697315	0.38064924
0.00510482	0.00568848	0.00595173	0.00577652	0.00569009	0.01006868	0.00978668	0.00996101
0.0057288	0.0057288	0.0057288	0.0057288	0.0028644			
0.99529215	1.01826426	1.03853504	1.06706969	1.2208502	1.26131013	1.1483781	1.17492153
9.24193449	11.2666914	13.5320539	10.1073253	10.1357972	10.6721574	10.6700133	10.6450881
0.1174404	0.1203048	0.1260336	0.1260336	0.1317624	0.20624006	0.20624006	0.200508
0.001067	0.00108945	0.00109486	0.00108967	0.00124253	0.00127257	0.00129823	0.00132308
0.07736543	0.08059359	0.07996528	0.08342492	0.08299502	0.0854281	0.08845785	0.09198363
212.522758	254.490799	229.609835	205.185086	191.866043	216.089292	214.043791	169.496998
0.10786307	0.09080928	0.09490821	0.09563697	0.09532928	0.09260234	0.09335615	0.07822846
4.81184347	4.83241811	3.90532706	3.79604401	3.48469341	3.35577229	3.39467067	3.24822231
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0.02912621	0.02892561	0.02879746	0.02872491	0.02867521	0.05618849	0.06438374	0.06414797
1.09089412	1.23718998	1.42361811	1.26989902	1.23162353	1.20681309	1.31150296	1.2557993
20.4795031	21.643538	24.1732356	20.906318	22.3965221	23.9052639	25.4844584	25.9706526
9.73039434	9.97442286	10.1081136	11.0396057	10.3362854	11.3205332	10.6598431	11.8874969
0.01920884	0.0280154	0.02826027	0.03379365	0.037548	0.02406899	0.02412549	0.01395551
2.88724644	2.95271292	2.82216067	3.2144505	2.91443615	2.74309677	2.53495682	2.44318864
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0.14625261	0.1361176	0.11227861	0.09662138	0.11439658	0.07109594	0.06792971	0.03271755
0.63432008	0.65129814	0.49502469	3.04769487	0.79643547	1.37724156	0.78256494	0.94012856
55.1695675	53.2063817	52.3673433	42.7927645	39.3808363	35.5917042	34.659342	33.2446815
0.01649971	0.01921086	0.02282913	0.0143252	0.00909566	0.01207034	0.00144762	0.00141354
11.8095142	12.878197	12.6553564	11.495268	12.8911373	13.7717529	14.1605957	13.6563052
0.08030671	0.08135175	0.08820668	0.095604	0.10589941	0.11992294	0.12278608	0.12887894
0.60673265	0.57130329	0.5977716	0.5922588	0.45808124	0.45762673	0.46830932	0.56231258
7.94138695	11.576356	22.5973086	21.6736919	23.2411032	26.6372791	22.2630838	21.5194343
0.03421431	0.03565174	0.03623239	0.03627911	0.04087124	0.04315537	0.03872455	0.03886847
6.83078658	6.76374563	6.26430163	5.75792021	5.46675222	5.09266222	5.06167568	5.76829315
158.369567	152.706277	148.202855	144.692844	149.866005	152.742391	159.200679	163.692835
2.06605452	2.1009816	2.28098868	0.58300863	0.60718863	0.60718863	0.60718863	0.60718863
52.8425217	55.3663324	57.3599563	55.8242458	51.2263256	56.5655353	54.3497559	51.5364156
2.28473265	1.49879617	1.57117085	1.61186399	1.27893891	1.55501316	1.54491191	1.58894369
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10.3633844	10.7232376	11.2524261	11.7160832	11.29973	12.0897712	12.092862	11.7514095
0.9584436	0.98669334	1.01276862	1.04150407	1.07245934	0.95137057	0.96835969	0.97736566
0.46912596	0.50160462	0.50088205	0.47212315	0.4106649	0.38921543	0.38262878	0.38238372
3.2227E-05	3.2742E-05	5.9409E-05	6.3072E-05	7.6824E-05	0.00025639	0.00020411	0.00023895
0.00228128	0.00236886	0.00247681	0.00255959	0.00263258	0.00270386	0.00277749	0.00284927
0.57933374	0.61019876	0.67879679	0.71515933	0.84624149	0.89753262	0.82210811	0.84225714
0.0549002	0.05507069	0.05523151	0.0562182	0.05686727	0.05669776	0.05980819	0.05664151
1.32924659	1.43696899	1.52063672	1.58942346	1.87003316	1.96811599	1.89558822	1.9749957
4.0616E-06	5.1267E-06	2.7781E-06	3.2339E-06	4.0543E-06	3.2256E-06	3.074E-06	3.3451E-06
0.01651368	0.01742611	0.01798974	0.01847868	0.02133106	0.02202508	0.0201211	0.02056346
0.12159768	0.13625126	0.11838435	0.13696678	0.18019121	0.12638289	0.13166726	0.12864381
1.60596127	1.55481764	1.51108803	1.51520436	1.43055774	1.32396573	1.31384407	1.28631165
1.27042938	1.21434068	1.30488063	1.32060934	1.21591986	1.19193037	1.13226307	1.30947617
0.1399554	0.13380427	0.13676647	0.13661401	0.1384505	0.13707076	0.12823069	0.12415636
0.1522583	0.13593257	0.23960457	0.24301863	0.29699534	0.27008711	0.24494009	0.29942987

1.9713E-06	1.9957E-06	2.062E-06					
30.1561176	29.7400658	28.2968225	26.8934648	26.9969845	28.1368455	20.9395843	15.825018
0.00019906	0.00021378	0.00021634	0.00023491	0.00024261	0.0004322	0.00043554	0.00046522
0.69404424	0.73462863	0.75511032	0.78253291	0.90683953	0.94004411	0.86232601	0.88477366
0.9080148	0.9910824	1.0798788	1.1772684	1.2546072	1.2861156	1.317624	1.3491324
12.7305243	12.1050114	12.2059382	11.9882558	12.1169213	12.4340534	12.5978448	12.7847288
0.11013583	0.10473667	0.10521501	0.10458304	0.10485293	0.21730743	0.22756766	0.2293258
5.13628216	6.67134865	4.10395685	6.94411702	10.5267169	11.1777497	11.1604202	13.050327
0.00063631	0.00065367	0.00068394	0.00068672	0.00069219	0.00070006	0.00070144	0.00070244
1.03917142	0.89426958	0.87551312	0.9250338	1.01689644	1.11285286	1.12220477	1.23929429
2.4524093	2.46747342	2.47384898	2.71746819	3.05485137	2.84546411	2.85511331	2.85932437
4.83003669	4.97650835	5.19566124	5.30737453	5.1219707	5.22828757	5.107189	4.84442309
0.73053016	0.70321775	0.72095732	0.75560596	0.76285085	0.77053216	0.7733771	0.8074241
1.52100727	1.55174724	1.56640659	1.90113621	2.30708883	2.78625689	2.88070733	2.97971646
2.119656	2.1683508	2.21991	2.262876	2.3087064	2.3545368	2.4175536	2.4805704
42.9363251	38.0826298	38.1337026	38.0729184	39.7847389	39.7754488	40.9364389	42.1872324
0.01687783	0.01951091	0.01857217	0.02343567	0.02283525	0.0247914	0.02125451	0.02090822
360.133941	362.57852	375.414576	372.435244	368.917113	367.471324	377.157594	369.260523
12.2106559	14.1627669	13.379438	13.9188296	11.458004	13.889789	18.336782	24.3030931
0.00105665	0.00110759	0.00119317	0.00116601	0.00115249	0.00189265	0.00185247	0.00190264
28.4669971	30.1884774	33.5445761	36.3601298	34.3384372	37.0559431	36.3515132	31.662728
7.6488E-05	8.6593E-05	9.2226E-05	9.2923E-05	0.00010159	0.0002534	0.00025663	0.00027729
10.2205845	10.446504	9.97233996	10.4132068	11.8007006	11.3530858	11.9266068	12.0524736
0.00092807	0.00095816	0.00099072	0.0010244	0.00101275	0.00108268	0.00111156	0.00114253
0.00108079	0.00109828	0.00111712	0.00113615	0.00114565	0.00115498	0.00115089	0.00114657
4.974871	5.2600421	5.67280055	5.40085872	6.28089617	7.62266251	6.9407528	6.81604836
39.3224439	39.3683551	42.0966365	42.6239852	42.3860548	41.4303359	41.0760931	40.0960906
2.09626499	2.12779427	2.21204114	2.3000618	2.38790591	2.45331728	2.52511634	2.58262984
0.90193461	0.85293977	0.78047269	0.80767734	0.89432776	0.85954831	0.86057671	0.7983726
2.5465E-05	2.146E-05	2.5405E-05	2.0654E-05	2.1896E-05	2.0008E-05	1.9444E-05	3.1029E-05
0.00103916	0.00106709	0.00094912	0.00084181	0.00106196	0.00141483	0.00139567	0.0015538
0.00442195	0.00454756	0.00440425	0.00393653	0.00420649	0.00433949	0.00448763	0.00460957
1.0222E-06	1.0504E-06	9.8976E-07	1.634E-06	1.6077E-06	1.6938E-06	1.5388E-06	1.4525E-06
0.00046537	0.00043878	0.00024025	0.00040247	0.00279712	0.00276594	0.00280863	0.00072002
0.00045924	0.00046262	0.00048288	0.00050314	0.00052678	0.00054704	0.00054366	0.00054704
0.02173516	0.02148055	0.02258672	0.02228727	0.02184216	0.0192697	0.02319348	0.02178426
0.05616351	0.05223982	0.06007348	0.06173658	0.06102507	0.05971709	0.05818136	0.04973934
0.000372	0.00024649	0.0005429	0.00061282	0.00075462	0.00036081	0.00039945	0.00039864
6.5663E-06	6.3316E-06	5.935E-06	6.0393E-06	6.4338E-06	3.7772E-06	4.2895E-06	1.0274E-05
0.12714122	0.14963066	0.15982548	0.15198182	0.15331225	0.15349376	0.14969346	0.15006294
0.0324348	0.03145517	0.03537894	0.03248903	0.04054081	0.04079415	0.04411308	0.04003248
0.00439055	0.00243337	0.00209625	0.00123053	0.00167115	0.00179993	0.00143485	0.00185186
0.00097277	0.00094285	0.0008676	0.0008831	0.00072272	0.00075306	0.0007203	0.00084722
0.03718496	0.03662488	0.04038036	0.04188099	0.04398369	0.0467027	0.05238258	0.03763364
4.2666E-05	0.00018194	0.00021499	0.00016173	0.00036836	0.0003575	0.00018348	0.00018374
0.00155404	0.00146938	0.00138099	0.00131232	0.0010503	0.00108699	0.00106562	0.00124497
0.00780248	0.00474969	0.0058094	0.00321535	0.00275777	0.00295211	0.00594411	0.00656141
0.0087172	0.00864204	0.01483203	0.01229059	0.00960747	0.00962486	0.01146549	0.0110309
2.2403E-05	2.6838E-05	3.5204E-05	3.7246E-05	3.7901E-05	4.0698E-05	6.2798E-05	6.5041E-05
0.00042328	0.00042919	0.00044421	0.00030375	0.00031146	0.0003313	0.00028238	0.00031762

0.00035367	0.00024007	0.00029155	0.0002722	0.00027248	0.00262191	0.00265595	0.00316179
0.00335941	0.00393959	0.00418501	0.00463495	0.00453209	0.00358093	0.00378987	0.00371506
0.0017281	0.00174403	0.00183484	0.00118095	0.00121661	0.00135127	0.00109331	0.00106889
7.1449E-06	7.0823E-06	6.4424E-06	6.5557E-06	6.9839E-06	4.1929E-06	4.8148E-06	1.1352E-05
0.01046125	0.00937702	0.0098691	0.0103832	0.01086826	0.01735981	0.01787407	0.01874671
1.63352085	1.57605239	1.57051893	1.54352107	1.69445931	1.71961244	1.68712386	1.7879238
0.00022817	0.00023114	0.00023869	0.00017535	0.00019214	0.00021009	0.0001811	0.00018361
0.00022927	0.000262	0.00030565	0.00022195	0.00018918	0.00016012	0.00013102	0.00014193
0.00330037	0.00338852	0.00285319	0.00244717	0.00314452	0.00439179	0.0040667	0.00447325
0.00103007	0.00142523	0.00138799	0.00258423	0.0022005	0.00212398	0.00239759	0.0026043
0.00043367	0.00035443	0.00032876	0.0003116	0.00019142	0.00020131	0.00019341	0.00022371
0.34831106	0.32623175	0.32355132	0.33172216	0.35510702	0.37003682	0.3353396	0.36226507
0.02003174	0.01945258	0.01683579	0.0165585	0.01946361	0.01961085	0.02053069	0.01921401
0.03954591	0.04141209	0.0429795	0.04409359	0.0481565	0.05431175	0.04918749	0.05074057
2.73486565	2.54912041	2.4493513	2.65761624	2.22575547	2.1339931	2.22204378	2.29823107
0.00049764	0.00057584	0.00067329	0.00055303	0.00083256	0.00081902	0.00080679	0.00074174
0.00176574	0.00176236	0.00173568	0.00172555	0.00175594	0.0017762	0.0017762	0.00185039
0.08336024	0.08594618	0.0887819	0.0915496	0.09405365	0.09548375	0.09901866	0.10249465
3.7145E-05	3.0391E-05	2.0261E-05			3.3769E-06	1.3507E-05	6.7535E-06
6.8462E-06	6.7963E-06	6.2364E-06	6.4121E-06	7.1011E-06	1.1218E-05	1.0013E-05	5.8318E-06
0.06666978	0.0691067	0.10023082	0.10194242	0.10217515	0.08495776	0.09236788	0.11151687
2.755E-05	2.7188E-05	2.5461E-05	2.5882E-05	2.2038E-05	2.8043E-05	2.8144E-05	3.1961E-05
2.4486E-05	2.5861E-05	2.523E-05	2.4732E-05	2.2024E-05	4.6651E-05	5.3559E-05	5.9649E-05
0.007158	0.00742626	0.007158	0.00552288	0.00562655	0.00777152	0.00674931	0.00581146
0.08387466	0.09708937	0.09539351	0.08549752	0.08983959	0.09417039	0.09799001	0.07072711
4.7565E-06	4.5868E-06	4.173E-06	4.2464E-06	4.5237E-06	3.6778E-06	4.2315E-06	9.8078E-06
0.00137793	0.00149892	0.00141342	0.00149173	0.00155168	0.00172618	0.0017157	0.00170173
0.03838643	0.0350154	0.0365976	0.03848864	0.03092877	0.0290402	0.03309141	0.03422647
0.12930523	0.12542714	0.12133297	0.11361071	0.10798575	0.10440399	0.09908758	0.09815736
0.00014226	0.00015175	0.00015741	0.00015411	0.00014867	0.00011441	0.00011382	0.00011996
0.00010339	0.0001032	0.00011211	7.0664E-05	7.2565E-05	7.9648E-05	6.5193E-05	6.3594E-05
0.01145342	0.01123733	0.0112128	0.01101408	0.01078956	0.01065292	0.01107484	0.00936487
0.01066602	0.01085714	0.01168616	0.01127029	0.01076258	0.01218454	0.01227915	0.01402515
0.00760403	0.00654478	0.0054584	0.00609376	0.00625797	0.00579184	0.00567938	0.00651678
0.01451576	0.01598206	0.01082476	0.01642738	0.01578535	0.01562979	0.01493379	0.01436156
0.02454916	0.02722001	0.02849637	0.0256312	0.02627075	0.02570832	0.03072768	0.02949563
6.1303E-05	5.0912E-05	5.4289E-05	4.0782E-05	4.7796E-05	4.0782E-05	4.7796E-05	4.4419E-05
2.0327E-05	2.0784E-05	2.211E-05	2.1699E-05	2.1824E-05	2.92E-05	2.9313E-05	2.9774E-05
0.09123193	0.0858801	0.08989242	0.09281254	0.08856881	0.0858404	0.08924988	0.09060894
0.0042935	0.00597995	0.00384189	0.00338584	0.00375577	0.00384342	0.00452158	0.0048616
0.00088358	0.00101634	0.00105289	0.00115145	0.00123609	0.00126789	0.00146612	0.0015155
0.12336126	0.12167782	0.13509886	0.14156657	0.14243552	0.14282232	0.13229296	0.13607959
0.0012927	0.0013386	0.0010302	0.00078877	0.00110843	0.00110177	0.00095105	0.00101909
1.0835E-05	1.0693E-05	1.1395E-05	7.0519E-06	7.1709E-06	7.8254E-06	6.4001E-06	6.46E-06
0.12733634	0.12925949	0.13229245	0.12659776	0.11737016	0.11655961	0.11712334	0.115686
0.00828978	0.00852681	0.00875398	0.00900261	0.00919762	0.00950459	0.00975336	0.02105956
0.09567708	0.09475008	0.09102739	0.08036418	0.07508384	0.07261306	0.07477002	0.07082189
0.0010608	0.00161811	0.00162851	0.0016834	0.00157728	0.0017364	0.00164369	0.00156978
0.01189924	0.01221654	0.01250685	0.01290592	0.01326088	0.02484649	0.02429894	0.02232611
0.00177443	0.00166569	0.0015005	0.00140419	0.00112623	0.00120244	0.00116281	0.00134972
0.00031424	0.00031367	0.0003222	0.00014845	0.00015374	0.00016089	0.00013719	0.00015543

8.3129E-05	7.933E-05	7.3988E-05	7.1669E-05	6.055E-05	8.3679E-05	8.4605E-05	9.5178E-05
0.00029057	0.00027465	0.00025243	0.00024721	0.00020505	0.00021492	0.00020825	0.00024687
1.8186E-05	3.2735E-05	4.3646E-05	5.6028E-05	4.7351E-05	8.3781E-05	9.8171E-05	0.00020774
0.02308306	0.02335877	0.02323993	0.02303193	0.02103825	0.02367549	0.02420996	0.02291652
3.9854E-06	4.0701E-06	4.555E-06	4.1821E-06	4.34E-06	3.4393E-06	3.8051E-06	6.3335E-06
0.01457668	0.01435267	0.0163621	0.01773426	0.01667096	0.01529011	0.01520853	0.00442188
0.00070061	0.00073314	0.00080862	0.00056321	0.00062204	0.00073373	0.00063909	0.00065861
0.00568376	0.00575485	0.00592396	0.00603263	0.00601548	0.00715461	0.00747082	0.00869443
0.00335122	0.00304786	0.00298626	0.0050103	0.00663905	0.00482715	0.00422139	0.00325349
0.01110369	0.01142676	0.01194359	0.01208034	0.01291599	0.00994492	0.01077837	0.01233863
0.00253838	0.00468045	0.00557337	0.00545289	0.00468786	0.00465517	0.00485401	0.0047691
0.00411874	0.00428443	0.00501772	0.00509043	0.00507766	0.0049497	0.00495222	0.00467242
0.00681654	0.00725382	0.00654907	0.00684601	0.0075289	0.007057	0.00714098	0.00793902
0.35855567	0.36122733	0.3688599	0.36877661	0.39258601	0.39858053	0.38165086	0.36502039
1.0178696	1.09444569	1.16142412	1.18837807	1.20313983	1.2230409	1.45295098	1.47417418
0.00665983	0.00713724	0.00720597	0.00771528	0.00777864	0.00907638	0.00957529	0.00920433
0.03568675	0.0332575	0.03825625	0.03562135	0.03654379	0.03729404	0.0378051	0.03881175
0.00957622	0.00969755	0.00924286	0.00925629	0.00948384	0.00992568	0.01061085	0.00967836
0.00101487	0.00121201	0.00117412	0.00122953	0.00111034	0.00161307	0.00159784	0.00166139
0.00324951	0.00318655	0.00210474	0.00190891	0.00176875	0.00176164	0.00146911	0.00144816
0.07198741	0.06807273	0.07092606	0.0725627	0.07612022	0.08651701	0.08951382	0.08468205
0.00763689	0.00822755	0.00854015	0.00715737	0.00735551	0.00685579	0.00596906	0.00603258
0.00190186	0.00191146	0.00202268	0.00218137	0.00218543	0.00238141	0.00227807	0.00229674
0.39106972	0.38826937	0.3831933	0.35446624	0.35503285	0.36893609	0.35319417	0.36635859
0.13940855	0.11668096	0.10323719	0.1027535	0.08493712	0.03117169	0.05090223	0.02729693
0.00710841	0.007478	0.0072954	0.00727978	0.00727516	0.00730586	0.00744275	0.00828208
0.00051316	0.00166061	0.00151408	0.00187101	0.00196711	0.00110967	0.00037276	0.00316626
0.01508163	0.01539675	0.01570781	0.01976245	0.0201596	0.02057625	0.0209899	0.01982255
4.4537E-06	4.4671E-06	3.957E-06	3.804E-06	4.4471E-06	8.3375E-06	6.9529E-06	9.8636E-06
6.411E-05	5.1217E-05	6.1069E-05	6.1091E-05	5.1199E-05	5.1253E-05	5.1508E-05	5.3824E-05
0.13302805	0.13663384	0.13536709	0.12117685	0.13041871	0.15433555	0.16515201	0.15374571
0.00332728	0.00259053	0.00243201	0.00353871	0.00305029	0.00411416	0.00388114	0.00370452
0.00476668	0.00485053	0.00404202	0.00335865	0.0042435	0.0018116	0.00187629	0.00199398
0.00239098	0.00214412	0.00247167	0.00204957	0.00258985	0.00227243	0.00284649	0.00219477
0.00040425	0.00040445	0.00040777	0.00043161	0.00038405	0.00045136	0.00044967	0.00054431
0.00193556	0.00192725	0.00210183	0.00204468	0.0020665	0.0021608	0.0022431	0.00215097
0.00011577	0.00011737	0.00012444	7.9594E-05	8.2495E-05	9.4554E-05	7.8952E-05	7.9959E-05
0.01802903	0.02680914	0.03028305	0.03150028	0.03944858	0.05218501	0.04547824	0.0508614
0.00028354	0.00026551	0.00024034	0.00022713	0.00018202	0.00021527	0.00020718	0.00023987
0.00246308	0.00235511	0.00241857	0.00264779	0.00222384	0.00209402	0.00252921	0.00408635
0.00278905	0.00287986	0.00236361	0.00180521	0.00183441	0.00197127	0.00237698	0.00193376
0.00310191	0.00315316	0.00350213	0.00379903	0.00364795	0.00302319	0.00383534	0.00346451
0.00020129	0.00022922	0.00021532	0.00023349	0.00027121	0.0002857	0.00026952	0.00030967
0.00859609	0.01208828	0.0112498	0.01078337	0.01197691	0.01243684	0.0131626	0.01265408
0.00066557	0.00052838	0.0005041	0.00040904	0.00031628	0.00033578	0.0003238	0.00031883
0.00715553	0.00760344	0.00775175	0.00811824	0.00795927	0.00839277	0.00862655	0.00859694
6.1502E-05	6.1663E-05	4.9471E-05	5.351E-05	6.0572E-05	0.00012951	0.00010323	0.00012961
0.08361478	0.09455852	0.10456011	0.10628989	0.09474329	0.09168383	0.08084103	0.08129174
0.00153914	0.00163508	0.00137849	0.00215897	0.00177076	0.00182196	0.0014395	0.00102231
0.00064589	0.00061535	0.00056146	0.00053669	0.00043458	0.00049821	0.00048309	0.00056361



			8.064E-06	8.064E-06			
0.01095996	0.01113918	0.01151381	0.01175251	0.0126782	0.01539166	0.01597096	0.01333187
0.00546975	0.00101548	0.00110858	0.00096974	0.00104473	0.00097341	0.00100333	0.0010923
0.01925805	0.01921853	0.01962629	0.02034538	0.02107454	0.00084255	0.00154327	0.00327418
0.00060208	0.00058827	0.00051204	0.00045684	0.00037677	0.0002449	0.00024708	0.00028469
0.00017028	0.00016965	0.00017519	0.0001266	0.00013073	0.00013299	0.00011756	0.00013992
0.00840279	0.00723971	0.00773554	0.0068378	0.00431382	0.00391729	0.00394029	0.00338431
0.00525432	0.00528053	0.0052977	0.0053518	0.00527146	0.00540454	0.00545584	0.00556991
0.03647291	0.03989787	0.04094004	0.04065716	0.03840538	0.043925	0.0440781	0.0457832
	0.00026684	0.00027788	0.00026732	0.00024453	0.00024453	0.00034483	0.00029732
0.00112516	0.00150658	0.00092619	0.00097124	0.00085542	0.00183895	0.00159739	0.00178382
3.5851E-05	7.7414E-05	0.00010495	0.00010859	0.00010859	4.5461E-05	5.6112E-05	5.6633E-05
0.04103255	0.04594237	0.05040204	0.05609619	0.0625579	0.07150323	0.07921992	0.08809443
0.00383616	0.00466869	0.00561692	0.00515906	0.00645973	0.00592587	0.0037057	0.00146543
0.01883143	0.01961039	0.01976548	0.01869292	0.01967958	0.01822047	0.01784272	0.01826468
0.02725506	0.0269988	0.02751782	0.03065093	0.03914348	0.03361194	0.02638057	0.02385379
0.00326411	0.00316982	0.00329485	0.00337444	0.00553481	0.00622961	0.00691633	0.00521808
0.01737058	0.01758791	0.01799801	0.01677309	0.01903922	0.02005831	0.02304185	0.02681662
0.00333794	0.00290049	0.00161003	0.00109575	0.00287411	0.00332156	0.00398105	0.00521035
0.11396763	0.11459415	0.11493857	0.12008215	0.12242681	0.12051751	0.12556643	0.13245508
0.00304137	0.00400203	0.00378206	0.00390825	0.00394736	0.00457054	0.00507535	0.00540352
0.00904348	0.00960854	0.00957134	0.03750653	0.03800028	0.03796964	0.03626377	0.0367862
0.04068712	0.04087122	0.04451379	0.04303094	0.04326971	0.04193364	0.0422329	0.04256685
0.0002474	0.00023149	0.00024405	0.00021982	0.00029107	0.00040681	0.00040301	0.00025918
0.00493674	0.00490178	0.00413023	0.00348324	0.00437533	0.00593218	0.00557521	0.00618221
0.16451059	0.17719167	0.16204935	0.12738544	0.11063641	0.10595247	0.09523589	0.09372426
0.00154847	0.00156454	0.00121177	0.00156486	0.00152792	0.00081309	0.00076912	0.00019756
0.13403077	0.11765381	0.11521754	0.10667178	0.11819779	0.12502958	0.13032273	0.12504759
0.05794191	0.05614661	0.05843311	0.05860846	0.05922409	0.06020869	0.05753545	0.0595548
0.08163821	0.08081158	0.08444014	0.08715745	0.06626692	0.06657061	0.06344145	0.06163304
0.00011294	0.00010999	0.0001028	0.00010519	0.00011689	0.00013582	0.00014035	0.00015616
0.00184358	0.00188662	0.00194214	0.00199957	0.00205672	0.00243926	0.00256833	0.00545877
0.0004034	0.00037709	0.00035362	0.00035404	0.0001992	0.00023614	0.00023659	0.00024614
0.03348408	0.02825667	0.0291253	0.0222261	0.01954586	0.02332369	0.02275725	0.02684996
0.12987235	0.11787088	0.1090477	0.09987424	0.11856799	0.12494375	0.12163407	0.11574434
8.8984E-05	6.411E-05	6.4219E-05	7.1361E-05	6.4327E-05	0.00015851	0.00015862	0.00021195
0.03406197	0.03951375	0.03544188	0.04197422	0.04580055	0.04549778	0.04711367	0.05175573
0.00367489	0.00977681	0.00768764	0.0116612	0.00557669	0.00831652	0.0085141	0.00873748
0.04242318	0.04567247	0.04737826	0.04874898	0.03692314	0.03693158	0.04013369	0.03814849
0.00038732	0.00037692	0.00042473	0.00053046	0.00065099	0.00055468	0.00072406	0.00079211
0.00059942	0.00044065	0.0004161	0.00039156	0.00036701	0.00217347	0.00233522	0.00257593
2.9934E-07	1.6957E-07	2.1488E-07	1.3849E-07	1.2712E-07	9.8874E-08	1.1256E-07	9.7109E-08
0.00013748	0.00013642	0.0001155	0.0001001	0.00012386	0.00017651	0.00016411	0.00017849
0.00070245	0.00065878	0.00064489	0.00062653	0.00052238	0.00052238	0.00051062	0.00059358
0.01110826	0.01085294	0.01168875	0.01229421	0.01207702	0.01171308	0.01190937	0.01193788
0.00110493	0.001069	0.00100611	0.00098449	0.00084092	0.00090084	0.00087471	0.00105868
8.6775E-06	8.6585E-06	8.5899E-06	5.8023E-06	6.0051E-06	6.3406E-06	5.3472E-06	5.9768E-06
1.7513E-05	1.7244E-05	1.6591E-05	1.6037E-05	1.4031E-05	1.4839E-05	1.4463E-05	1.6896E-05
0.00131748	0.00130647	0.00135184	0.00113224	0.00115158	0.00090204	0.0009151	0.00020648
0.01716303	0.02043075	0.02070606	0.0180532	0.01789862	0.02062718	0.01826632	0.01764307
0.00388445	0.00386401	0.00395157	0.00370001	0.00261263	0.00539115	0.00472579	0.00479169

0.17490573	0.17756376	0.18483809	0.18415092	0.16265816	0.18102569	0.14986413	0.15131752
0.00370285	0.00367692	0.00327877	0.0037127	0.0039095	0.00329968	0.00345942	0.00351979
3.4762E-05	3.8115E-05	4.2702E-05	4.1894E-05	4.1963E-05	9.2348E-05	9.9933E-05	8.8236E-05
0.00505949	0.00543372	0.00442131	0.00535285	0.00511384	0.00477022	0.00531165	0.00485718
7.3766E-06	7.8214E-06	8.1257E-06	5.7127E-06	6.1475E-06	6.8925E-06	6.0353E-06	7.2185E-06
0.00080513	0.00076647	0.00071762	0.00069192	0.00057555	0.00060762	0.00058933	0.00069176
8.3188E-05	0.00017989	0.00011573	0.00012494	0.00032755	0.00028703	0.00025925	0.00028582
0.18516043	0.21269538	0.20874844	0.16812582	0.18942193	0.19859701	0.17535181	0.20121477

0.00033456	0.00027052	0.00027609	0.00026137	0.00031984	0.00032548	0.00026576	0.0001894
0.00016224	0.00015383	0.00012451	0.00010077	0.00012694	0.00017271	0.00015236	0.00015884
1.9718E-05	2.1848E-05	2.0418E-05	2.1087E-05	2.2743E-05	2.0713E-05	1.7567E-05	2.025E-05
0.00090025	0.00100843	0.00106043	0.00108359	0.00105507	0.00118069	0.00145722	0.00142329
0.00254726	0.00275292	0.00283274	0.00291167	0.00284887	0.00309405	0.00317737	0.00310964
0.03858507	0.05895964	0.0639175	0.07149394	0.06042061	0.09149376	0.05563779	0.07963006
0.06189324	0.06391273	0.07085164	0.07216863	0.07510111	0.08091604	0.08051907	0.08661689
0.03140544	0.032091	0.03251311	0.03440872	0.03634658	0.03829319	0.03839228	0.03882743
0.02993681	0.03312834	0.0350763	0.03612312	0.03715964	0.03844749	0.04111523	0.04511358
0.08411091	0.06834784	0.0670516	0.06509554	0.0637589	0.06348528	0.06691322	0.06802104
0.00759429	0.00701028	0.00728952	0.00579963	0.00574412	0.00528978	0.0052016	0.00515706
0.94833875	0.92332692	1.02178568	1.0743081	1.74784335	1.82543762	1.63248113	1.45958423
0.00710922	0.0061817	0.00485657	0.00868822	0.00890978	0.00911587	0.00906416	0.00955743
0.00010946	0.00010895	0.00011748	7.3619E-05	7.4952E-05	8.1273E-05	6.6362E-05	6.5555E-05
0.03025301	0.0318417	0.03560886	0.03421909	0.02973581	0.03082871	0.03163725	0.031806
1.2746E-05	1.237E-05	1.3963E-05	9.0968E-06	9.6118E-06	1.0834E-05	9.4385E-06	1.067E-05
0.1290367	0.13028983	0.13968738	0.14351346	0.1451096	0.14828457	0.15556408	0.15869236
2.7068E-05	2.686E-05	2.2964E-05	2.0367E-05	7.161E-05	0.00010343	9.6531E-05	0.00010373
8.2204E-05	8.1621E-05	7.0421E-05	6.2794E-05	7.0191E-05	0.00010222	9.5037E-05	0.00010303
0.00060014	0.00069834	0.00081473	0.00094931	0.00110571	0.00128757	0.00143306	0.00168402
0.14408991	0.15544753	0.16529352	0.17618597	0.15478612	0.15888875	0.14073366	0.15595199
0.02804545	0.02836083	0.02975803	0.03044056	0.03113629	0.03216773	0.03348157	0.03437476
0.00888085	0.00830907	0.00855967	0.0089457	0.01121144	0.01115986	0.00976157	0.00936614
0.00013847	9.2821E-05	0.00015118	0.00016193	0.00016131	0.00012555	0.00012996	0.00014095
0.0004977	0.00051381	0.00051506	0.00059854	0.00055782	0.00046566	0.00041966	0.00040105
0.00018457	0.00021115	0.00042893	0.00039574	0.0006451	0.00075746	0.00085264	0.00085264
5.0794E-07	5.4889E-07	5.0716E-07	6.3787E-07	5.4677E-07	7.3134E-07	8.4196E-07	8.3483E-07
7.6527E-05	6.3023E-05	5.8521E-05	6.2122E-05	6.1913E-05	8.5433E-05	8.1702E-05	8.2095E-05
0.00056146	0.00056241	0.00060045	0.00064048	0.00064836	0.0006626	0.00060867	0.00063949
0.0316748	0.03398612	0.03693252	0.04142426	0.04656492	0.05235514	0.05785194	0.06414358
0.02342678	0.02942671	0.02899099	0.03243137	0.04005258	0.04186634	0.03882469	0.03971923
0.00066526	0.0007366	0.00089724	0.00089163	0.00072662	0.00079907	0.00076835	0.00045788
8.2969E-05	8.2546E-05	9.0797E-05	9.2175E-05	9.2085E-05	6.3362E-05	6.2727E-05	6.9569E-05
0.06284271	0.0642923	0.06493089	0.06988202	0.0722961	0.07326574	0.07681697	0.09110892
0.03013331	0.03565629	0.03223101	0.03251163	0.03404165	0.03033115	0.03243626	0.03531618
0.00489983	0.00452253	0.00442775	0.00478058	0.00477316	0.00512076	0.00621223	0.00570363
0.00043417	0.00047356	0.00049047	0.00052513	0.00066484	0.00068063	0.00067122	0.00066182
0.02742914	0.02748383	0.02777876	0.03133509	0.03286141	0.03254586	0.03429437	0.03394055
3.533E-05	3.8707E-05	5.2735E-05	6.0791E-05	5.4037E-05	5.7414E-05	7.1442E-05	7.8716E-05
0.00069168	0.00073277	0.0008325	0.00086719	0.0010408	0.0010719	0.0011062	0.00110486
0.00538705	0.0054564	0.00544941	0.00608103	0.00704991	0.00745839	0.00988708	0.01153866
0.01095725	0.01151222	0.00829389	0.00823474	0.00735714	0.00704582	0.00778642	0.00716215

0.01772353	0.01868714	0.0190279	0.02078163	0.02128992	0.02192142	0.02280828	0.02392783
0.00071458	0.00079899	0.00080769	0.0010179	0.00093092	0.00081846	0.00082695	0.00086953
0.00022194	0.00054695	0.00140302	0.00193185	0.00189635	0.00203117	0.00200979	0.00217095
0.01483161	0.02028621	0.02128932	0.02043747	0.02106029	0.02251195	0.02381763	0.02485513
0.00053289	0.00056363	0.00062351	0.00109991	0.00110087	0.00120523	0.00120356	0.00121801
0.00012047	0.00012329	0.00012462	0.00012631	0.00012628	8.905E-05	8.8961E-05	9.6842E-05
0.0028581	0.00266908	0.00306669	0.00342058	0.00274461	0.00282444	0.00247153	0.00271127
0.04599773	0.05510696	0.06034179	0.06245885	0.07315625	0.07077567	0.08268387	0.09060362
0.00027493	0.0002622	0.00029475	0.00032527	0.00034485	0.00034499	0.00033889	0.00034502
0.00333449	0.00349551	0.00396688	0.00417211	0.00389619	0.00389357	0.003966	0.0042758
0.0003408	0.00033966	0.000327	0.0003424	0.00029511	0.00041668	0.00043381	0.00044461
0.00038318	0.00029299	0.00031394	0.00029616	0.0003703	0.0003703	0.0002811	0.0003006
0.00021785	0.00020736	0.00021363	0.00022532	0.00021783	0.0002292	0.00023286	0.00023026
0.08582109	0.08621663	0.09458502	0.10387186	0.11221085	0.11690749	0.12259927	0.12352016
0.02292926	0.02290448	0.02472435	0.0268532	0.02866318	0.0302862	0.03217633	0.03326596
0.01157889	0.01535528	0.01646811	0.0224571	0.02398734	0.02110645	0.02778528	0.02542227
0.29680492	0.31193914	0.32913964	0.35066397	0.35743608	0.38679297	0.40384972	0.44094992
0.00083969	0.00190809	0.00306885	0.00377946	0.00370756	0.00362058	0.00380328	0.00425809
3.2735E-05	3.2735E-05	3.6372E-05	5.4558E-05	4.3646E-05	4.0009E-05	6.5469E-05	0.00010184
2.4679E-05	2.4679E-05	2.4679E-05	2.4679E-05	2.4679E-05	3.6372E-06	7.2744E-06	7.2744E-06
3.6372E-06	3.6372E-06	3.6372E-06	3.6372E-06	2.546E-05			
1.4571E-05	1.4273E-05	1.5365E-05	1.7662E-05	1.7505E-05	2.3547E-05	2.5282E-05	1.4832E-05
0.01030967	0.00984074	0.01295897	0.01391311	0.00976714	0.0119615	0.01169831	0.01143655
2.0192E-05	2.1695E-05	2.1879E-05	2.7053E-05	3.0512E-05	4.2284E-05	4.5077E-05	4.5932E-05
2.6982E-05	3.2121E-05	3.1922E-05	3.5665E-05	3.7957E-05	9.3466E-05	0.00011143	0.00012182
0.0010632	0.00061072	0.0003588	0.00046781	0.00019433	0.00027495	0.00034856	0.00077496
0.01819648	0.02210617	0.02041426	0.01717131	0.02389512	0.02446937	0.02487883	0.02962138
8.0199E-05	7.9848E-05	8.072E-05	8.1817E-05	8.1797E-05	7.8112E-05	7.8184E-05	8.3668E-05
0.00096442	0.0009651	0.00101882	0.00113095	0.00122353	0.00126654	0.00119629	0.00122463
0.02426731	0.02690951	0.02830159	0.02842539	0.03048932	0.03163754	0.03216611	0.03238162
0.19047987	0.20481854	0.19952397	0.21498155	0.19899411	0.20229441	0.23007765	0.22502325
0.00030793	0.00032798	0.00032372	0.00036524	0.00036377	0.00024291	0.00025379	0.00026074
4.9698E-05	5.227E-05	5.4539E-05	8.5552E-05	8.5113E-05	8.9282E-05	9.0314E-05	8.9666E-05
0.03784557	0.04550531	0.0454819	0.04578811	0.04783923	0.0472695	0.05081044	0.05459913
0.00482436	0.00495721	0.00577636	0.00835453	0.00896866	0.00938938	0.00917345	0.00961691
0.01467244	0.01474877	0.0155951	0.0175812	0.01932013	0.01964616	0.02054342	0.02303489
0.00217463	0.00224562	0.00274081	0.00317065	0.00175554	0.00165614	0.00233485	0.00265184
0.01992441	0.020855	0.0222824	0.02274617	0.02503957	0.02247893	0.0272885	0.02877266
0.00028324	0.00028702	0.00028269	0.00024967	0.00030684	0.00029593	0.00031127	0.00027973
2.6358E-05	2.7807E-05	2.7051E-05	2.9042E-05	2.877E-05	3.8788E-05	4.3671E-05	4.4767E-05
0.03164389	0.03020377	0.03859995	0.03807068	0.04678225	0.05071974	0.05161549	0.06356741
0.01232105	0.01310299	0.01349211	0.01291368	0.01260429	0.01179348	0.01202167	0.01190901
7.2744E-05	6.9107E-05	4.7283E-05	4.7283E-05	1.8186E-05	2.1823E-05	2.1823E-05	1.8186E-05
0.05177177	0.05945868	0.06669705	0.06908901	0.07363166	0.08788436	0.09154295	0.10545036
0.00033451	0.00033585	0.0003611	0.00040439	0.0004346	0.00052153	0.00060971	0.00052767
9.7062E-06	7.3138E-06	1.0845E-05	1.0499E-05	1.0389E-05	1.1239E-05	1.1515E-05	1.2148E-05
0.0621394	0.0644363	0.06439482	0.06933973	0.07372103	0.07948451	0.0831158	0.0881953
0.00070699	0.00075038	0.00077274	0.00083626	0.00080767	0.00078955	0.00075841	0.00080462
0.08914275	0.10641681	0.11859415	0.12825816	0.15175686	0.1588806	0.17519016	0.18606319
0.00271604	0.00094604	0.00085747	0.00087836	0.000806	0.00093525	0.00047791	0.00030821
1.8186E-05	3.6372E-06	3.2735E-05	0.00134259	0.00122803	0.00054778	0.00098815	0.00215531

8.736E-05	9.072E-05	9.072E-05	9.408E-05	9.744E-05	0.00010416	0.00010416	0.00010752
0.00083551	0.00087524	0.00089384	0.00093221	0.00112085	0.00125365	0.00127658	0.00128772
0.00044866	0.00044878	0.00046486	0.00052698	0.00052658	0.00044472	0.00045559	0.00047575
6.755E-05	7.1105E-05	7.0892E-05	8.0298E-05	8.8436E-05	0.00012582	0.00013694	0.0001393
0.00016429	0.00017065	0.00017575	0.00019091	0.00023154	0.0002321	0.00023589	0.00023732
2.1823E-05	2.1823E-05	1.8186E-05	2.9098E-05	4.1983E-05	5.57E-05	9.576E-05	9.6457E-05
0.01521608	0.01445306	0.01475691	0.01590534	0.01792184	0.02035247	0.0201806	0.02052987
3.7446E-05	4.0136E-05	5.3977E-05	4.658E-05	4.6569E-05	3.394E-05	3.4868E-05	3.7013E-05
0.00842306	0.00826579	0.00967884	0.01115187	0.01342271	0.01346635	0.01632508	0.02883352
0.0004062	0.00043041	0.00045427	0.00072539	0.00076103	0.00075052	0.00079701	0.00084169
0.00210089	0.00212525	0.00217686	0.00221625	0.00218894	0.00062588	0.00061602	0.00065412
0.00547808	0.01189415	0.01564179	0.01533565	0.01595539	0.01519032	0.01566493	0.01555923
0.00099989	0.00080007	0.00094787	0.00145449	0.00398626	0.00126939	0.00230236	0.0029271
0.00215432	0.00253644	0.00275133	0.00317489	0.00322736	0.00323764	0.00372442	0.00441389
0.0001855	0.00027434	0.00038447	0.00028421	0.00022835	0.00021433	0.00022887	0.0002494
0.01055994	0.01115447	0.01186367	0.01255465	0.01258644	0.01242113	0.01340237	0.01322077
0.0358514	0.04091783	0.04691398	0.04300458	0.04682003	0.04656658	0.04846757	0.05028961
0.11608064	0.12381366	0.13275752	0.14135604	0.15129125	0.16129197	0.16833374	0.18220693
0.00557731	0.00632198	0.00669051	0.00706776	0.00774024	0.00848725	0.00893855	0.0101603
0.04756916	0.04983471	0.05507818	0.05992964	0.06577182	0.06806644	0.07579071	0.08248369
0.04824677	0.0476081	0.06746213	0.0338492	0.00882671	0.01899765	0.02790568	0.02124338
2.5341E-05	2.5828E-05	2.5828E-05	4.2628E-05	5.6444E-05	2.2844E-05	2.2844E-05	2.2844E-05
0.01086693	0.01042912	0.01087388	0.01023693	0.01179731	0.01244034	0.01105829	0.01312564
0.05279674	0.05401298	0.0588999	0.06546247	0.07526425	0.08332746	0.08478496	0.09569313
0.00440835	0.00433219	0.0042544	0.00453809	0.00456031	0.00508615	0.00527078	0.00519323
0.00255387	0.00273149	0.0029573	0.00307267	0.00275013	0.00299984	0.00298935	0.00322227
0.30181181	0.30500633	0.29764645	0.28920417	0.30843467	0.30898545	0.29324432	0.31327316
0.0167428	0.01511911	0.01262982	0.01310241	0.01242831	0.0165101	0.01599323	0.01816338
0.00162056	0.00179186	0.00174266	0.00231741	0.00247335	0.00304232	0.00246435	0.0023487
0.00087864	0.00096369	0.0009162	0.00065282	0.00060721	0.00069806	0.00068713	0.00063032
0.00014547	0.00021215	0.00026338	0.00031548	0.00032965	0.00036141	0.00041209	0.00056826
6.0708E-06	5.9504E-06	6.3861E-06	7.3197E-06	7.2297E-06	1.2834E-05	1.2291E-05	1.9214E-05
2.0224E-05	2.3491E-05	2.3742E-05	2.4065E-05	2.4059E-05	2.9408E-05	3.0294E-05	3.3751E-05
0.03921902	0.04307929	0.05209425	0.03831549	0.04289154	0.05948776	0.06266908	0.0631572
0.01302409	0.01340771	0.01551243	0.0199647	0.02432177	0.02681876	0.03121424	0.03307854
0.00054643	0.00055307	0.00054926	0.00056696	0.00049128			
0.00171126	0.00260306	0.00350851	0.00610451	0.00672281	0.00557414	0.00593487	0.00688836
0.00021874	0.00024286	0.00026629	0.00030862	0.00040808	0.0004817	0.0005048	0.00051253
0.00987903	0.00998517	0.01059907	0.01192343	0.01297243	0.0138267	0.01422493	0.01586321
8.172E-05	8.5007E-05	8.6989E-05	0.00012196	0.0001221	0.00014113	0.00014603	0.00014266
0.00025349	0.00110038	0.00134837	0.00123635	0.00149033	0.00328698	0.00306434	0.00350554
0.00014153	0.00014824	0.00015041	0.00015648	0.00019149	0.00026069	0.00026464	0.00026664
0.00274773	0.00298846	0.00292447	0.00312176	0.00247896	0.00314146	0.00422261	0.00525154
0.00097427	0.00078698	0.00084768	0.001022	0.00113177	0.00115291	0.00131991	0.00288666
0.00657595	0.00746387	0.0084552	0.00766063	0.00677185	0.00572775	0.00615462	0.00668526
0.00037372	0.00042555	0.0004726	0.00058073	0.00060863	0.00053883	0.00061307	0.00071371
0.00458706	0.00369284	0.00396759	0.00339124	0.00394118	0.0033567	0.00353348	0.00392838
0.00278844	0.00276863	0.00264536	0.00256431	0.00242924	0.00234024	0.00252188	0.00233935
0.00053863	0.00044701	0.00053449	0.00060026	0.00052527	0.00060548	0.00055546	0.00049078
0.00011186	0.00011033	0.00010263	0.00012961	0.00012832	0.00024623	0.00023181	0.00029756

0.06900873	0.06363509	0.0660995	0.08135269	0.0809878	0.09262015	0.11115333	0.11971898
0.00168789	0.00183433	0.00168877	0.00204425	0.00203805	0.00202716	0.00204519	0.00184823
0.00033436	0.00035935	0.00036538	0.00039033	0.00047343	0.00059489	0.00060768	0.00061295
0.00060462	0.00069488	0.00064337	0.0007395	0.00089683	0.00092318	0.0011526	0.00114116
0.00372091	0.00422666	0.00440481	0.00448322	0.0044483	0.00389971	0.00325617	0.00309388
0.00182512	0.00174862	0.00165037	0.00185359	0.00180749	0.00191033	0.00187395	0.0020185
0.0001722	0.00017304	0.00015817	0.00019387	0.00025572	0.00023003	0.00036484	0.00080221
0.00067642	0.00072548	0.0007146	0.0008051	0.0008161	0.00041309	0.00044255	0.00047975
0.000446	0.00044782	0.00045872	0.00049825	0.00049834	0.00041238	0.00040791	0.00043038
0.00301369	0.00375357	0.00410419	0.00513827	0.00489853	0.00651698	0.00721691	0.0068689
0.00043913	0.00047137	0.00051568	0.00057037	0.00065666	0.00075256	0.00075323	0.0007342
0.03480009	0.04084217	0.04115606	0.0483765	0.05224738	0.05807885	0.06050698	0.0655274
1.8564E-05	2.149E-05	2.0156E-05	1.9008E-05	2.938E-05	1.3344E-06	1.7791E-06	
0.00028409	0.000294	0.00030969	0.00034651	0.00035493	0.00040335	0.00044214	0.00052667
8.3076E-05	7.9744E-05	8.8684E-05	8.9074E-05	8.0049E-05	0.00010922	8.5019E-05	9.1017E-05
0.00580588	0.00610597	0.00738145	0.00738139	0.00791039	0.00841776	0.00825036	0.00965246
0.00345408	0.00421651	0.00633848	0.00610851	0.00336189	0.00501606	0.00350319	0.00457112
0.05482903	0.06812908	0.07587534	0.0812061	0.08396373	0.08712476	0.09118275	0.09726772
0.00548915	0.00562549	0.00528386	0.0056237	0.00590596	0.00564207	0.00679553	0.00653576
3.3551E-05	3.3551E-05	9.3198E-05	0.00010065	5.5919E-05	2.2368E-05	1.4912E-05	3.7279E-06
0.02040671	0.02062988	0.02233788	0.02186657	0.02404993	0.02497919	0.0243199	0.02124834
0.00933555	0.00932443	0.00969902	0.01077787	0.01202595	0.0127831	0.01403232	0.01516328
0.02041957	0.0187891	0.01997574	0.01931368	0.02342092	0.02615278	0.02734845	0.02758234
0.00120632	0.00098231	0.00136156	0.00206988	0.00130892	0.00147509	0.00349084	0.00224651
0.00436668	0.00474459	0.00532612	0.00493616	0.0049108	0.00467614	0.00441008	0.00501077
0.01382978	0.01406567	0.01622482	0.01552803	0.0119219	0.01035492	0.01166386	0.01388322
0.00068947	0.00068965	0.00081334	0.00084606	0.00083239	0.00084153	0.00107098	0.00071529
0.00111434	0.00117632	0.00120227	0.0013105	0.00121602	0.00139278	0.00186982	0.00201517
0.0451035	0.04721749	0.04673724	0.04386395	0.04324427	0.04345413	0.04541191	0.04573763
0.01755097	0.01790981	0.01874306	0.01854751	0.02065363	0.02009329	0.01931855	0.01462818
0.00237415	0.00245587	0.00238921	0.00190874	0.00228418	0.00260311	0.00275435	0.00264206
0.0110663	0.00933712	0.01059295	0.01270266	0.01998466	0.02241637	0.02253607	0.0255245
0.00061331	0.0017946	0.00154855	0.00154855	0.00155016			
0.00023444	0.0002249	0.00024721	0.00028411	0.00028153	0.0002773	0.00034567	0.00038753
0.01326481	0.01361484	0.01373805	0.01390504	0.01418548	0.01413317	0.01560384	0.01716422
0.00035782	0.00038079	0.00037153	0.00053831	0.00052989	0.00056891	0.00059702	0.00062924
0.02743071	0.02694715	0.02039187	0.01760274	0.01530853	0.01623985	0.01634602	0.01761343
0.49103747	0.45725207	0.44051852	0.437338	0.46645568	0.47001923	0.48159144	0.48625079
					0.00019585	0.00019585	0.0002353
0.10316844	0.10494527	0.11248007	0.12063668	0.12360496	0.13160439	0.13324914	0.13233567
0.01063861	0.01039557	0.01128263	0.01113454	0.00831262	0.01044611	0.01074379	0.01132697
0.00055483	0.0006347	0.00073693	0.00064769	0.00078794	0.00095837	0.0010854	0.00146484
0.00308265	0.00319007	0.00339279	0.00351816	0.00370207	0.00397443	0.00407353	0.00399918
0.01482789	0.0149105	0.01460506	0.01491619	0.01509319	0.01593814	0.02484252	0.02896427
1.4429E-06	9.8466E-07	1.019E-06	1.0477E-06	1.0829E-06	1.5241E-06	1.7945E-06	1.808E-06
6.6921E-05	6.5666E-05	6.9195E-05	7.7992E-05	7.5578E-05	0.0001024	0.00011772	0.00012943
0.00040122	0.0004162	0.00044606	0.00048175	0.00057751	0.00052503	0.00055357	0.00054774
0.00144316	0.00093507	0.00145981	0.00151409	0.0011272	0.00120084	0.00159716	0.00166249
0.0004973	0.00053636	0.00056653	0.00061121	0.00078284	0.00086405	0.00089395	0.00091997
1.9585E-05	1.9715E-05	1.2625E-05	1.8466E-05	1.8451E-05	1.577E-05	1.5626E-05	1.6981E-05
1.9337E-05	2.0502E-05	2.0346E-05	2.2544E-05	2.3954E-05	2.3773E-05	2.4383E-05	2.6813E-05

0.00043544	0.00044192	0.00046238	0.00062393	0.00062528	0.00026973	0.00030835	0.00028833
0.00775126	0.00669177	0.00978026	0.01015621	0.01153615	0.01045289	0.00944932	0.00873029
0.00174203	0.00165027	0.00179641	0.00191601	0.00186959	0.00240279	0.00293927	0.00326198
0.07872419	0.09174789	0.08787305	0.0885848	0.09869171	0.10630517	0.1164386	0.11764092
0.00014304	0.00014874	0.00017312	0.00019496	0.0001899	0.00021541	0.00025036	0.00026605
9.3151E-05	9.9142E-05	0.00010259	0.00011611	0.000114	0.00022715	0.00025726	0.00023135
0.00831468	0.00926796	0.01002094	0.01073009	0.01163574	0.0119548	0.01267492	0.01434166
5.0433E-06	5.3611E-06	5.4375E-06	8.4947E-06	8.7084E-06	1.6395E-05	1.7112E-05	2.1566E-05
0.00031871	0.00033785	0.00035306	0.0003752	0.00048301	0.0005191	0.00052006	0.00051806
6.4961E-05	5.7743E-05	6.1352E-05	0.00015519	9.9916E-05	0.00011353	0.00021303	8.2225E-05
0.04287409	0.06692613	0.05843436	0.05719129	0.07585809	0.07237983	0.07924673	0.08840221
0.00028176	0.00029179	0.00034763	0.00034763	0.00034857	0.00028542	0.00027566	0.00023217
0.00484276	0.00391574	0.00399327	0.00427948	0.0052366	0.00532887	0.00574308	0.00581809
1.5386E-05	1.4589E-05	1.3251E-05	1.2895E-05	1.0308E-05	1.5014E-05	1.4348E-05	1.3709E-05
3.844E-05	4.2392E-05	4.7769E-05	5.5788E-05	5.5211E-05	3.9184E-05	3.9622E-05	4.634E-05
0.00494297	0.00509203	0.00550959	0.0059301	0.00622544	0.00535703	0.00555494	0.00701765
0.00689828	0.0074725	0.00809888	0.0089644	0.00964608	0.00996202	0.01116662	0.01120974
0.03446345	0.03562363	0.03864352	0.03848944	0.04734201	0.05248605	0.05524593	0.05607369
0.032926	0.03431322	0.03934628	0.04453016	0.05289615	0.06066077	0.06677408	0.06782009
0.00054509	0.00037576	0.0004523	3.6065E-05	0.00010615	0.00076679	0.00061045	0.00062958
0.00023884	0.00030016	0.00033124	0.00032116	0.00029428	0.00030604	0.00031612	0.0003766
0.0667144	0.05838817	0.05425223	0.05121999	0.05132636	0.04975092	0.04852649	0.05382351
0.00056028	0.00074203	0.00053513	0.00047546	0.00130521	0.00058218	0.00026983	0.00028354
2.13578706	2.23310002	2.41689313	2.43359497	1.702721	1.68370968	1.7273038	1.79796192
0.01510549	0.01479382	0.01502628	0.01636578	0.01568326	0.01749088	0.01742518	0.01740326
6.364E-05	6.2895E-05	7.0332E-05	0.00010531	0.00010424	9.7837E-05	0.00010097	0.00010469
0.01326333	0.01404064	0.01482923	0.01653193	0.01527298	0.01523844	0.02060616	0.02277247
1.4265E-05	1.7722E-05	1.8302E-05	2.2211E-05	2.2377E-05	2.5591E-05	2.6068E-05	2.8115E-05
0.00225361	0.00303109	0.00443482	0.00651769	0.00696951	0.00859741	0.00927664	0.0139271
1.8361E-05	1.8004E-05	1.9123E-05	2.1712E-05	2.502E-05	4.0315E-05	4.8128E-05	4.9816E-05
4.9052E-05	4.8117E-05	5.1029E-05	5.7871E-05	5.6483E-05	7.8562E-05	8.9497E-05	9.7424E-05
0.00114268	0.00118797	0.00137357	0.0014956	0.00142814	0.00164742	0.00186486	0.00199756
0.03501925	0.03713251	0.04006397	0.04270288	0.04018853	0.04306109	0.04029406	0.0406019
4.6682E-05	3.1129E-05	5.1041E-05	5.0556E-05	3.6704E-05	4.0297E-05	4.0781E-05	4.0781E-05
0.00164693	0.00147424	0.00132182	0.00137299	0.00136305	0.00123176	0.00153942	0.00139995
0.00132397	0.00096062	0.00094621	0.00093176	0.0008661	0.000385	0.00036652	0.00068068
0.000924	0.001925	0.002926	0.003927	0.004928	0.005929	0.00693	0.007931
0.01382586	0.01191779	0.01263436	0.01208734	0.01193879	0.01271974	0.0138718	0.02268676
0.02825715	0.02817291	0.02921905	0.02949296	0.02830552	0.02766628	0.02726298	0.02919937
0.01259562	0.01158963	0.01291321	0.01303542	0.01290574	0.01378743	0.01407708	0.01447594
0.00032564	0.00039421	0.00021372	0.00024391	0.00029288	0.0003862	0.00031044	0.00052282
0.05753843	0.056931	0.06011803	0.06050762	0.05855514	0.06148971	0.06624327	0.07618748
6.8602E-05	7.2517E-05	0.0000784	0.0000784	0.0000784	0.0000784	0.0000784	0.0000784
0.00736632	0.00760067	0.00787921	0.00897307	0.01086832	0.00932092	0.00752102	0.00845939
0.0232645	0.02476554	0.0288492	0.02473675	0.02717332	0.023828	0.02654066	0.02576
6.2872E-05	7.424E-05	7.9336E-05	8.6333E-05	8.8352E-05	9.525E-05	0.00010555	9.3255E-05
0.00134524	0.00097157	0.00124799	0.001321	0.0021944	0.00253091	0.00486889	0.00390609
0.11442411	0.12470093	0.13487459	0.12953019	0.12505487	0.13913337	0.13253222	0.13846732
0.0003696	0.0003696	0.000462	0.0005544	0.0005544	0.000462	0.0004928	0.0006468
0.20465814	0.20836555	0.20455062	0.17692882	0.19006843	0.19050771	0.16011202	0.17652942

0.00207908	0.00207908	0.00240388	0.00202244	0.00177184	0.00206416	0.0022358	0.00221256
0.05172374	0.04854116	0.05872896	0.04884238	0.05722986	0.10204917	0.104564	0.14366881
0.53523567	0.63772871	0.660685	0.61366189	0.619025	0.71425724	0.76916184	0.85364701
0.00683581	0.0069466	0.00743659	0.00513603	0.00635461	0.00414229	0.00508992	0.00540921
0.01784221	0.01691501	0.01704296	0.01697908	0.01600743	0.01625645	0.01660083	0.01677364
0.13820706	0.15442774	0.16782968	0.32444856	0.28922158	0.29694005	0.29217155	0.27711475
8.9359E-07	1.5705E-06	2.335E-06	1.8084E-06	2.2015E-06	2.6425E-06	2.2327E-06	3.2759E-06
0.00880659	0.00654341	0.00644981	0.00609416	0.00820218	0.00807183	0.008347	0.00837204
0.00462263	0.00499238	0.00515096	0.00723769	0.00688942	0.00739737	0.00716927	0.0073327
0.038157	0.03258709	0.0351424	0.03787596	0.03579371	0.03609774	0.03653192	0.03523832
0.01444302	0.01440538	0.01455276	0.01544915	0.0163149	0.01652826	0.01573487	0.01581532
0.08956079	0.08911383	0.09078603	0.08476385	0.08570387	0.08652259	0.08209646	0.08479371
0.08827354	0.08899616	0.08961548	0.07989296	0.07843714	0.07636206	0.07964207	0.07685447
0.00108864	0.00077673	0.00120288	0.00149576	0.00098392	0.0008022	0.0007868	0.00078372
						0.03864	0.04025
9.6351E-05	9.7081E-05	0.00010164	0.00011088	0.00011088	0.00263531	0.00286301	0.00314964
0.00371587	0.00323716	0.00265119	0.00205045	0.00167685	0.00196928	0.00151775	0.00146538
0.00296233	0.00301754	0.00319804	0.00336057	0.00322558	0.0038254	0.00376318	0.00382177
0.2009127	0.07268561	0.03092261	0.03470721	0.04851393	0.04788939	0.06164944	0.05364194
0.10541282	0.09046603	0.09557431	0.11933856	0.09928942	0.10508854	0.09901688	0.10716858
				3.5784E-08	4.8384E-08	4.4856E-08	4.9392E-08
0.02265636	0.02456324	0.02364009	0.04786304	0.0518767	0.04954542	0.06378359	0.07052727
0.00024024	0.00024024	0.00024024	0.00024024	0.00024024	0.00024024	0.00024024	0.00024024
0.00219943	0.0022176	0.002156	0.0020944	0.00218372	0.002156	0.00344806	0.0037151
0.0041195	0.0042119	0.0012936	0.001386	0.00149226	0.0015708	0.0015708	0.0015708
0.05407223	0.0487879	0.05083411	0.03750291	0.03492592	0.03385458	0.03603207	0.03448977
0.30923795	0.2996186	0.29998616	0.2829272	0.28646039	0.31983455	0.31040874	0.31494098
0.03251385	0.02430319	0.02893425	0.03198871	0.04235277	0.04613333	0.04777525	0.05072561
0.11728306	0.12518536	0.1369401	0.14108269	0.13341106	0.14419315	0.14289531	0.14620827
0.0040656	0.0044352	0.0047124	0.0048972	0.00517902	0.0054516	0.006006	0.0066528
0.0384384	0.0386232	0.0387156	0.038808	0.03893736	0.0390852	0.0390852	0.0390852
0.00250973	0.00117131	0.00151327	0.00069958		0.00051887	0.00208617	0.00190083
0.00387629	0.0035495	0.00196552					
0.00054095	0.00056842	0.00090356	0.0009192	0.00094085	0.00097218	0.00100548	0.00101533
0.0000098	0.0000098	0.0000098	0.0000098	0.0000098	0.0000098	0.0000098	0.0000098
0.04922027	0.05661479	0.06143193	0.0743143	0.07493478	0.0653143	0.06102375	0.06189081
0.00091115	0.00072665	0.00128518	0.0018352	0.00165086	0.00159722	0.0019037	0.00211006
0.008211	0.008211	0.008211	0.008211	0.008211	0.008211	0.005474	0.002737
0.03634717	0.03634327	0.03651127	0.03874987	0.03874987	0.03877171	0.04202131	0.07329803
0.00002016	0.00002016	0.00002016	0.00140616	0.00148042	0.001575	0.00166572	0.00177576
0.11216135	0.1123086	0.12217516	0.12858271	0.12864624	0.12783459	0.12698278	0.12609726
0.06476008	0.06294904	0.08871722	0.11058337	0.1150098	0.11274094	0.11979895	0.11404378
0.16841829	0.16568265	0.12011882	0.14718457	0.15632122	0.15628788	0.13855303	0.147994
0.00196002	0.00166592	0.00166592	0.00166592	0.00166592	0.00166668	0.00169716	0.0017052

0.00047909	0.00054198	0.0005149	0.00052863	0.00035415	0.00058814	0.00056196	0.00044632
0.00258443	0.00066296	0.00042784	0.00023174	9.4602E-05	9.0746E-05	0.00010029	0.00019849
0.03081456	0.03002611	0.03241737	0.0272751	0.02279178	0.02606862	0.02301728	0.02469791
0.00896	0.00896	0.0075586	0.0061572	0.0061572	0.00665	0.00665	0.00665
0.00258168	0.00352739	0.00512439	0.00376836	0.00389883	0.00387642	0.0024144	0.00249242
0.000186	0.00018816	0.00012936	0.00010976	0.00010976	0.00015092	0.00013916	0.0001568
0.00271286	0.00290968	0.00449249	0.05353869	0.05343243	0.05275883	0.06365718	0.05470095
0.03416412	0.02980847	0.03970537	0.02704704	0.01767648	0.03170679	0.03118522	0.0391222
0.19808943	0.19773611	0.24765429	0.24783086	0.29995005	0.31096659	0.33165844	0.34547937
0.18222953	0.19551507	0.24491969	0.34795492	0.29068784	0.29435708	0.39547033	0.41218182
0.001319	0.00416247	0.01062815	0.01277908	0.00343358	0.00295524	0.00489172	0.00262887
0.01033145	0.01091288	0.01139958	0.01322174	0.01286102	0.01443726	0.01751293	0.01855906
0.01372878	0.01293162	0.0130023	0.01216191	0.01240802	0.01392231	0.01373545	0.01419591
0.00748228	0.00615513	0.00882015	0.00879077	0.00903222	0.00860769	0.00919572	0.00808399
0.01227244	0.01120249	0.01180999	0.01142962	0.00968257	0.01193532	0.01277647	0.01350001
0.0101102	0.01104411	0.01148341	0.01762836	0.01702092	0.01696212	0.01717464	0.01805328
1.0517E-05	7.8422E-06	7.9565E-06	5.4617E-06	2.5234E-06	2.5889E-06	1.759E-06	2.2848E-06
0.09802917	0.11558604	0.07641879	0.21116932	0.159712	0.159712	0.1796116	0.1821876
0.00028066	0.00024871	0.00026655	0.00022541	0.00032535	0.00033403	0.00034496	0.0002646
0.01740802	0.01670747	0.01704701	0.01487681	0.01550707	0.01543005	0.01297316	0.01171562
0.04134041	0.0429376	0.04694493	0.05136204	0.04944588	0.06050756	0.08627209	0.08182664
0.1077692	0.10037766	0.10403323	0.10472811	0.11524373	0.13463916	0.13940572	0.14662693
0.00000616	0.0000077	0.00000693	0.00000616	0.00000616	0.00000616	0.00000616	0.00000616
0.89837954	0.89683357	0.9270225	0.71554209	0.71760627	0.71203208	0.58833926	0.63424547
0.00028839	0.0004139	0.00045124	0.0004984	0.00055536	0.00064951	0.00068876	0.00082413
0.0944636	0.0947408	0.10012726	0.10390792	0.10426714	0.10590986	0.10444221	0.1020033
0.08353073	0.08222103	0.09390329	0.10804279	0.11397173	0.13149514	0.11481978	0.12647904
0.00969536	0.00950429	0.00908779	0.00866314	0.00852782	0.00869694	0.00831328	0.00815713
0.00069282	0.00044657	0.0007463	0.00076329	0.00075893	0.00056398	0.00055385	0.00056224
0.0061131	0.00588853	0.0057366	0.00570856	0.00520638	0.00278883	0.0025208	0.00235877
0.00663735	0.00611697	0.0061485	0.00465645	0.00674069	0.00620616	0.00696131	0.00836616
0.00012428	0.00011497	9.3356E-05	7.5797E-05	6.7421E-05	7.8819E-05	8.3269E-05	5.1829E-05
0.05713482	0.05946926	0.06233568	0.06441982	0.06715807	0.06957863	0.06837703	0.07235478
0.00600019	0.00605013	0.00519837	0.00580532	0.00597458	0.00573345	0.0057552	0.00697311
0.00532128	0.00546103	0.00562751	0.00576363	0.00591236	0.00602354	0.00589824	0.00580742
0.07239196	0.07206355	0.06977882	0.06976639	0.06861687	0.07469534	0.08380701	0.09349454
0.23522533	0.27652776	0.26646897	0.27810941	0.25488795	0.24190831	0.23218838	0.20279723
0.00120412	0.00064849	0.0006916	0.00072593	0.00074533	0.00588219	0.00571005	0.00561591
0.00040499	0.00039438	0.00041966	0.00042922	0.00042677	0.00028373	0.00026942	0.00028335
0.59190187	0.57213157	0.549746	0.52420512	0.50783519	0.49897107	0.4542103	0.45239379
0.0721821	0.07000325	0.06340241	0.06548492	0.05881973	0.05508756	0.05331573	0.05444692
0.02770627	0.02125139	0.02319768	0.02120266	0.01091166	0.01519564	0.01725327	0.01866042
0.00080329	0.00083008	0.00080244	0.00082359	0.0008532	0.00081929	0.00062661	0.00058598
0.12880048	0.11880256	0.10911137	0.10532059	0.0963773	0.08583198	0.08294888	0.07639919
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0.00147769	0.00153225	0.00242022	0.00220523	0.0022845	0.00243671	0.00276223	0.00295031
0.02676554	0.03121657	0.04148782	0.04249048	0.03447547	0.04426523	0.03761964	0.04148399
0.0420997	0.03708408	0.028989	0.03228489	0.03075821	0.03365536	0.03602027	0.03890772
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0.00245358	0.00268963	0.00272771	0.00313221	0.00276128	0.0020888	0.00201967	0.00205567



0.00609829	0.00626647	0.00643244	0.00982963	0.00878489	0.01503656	0.01474669	0.01306513
0.04641527	0.04984336	0.05325465	0.05520547	0.047661	0.04053447	0.03702935	0.04084367
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0.00044067	0.00044114	0.00045554	0.00046592	0.00046326	0.00031495	0.00030241	0.00031309
0.01819896	0.02016941	0.01964345	0.01903894	0.01863543	0.01613686	0.01614439	0.0159245
0.94239544	1.02921239	1.09275838	1.09076485	1.04645891	0.98311178	0.97896273	0.98302017
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0.0113034	0.01142162	0.01114261	0.01023456	0.01009826	0.00985167	0.00950893	0.00963359
0.00079379	0.00083112	0.00087364	0.00098972	0.00090267	0.00077675	0.00076534	0.00087839
0.00753708	0.00752211	0.00792544	0.00849828	0.00911109	0.00976279	0.01092011	0.01119109
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1.11099126	1.10050235	1.10627147	1.10016786	1.10777649	1.08338876	1.07062881	1.09048898
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0.08099756	0.08445568	0.08473239	0.0851311	0.08405045	0.08715723	0.07801382	0.07675499
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0.01115934	0.01115656	0.01158661	0.01250766	0.0105575	0.01173819	0.0119277	0.01234075
0.00483735	0.00478498	0.00475362	0.00474181	0.00456805	0.00510649	0.00426184	0.00438961
0.00257719	0.00184765	0.00131881	0.00159215	0.00172849	0.00208675	0.00238739	0.00207853
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0.00013243	0.00013152	0.00012722	0.00015659	0.00016223	0.00026291	0.00027273	0.00028104
0.00025515	0.00029261	0.00028293	0.00027949	0.00028954	0.00082613	0.00092223	0.00102238
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0.00029337	0.0002857	0.00029507	0.00030179	0.00030007	0.00027626	0.00026578	0.0002705
0.0067525	0.00671691	0.00671191	0.00667038	0.00662663	0.00643902	0.00627107	0.00595561
0.0637351	0.07232144	0.07491482	0.06998723	0.07228626	0.06775475	0.06719964	0.06602441
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0.00361942	0.00359448	0.00350585	0.00346317	0.00358766	0.00216638	0.00214588	0.00221756
7.561E-05	7.3633E-05	7.6072E-05	7.7804E-05	7.7362E-05	6.068E-05	6.414E-05	5.6908E-05
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0.02461053	0.02563878	0.02834543	0.03237811	0.03386304	0.03125497	0.03130414	0.03259244
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0.28708918	0.31858347	0.3156331	0.37835369	0.43274083	0.46425202	0.49900251	0.51238249
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0.00288347	0.00283424	0.00270005	0.00245536	0.00237531	0.00232981	0.00246819	0.00190974
2.4659E-05	1.4543E-05	2.7422E-05	1.5366E-05	1.5279E-05	1.5079E-05	1.5879E-05	1.7172E-05
0.81004469	0.74715873	0.70450896	0.67333484	0.62998201	0.56360339	0.52919378	0.48752195
0.00189425	0.00190898	0.00210438	0.00225947	0.00225837	0.00177514	0.00220328	0.00224055
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0.0058557	0.02361241	0.01826849	0.01109767	0.00992831	0.00746767	0.0104631	0.01117601
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0.02014871	0.02022865	0.02077662	0.02402565	0.02441472	0.02528771	0.02696633	0.02823937
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0.00288752	0.00315838	0.00328014	0.00322814	0.00348801	0.00320583	0.00325348	0.00307262
0.03685796	0.03602473	0.03737858	0.05542168	0.07127029	0.05986259	0.05670868	0.046789
0.01042621	0.00952781	0.01060473	0.01156208	0.01264307	0.01221352	0.01267231	0.01239168
0.02524516	0.0276721	0.02628511	0.02462857	0.02228374	0.01905924	0.01821972	0.01821828
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0.05692914	0.05166506	0.04993608	0.04923262	0.04765757	0.04298361	0.04232151	0.04122454
0.47431231	0.50323218	0.53681104	0.52368135	0.51536913	0.5345393	0.53630392	0.54579609
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0.04544707	0.04679081	0.04683639	0.04902808	0.04846703	0.04577972	0.04406754	0.04157626
0.36631522	0.37395581	0.37111247	0.3972419	0.40582948	0.41397308	0.42694081	0.44538371
0.15836979	0.14614153	0.14122717	0.14323488	0.13637621	0.14184412	0.14761275	0.14078786
0.00656189	0.00748563	0.00572115	0.00522141	0.0045458	0.00372578	0.00348775	0.0032284
0.08182076	0.08226641	0.08002267	0.07685177	0.08056808	0.07436476	0.06869354	0.0674773
1.00320499	0.9945133	0.97179484	0.95974614	0.90710474	0.8504272	0.80930878	0.75675597
0.01248974	0.01400505	0.01443499	0.01498746	0.01501084	0.01456052	0.01362573	0.0146795
0.02035453	0.02057212	0.02046416	0.02024626	0.02014665	0.02053488	0.02070307	0.02012562
1.58959038	1.53939144	1.51171065	1.4445942	1.38772496	1.31343987	1.2454811	1.15792718
0.07641137	0.07500148	0.06541976	0.06800202	0.04727747	0.07853168	0.06925118	0.07892207
0.01687705	0.01729329	0.01676408	0.01685351	0.01653093	0.01614891	0.01632269	0.01648835
0.00849417	0.00934089	0.0107573	0.01064089	0.00910693	0.00640773	0.00627475	0.0063084
0.00978007	0.00972456	0.00964059	0.00930113	0.00967871	0.00797711	0.00794984	0.0075182
5.0139E-05	4.7891E-05	4.5646E-05	4.2695E-05	3.8044E-05	5.5449E-05	4.8305E-05	6.7942E-05
7.3977E-05	8.4051E-05	8.6791E-05	8.8767E-05	8.826E-05	0.00010401	0.00010298	0.00010912
0.37133963	0.38935802	0.39374795	0.31966117	0.33424839	0.34086554	0.33753136	0.34530085
0.05359178	0.05410873	0.05342799	0.05404264	0.05341343	0.05014601	0.04874904	0.04884367
0.00120906	0.00127074	0.00135127	0.00128334	0.00114182	0.00517097	0.00521812	0.00539209
0.04684981	0.04674088	0.04270599	0.04512526	0.04131726	0.03622384	0.03235861	0.03080768
0.00082555	0.00085221	0.00082381	0.0008447	0.00087506	0.00114178	0.00121529	0.00123654
0.2140754	0.23126667	0.21212171	0.2513588	0.29179947	0.32519461	0.34214872	0.3514023
0.00018166	0.00017686	0.00018268	0.00018684	0.00018577	0.00020193	0.00021026	0.00018369
0.02986929	0.03673993	0.0360521	0.03909975	0.04268173	0.04614021	0.04189669	0.05021803
0.00040759	0.00040478	0.00039128	0.00037105	0.00038439	0.00102542	0.00102757	0.0010815
0.02836805	0.03030183	0.03012405	0.02918915	0.02537786	0.02331636	0.02410591	0.0257698
0.02532536	0.02474378	0.02463413	0.02318194	0.02119785	0.01488784	0.01443366	0.01384211
0.01929706	0.01810712	0.0157103	0.01387708	0.01263971	0.01290651	0.01380785	0.0134984
0.0032945	0.00389183	0.00412792	0.00446693	0.00475745	0.0035628	0.00416455	0.0044554
0.05939592	0.06300914	0.06440774	0.07418924	0.08546187	0.08976147	0.09052401	0.08968798
0.00935846	0.00884086	0.00979382	0.00830915	0.0051468	0.00497742	0.00523609	0.00688157
0.00372667	0.00385369	0.0040377	0.00454702	0.0050254	0.00482744	0.0047323	0.00311212
0.00216992	0.00228744	0.00203536	0.00231185	0.00210848	0.00333656	0.00255483	0.00337064
0.7865285	0.77584552	0.78614794	0.79100904	0.79176547	0.79372204	0.81562629	0.8297989
0.00846627	0.00992551	0.00900954	0.0065126	0.00653209	0.00519972	0.0046847	0.00527864

0.0011166	0.00117365	0.00113451	0.00115162	0.00119302	0.00226729	0.00228262	0.00238604
0.00490657	0.00311308	0.00351595	0.00321424	0.00283908	0.00232179	0.0021022	0.00199066
0.01840479	0.01853177	0.01819731	0.0212955	0.02145198	0.02403743	0.01987571	0.02221304
0.00724062	0.00767963	0.00751366	0.00917837	0.00963609	0.01198371	0.01202427	0.013192
0.0031971	0.00337767	0.00338239	0.0035251	0.0035565	0.00365348	0.00382531	0.00412416
0.00743448	0.00744802	0.00723082	0.00717371	0.00743158	0.00297681	0.00307739	0.00343267
0.00160284	0.00156095	0.00163663	0.00166121	0.00165173	0.00122502	0.00116474	0.00118484
0.00255898	0.00256916	0.00253356	0.00252833	0.00309692	0.00431458	0.00421878	0.00429461
0.00159776	0.00158675	0.00153381	0.00151514	0.0015696	0.00194862	0.00177745	0.00172918
0.26536981	0.29362378	0.30668632	0.29900598	0.34459892	0.33023146	0.33695017	0.33754297
0.00676687	0.0080118	0.00822384	0.00851997	0.00888396	0.0088172	0.01024411	0.00916554
0.00341703	0.00342276	0.0032608	0.00305001	0.00271764	0.00246477	0.00242007	0.00259755
0.00133131	0.00150859	0.00164522	0.00204753	0.00199516	0.00268596	0.00283848	0.00281839
0.12227472	0.13246448	0.17346732	0.11379881	0.16660245	0.17814781	0.20446095	0.2419022
0.00620661	0.00627161	0.00647025	0.00702233	0.00728444	0.00734067	0.00737247	0.00759927
0.19623225	0.19991429	0.19388533	0.19070628	0.18239029	0.16929181	0.16159729	0.15508512
0.07031868	0.06822439	0.06392525	0.0611022	0.05560797	0.04792699	0.04699825	0.04444685
0.00533919	0.00596192	0.00661731	0.00730921	0.00778383	0.00880425	0.0072948	0.00870496
0.09118792	0.09175562	0.09405601	0.09509182	0.09666367	0.0967698	0.09803602	0.1020072
0.02238431	0.02233424	0.02264341	0.02304003	0.02267943	0.02177328	0.02275318	0.02116006
0.16695039	0.21395203	0.22700411	0.24231702	0.25612917	0.25757949	0.24029564	0.28805695
0.01256101	0.01283239	0.01341993	0.01453822	0.01497043	0.01430785	0.01324319	0.01373936
0.05457998	0.05609145	0.05576843	0.05372965	0.05464523	0.05079699	0.04612821	0.04469377
0.15907449	0.17401694	0.17659358	0.17767221	0.17756183	0.17156064	0.16585304	0.17051842
0.00596085	0.00493471	0.00487649	0.00376958	0.00362705	0.00344501	0.00345202	0.00196136
0.00829676	0.00799327	0.00775569	0.0070806	0.00629976	0.00549946	0.00692476	0.00710918
0.18469555	0.19439227	0.20401016	0.19874319	0.21102621	0.17320304	0.17452214	0.18065019
0.01306935	0.01272773	0.01314261	0.01344188	0.01336512	0.01622771	0.01632222	0.01585819
0.02608513	0.02059142	0.01073561	0.01649013	0.00749793	0.01278393	0.01252296	0.01235489
0.08635795	0.08577938	0.08182749	0.08124656	0.07894395	0.07639888	0.07039205	0.06936865
0.01534721	0.0152106	0.01658681	0.01698575	0.01610291	0.0124617	0.01293969	0.01300951
0.00198596	0.00185844	0.00180797	0.0016911	0.00150682	0.00121566	0.00138004	0.00138397
0.01503341	0.01532485	0.01588543	0.01657353	0.0159904	0.01563087	0.01587837	0.01551053
0.00433678	0.0043069	0.0041632	0.00528752	0.00547759	0.00552087	0.00547405	0.00579041
0.0464138	0.06225778	0.05827	0.05073847	0.03938954	0.03684541	0.05073255	0.04375409
0.9578978	0.89801722	0.8976482	0.97598326	0.96363638	0.90658895	0.94463419	0.97714822
0.00186611	0.00181094	0.00181619	0.00180804	0.00187337	0.0021551	0.00219261	0.00264461
0.37321919	0.37704669	0.36952556	0.37292934	0.3618088	0.34994006	0.34780927	0.34688508
0.01938425	0.03073826	0.05060302	0.03689673	0.01748198	0.01932367	0.02321366	0.02745226
0.01351554	0.01307557	0.01465357	0.01363184	0.01278034	0.01331895	0.01713407	0.02141853
1.09741297	1.1194863	1.14732682	1.18250852	1.25252569	1.28438078	1.21806094	1.2642522
0.00363343	0.00375789	0.00381412	0.00403939	0.00431823	0.00464782	0.00472539	0.00515458
0.04959931	0.04688208	0.04309101	0.04189655	0.04171907	0.04207598	0.04071227	0.03971268
1.752E-05	1.7199E-05	1.8235E-05	1.7844E-05	1.9136E-05	6.3299E-05	3.4334E-05	3.3704E-05
0.0004783	0.0004569	0.00043544	0.00040729	0.00036291	0.00039863	0.00042454	0.00042188
0.00186056	0.00181535	0.00184873	0.00182624	0.00189189	0.00112388	0.00140069	0.00144414
0.01350158	0.01336422	0.01345338	0.01426076	0.01531478	0.01418182	0.01399554	0.01310707
0.00127273	0.00126396	0.00122179	0.00120691	0.0012503	0.00178808	0.0018251	0.00203208
7.3103E-05	7.1208E-05	4.2204E-05	5.681E-05	5.5471E-05	3.9938E-05	3.6889E-05	3.8635E-05
0.00017789	0.00017662	0.00017077	0.00016869	0.00017476	0.00016085	0.00015793	0.00018188
0.00120119	0.00114069	0.00122866	0.00125351	0.00124635	0.00172066	0.00167775	0.00209348

0.01853646	0.01631839	0.02029481	0.01911024	0.01871132	0.01667518	0.01668195	0.01845877
0.03233929	0.03412126	0.03186372	0.02550467	0.02262141	0.02111395	0.02016556	0.01862661
0.18609425	0.17451023	0.16149739	0.14496113	0.12928898	0.10786223	0.10037523	0.09592571
0.00318095	0.00175217	0.00281433	0.00286264	0.00329061	0.00327775	0.0028351	0.0034156
0.00114252	0.00113456	0.00116418	0.00115001	0.00119135	0.00223162	0.00238639	0.00215177
0.04761171	0.04936762	0.04885932	0.04967132	0.03631346	0.03520585	0.03518629	0.03576565
1.0966E-05	1.0679E-05	1.1027E-05	1.2406E-05	1.2336E-05	3.7289E-05	3.7593E-05	4.9136E-05
0.00039129	0.00038859	0.00040693	0.00040197	0.00041642	0.0006269	0.00059852	0.00060901
0.00308265	0.00460894	0.00308274	0.00374959	0.00448709	0.00252568	0.00220624	0.00344896
0.36107672	0.38389134	0.38453309	0.34326208	0.33885626	0.32416668	0.31728746	0.33168221
0.00192009	0.00145911	0.00148199	0.00125388	0.00064811	0.00044038	0.00092098	0.001262
0.01868156	0.02067762	0.01804897	0.02401376	0.02673047	0.02934681	0.02929801	0.03426711

0.00032462	0.00034938	0.00034891	0.00033172	0.00029558	0.00017118	0.00015761	0.00016499
0.01070662	0.01067949	0.01125658	0.01125838	0.01105441	0.01096867	0.01057472	0.01040923
0.04317417	0.04721046	0.04979583	0.05810685	0.0675204	0.07488333	0.0785881	0.07910926
0.1734142	0.18900945	0.1709958	0.163067	0.16171154	0.18898074	0.17386743	0.15778218
0.27864819	0.30015571	0.32122159	0.3484205	0.40729805	0.4256888	0.44647688	0.46197206
0.00541194	0.00625664	0.00603617	0.00651613	0.00528334	0.00707623	0.008443	0.01020606
0.00535743	0.00543044	0.00552551	0.00607112	0.00616252	0.00628402	0.00643601	0.00650838
0.18965077	0.17436178	0.22635822	0.20763191	0.16515471	0.15434794	0.168294	0.18079724
0.01387135	0.01433439	0.01492304	0.01543734	0.01535737	0.01322896	0.0120222	0.01039048
13.4920552	13.3004807	12.9817537	12.7908664	12.4577623	11.8799437	11.3076476	10.9834655
0.04014929	0.04592321	0.05296224	0.0637257	0.06796268	0.0670084	0.06843117	0.06494889
0.00012106	0.00010583	0.00012867	0.00014376	0.00014294	8.6805E-05	9.7984E-05	0.00010462
0.30808237	0.30894548	0.27827237	0.27370699	0.26770774	0.26517551	0.27526047	0.28467033
3.9599E-05	5.0565E-05	5.222E-05	5.3409E-05	5.3105E-05	5.7954E-05	5.6286E-05	5.8529E-05
0.06145362	0.06273098	0.06281912	0.06812671	0.07463901	0.08214444	0.08645336	0.10932611
0.00014019	0.00013393	0.00012763	0.00011938	0.00010638	0.00014343	0.00016205	0.00015119
0.00037073	0.00035428	0.00033751	0.00031569	0.00028129	0.00031904	0.00033436	0.00032756
0.03929674	0.03659856	0.03462469	0.03581435	0.03603815	0.03130763	0.03320762	0.03040483
0.31766456	0.307998	0.31305101	0.30976467	0.31113947	0.30387852	0.30567714	0.30755005
0.00566805	0.00405864	0.00517781	0.00486138	0.00456164	0.00490815	0.00516544	0.00542234
0.01559343	0.01502088	0.01478584	0.01467229	0.01917535	0.01270689	0.01118155	0.01036643
0.0149807	0.01526326	0.01554167	0.01565161	0.01570305	0.01588477	0.01595371	0.01598919
0.68716351	0.71627989	0.74085934	0.76232478	0.78298611	0.80922821	0.84353574	0.88698116
0.81473021	0.85388165	0.88672212	0.91673603	0.94389012	0.97626407	1.02514898	1.09398293
0.00177099	0.00178994	0.00181058	0.00182771	0.00184586	0.00186329	0.00191555	0.00197299
0.36032021	0.35955748	0.35115138	0.35077018	0.3337934	0.33258202	0.34072329	0.34833632
0.03572128	0.03529848	0.03472547	0.03406417	0.03340287	0.0328106	0.03235777	0.03201306
1.56093159	1.66079694	1.76825399	1.86145777	1.96859209	2.10191532	2.22113606	2.35256795
12.1006088	12.2037452	12.7051561	12.663194	12.6364039	12.8789362	13.110614	13.0856363
0.53790766	0.5308385	0.52185936	0.51696582	0.50343828	0.51230939	0.51597242	0.52506046
0.04056925	0.04126214	0.04198638	0.042622	0.04310731	0.04367283	0.04303629	0.04257121
18.3821188	16.6700681	16.5200636	15.7007732	15.7722075	15.5094882	15.6249244	15.9435849
4.3871173	4.14913583	3.9609348	3.81963446	3.67204829	3.52720395	3.40903472	3.45086997
1.62237527	1.63015027	1.65005082	1.68216095	1.70805525	1.75038583	1.79470441	1.84449771
0.40304974	0.40685227	0.41168624	0.41900637	0.42618909	0.43472622	0.44632962	0.46121837
4.78934863	4.54413258	4.49551451	4.35884616	4.22578959	4.09438126	3.66647712	3.54783676
0.57348346	0.58827466	0.60294058	0.61679745	0.63108968	0.64712813	0.66958732	0.69294538
0.88033351	0.89663315	0.91327135	0.93081717	0.94966683	0.96489464	0.99547996	1.02511053

7.04457865	7.16001343	7.2412779	7.35970763	7.53643597	7.6990654	7.89731743	8.09712887
7.12883949	7.09026409	6.99854787	6.84603303	6.72300372	6.58564435	6.50648143	6.41828446
0.44414675	0.45047459	0.46815458	0.46659665	0.4854165	0.4893257	0.51036506	0.52781165
0.19274511	0.19701005	0.20020935	0.20415223	0.20897765	0.21334539	0.21762482	0.22230226
0.55738137	0.60767053	0.63241273	0.64205381	0.64545721	0.64360138	0.6512019	0.66092292
2.21597989	2.51419499	2.52051548	2.57227671	2.69468958	2.74131703	2.77914266	2.86791933
0.13326534	0.13638858	0.14135655	0.14532503	0.15109189	0.15857196	0.16357744	0.16908123
0.01868319	0.01874397	0.01883355	0.01890058	0.01894707	0.01912184	0.01936898	0.01940061
0.47027956	0.4739412	0.47508771	0.4781233	0.47366755	0.46653492	0.47705298	0.49276928
76.8217902	79.4008954	82.2243276	83.862393	85.8150186	85.4788754	87.4556873	90.7977958
0.11842786	0.12042488	0.12113203	0.12027732	0.12010648	0.12054472	0.11916928	0.11835679
0.05776283	0.05979686	0.06166698	0.06355793	0.06591612	0.06799687	0.07013125	0.07242464
0.03489158	0.03659167	0.03859461	0.04098677	0.04379122	0.04668647	0.05032198	0.05448697
0.18098702	0.18780302	0.19545426	0.2013496	0.20877856	0.2154382	0.22124393	0.22758684
0.25080105	0.25057472	0.25367589	0.25791054	0.26088387	0.26077236	0.26782977	0.27516203
21.7682025	20.3714441	19.4967722	19.387895	20.3856755	21.5149992	20.4454637	21.477686
0.94183644	0.88153083	0.85647327	0.79679671	0.74164477	0.68465516	0.66551988	0.63413261
7.86687862	8.01795577	8.06231983	8.33283642	8.71922029	9.15513703	9.36986403	9.58602203
127.990226	129.517756	133.485647	138.239719	142.778325	146.588767	150.773791	155.246319
1.48955559	1.52750124	1.56320523	1.59540527	1.62507544	1.63775438	1.66502887	1.68474207
1.30913379	1.30575947	1.3015648	1.29690183	1.29138472	1.2839172	1.3398548	1.39707139
4.09945094	4.20523322	4.25396987	4.32975419	4.38530519	4.41036375	4.49120344	4.64327522
0.30049116	0.30906528	0.31581689	0.32454447	0.33059118	0.34086559	0.35300428	0.36550439
0.00389416	0.00395104	0.00400615	0.00406377	0.00411099	0.00417368	0.00432102	0.00448603
11.7822562	12.0148184	12.2863527	12.5532129	12.6656334	12.9117088	13.1610314	13.4879998
0.07465825	0.07570712	0.07750133	0.07895575	0.08043511	0.08348894	0.08564924	0.08761139
0.02613328	0.02694549	0.02826252	0.02964677	0.03091804	0.03228051	0.03336354	0.03460526
1.15118668	1.20070276	1.24678219	1.30934464	1.36450987	1.41369901	1.47942113	1.55160269
3.5684074	3.71362572	3.74268443	3.68865443	3.77317701	3.86921949	3.89134133	3.87627486
0.00933886	0.00984511	0.01042193	0.01101814	0.01156118	0.0120129	0.01242039	0.01279198
0.22161462	0.22380024	0.22569503	0.22645568	0.227983	0.22863076	0.23216696	0.23555415
4.2300999	4.22732647	4.2845849	4.38248446	4.43956309	4.49735639	4.59113945	4.65609218
45.3348228	44.196193	40.8481792	38.5537559	36.7792585	34.9209458	32.9719114	31.3687985
0.24425854	0.23895173	0.24560306	0.24965631	0.25752369	0.26329461	0.26607581	0.26864506
0.0214321	0.02150841	0.02149407	0.02151138	0.02141985	0.02142239	0.02151396	0.02153204
1.89489636	1.80855676	1.71197413	1.61604843	1.62468435	1.54639086	1.59462	1.54153762
1.58809923	1.64459297	1.70401475	1.73951936	1.77020921	1.82304191	1.90479231	1.97551145
6.9807553	7.22234525	7.48177574	7.73014293	7.99589675	8.23323909	8.49733281	8.82771571
2.66107477	2.74056783	2.81438225	2.90522305	2.94876072	3.01710478	3.10374805	3.18314291
8.26627477	8.27566916	8.27919051	8.44448081	8.48330591	8.54147408	8.6889751	8.74866663
0.35201401	0.35315336	0.35604908	0.35923979	0.36284533	0.36625825	0.38118462	0.39629331
0.07779006	0.0816233	0.08510789	0.08866639	0.0923851	0.09630747	0.10412008	0.11219493
11.8012041	12.2324411	12.7398288	13.1059578	13.3927692	13.696883	14.2229467	14.5992145
1.27535408	1.381199	1.38133901	1.43548027	1.5091433	1.60258454	1.47810077	1.32952093
5.09623207	5.27312934	5.42218244	5.546434	5.6985905	5.85746638	6.05760746	6.24314774
6.57043622	6.42221904	6.50047127	6.37725088	6.27117861	6.12517167	5.88198062	5.7125984
0.26571253	0.27318138	0.27248695	0.27338988	0.28686679	0.28917449	0.29221043	0.29718317
0.00053213	0.00055181	0.0005739	0.00059599	0.00061543	0.00063113	0.000642	0.0006522
22.7183959	22.9523591	23.2214712	23.6127807	23.855048	23.9364864	24.0299618	24.3486152
0.01982696	0.01980297	0.01978359	0.01976574	0.01975146	0.01974146	0.01978118	0.01981932
0.1276963	0.12964746	0.13152677	0.13314723	0.13284243	0.13339566	0.1372746	0.14101197

64.3060342	63.1714379	62.0730231	56.2392219	49.9877374	46.9225239	46.7910415	43.7080035
1.51767669	1.53568174	1.55317669	1.53991146	1.53128159	1.51919608	1.51660915	1.5306455
1.37677503	1.38621168	1.39574942	1.40359086	1.41041872	1.41676259	1.44866873	1.48233047
0.01101029	0.01104523	0.01113248	0.01117933	0.01121405	0.01125897	0.01136075	0.01144202
0.93636414	0.97059274	1.00090625	1.02581958	1.04985027	1.07268017	1.10206036	1.13517703
0.06795055	0.06918763	0.07006116	0.06913939	0.07103397	0.07120557	0.07102145	0.07109168
0.10139369	0.10486115	0.10881872	0.11278166	0.11732472	0.12206315	0.12683794	0.1304226
0.14744764	0.15278547	0.15721326	0.15180186	0.15325349	0.15712938	0.16113051	0.16433324
0.0385379	0.04171705	0.04690631	0.0502419	0.05356657	0.0568914	0.16163912	0.17002044
4.4371512	4.55495004	4.70244246	4.81250427	4.92962991	5.08723081	4.55204761	4.79126759
0.02537685	0.0258385	0.02630757	0.02707402	0.02764309	0.02809709	0.02810782	0.02833306
0.05136875	0.05121941	0.05097843	0.05082637	0.0505842	0.05043146	0.05061738	0.05080442
3.03239258	3.10800589	3.21002919	3.31918065	3.38956415	3.47502772	3.5830699	3.73068511
0.01912815	0.01983092	0.02055674	0.02135123	0.022238	0.02320555	0.02436187	0.0255882
0.38155112	0.38939289	0.39306986	0.38840825	0.39276452	0.38640133	0.38687548	0.389724
3.434579	3.49174893	3.544971	3.5562959	3.59481673	3.71071611	3.70508325	3.7221566
1.20259815	1.25295791	1.29441592	1.33739837	1.36186376	1.41999292	1.46741139	1.51627957
0.93133156	0.93744266	0.92218533	0.87218736	0.93427681	0.9395422	0.96611545	0.9777957
0.67580681	0.6848966	0.69260648	0.70062554	0.7085423	0.71673194	0.7308833	0.74657447
5.18916606	5.31673156	5.24974175	5.18572754	5.16402074	5.1380852	4.93880725	4.78510123
22.5046712	23.7346983	24.920323	24.1454628	24.531154	28.6324821	28.5497669	29.7443036
73.870445	75.1542686	76.979361	79.8387824	81.0863373	82.159135	83.7754614	85.6112575
1.98204757	2.02081697	2.07458925	2.11828105	4.16531311	4.2841098	4.59972732	4.47301784
6.93214968	7.09179488	6.8705324	7.09092371	7.05945794	7.01474924	7.20397407	7.7596654
4.50347052	4.64763001	4.89312962	5.26255019	5.52959978	5.62726733	5.80055569	5.93735259
0.2271641	0.23129744	0.23534636	0.24152251	0.24813413	0.25382556	0.26186968	0.26345128
4.04904632	4.17916237	4.28365896	4.374155	4.47526373	4.6106304	4.70135184	4.78182762
24.484626	25.2675321	25.952183	25.67208	25.9409473	27.1014421	26.685497	26.0098698
0.23626737	0.2387176	0.24084612	0.2388223	0.24371461	0.24552124	0.24787035	0.24763498
1.51664341	1.55752732	1.59075487	1.70309641	1.7378602	1.77378986	1.83268109	1.89275198
18.5020976	17.8113665	17.064099	15.919836	15.0810592	14.793365	14.0321144	13.4864163
2.81906666	2.86949727	2.90985364	2.93271609	2.92547797	2.80397728	3.05502569	3.08449952
1.23393542	1.26321726	1.2885372	1.31697225	1.34476007	1.36278867	1.41004883	1.46008062
0.80624929	0.8370233	1.48929246	1.4607835	1.48903511	1.52856818	1.5341003	1.57255853
0.52999399	0.55000129	0.56832158	0.58496321	0.60743213	0.63016165	0.6513559	0.67025614
0.01096457	0.01117017	0.0114323	0.01177299	0.01201848	0.01239308	0.01261034	0.01288866
0.02328397	0.02357805	0.02447948	0.02421102	0.02400089	0.02449387	0.02501728	0.02532874
11.2036456	12.1996356	12.5436888	12.2503603	12.2929534	12.4544832	12.5702264	12.8462895
3.58066347	3.5961306	3.7532003	3.98906579	4.18138984	4.37496747	4.51112181	4.60806106
0.19033156	0.19641865	0.20281097	0.20891842	0.21566475	0.22188	0.22901401	0.23611454
1.40620668	1.45049843	1.46919485	1.48612886	1.50219082	1.53418598	1.60442064	1.68064376
0.18625683	0.19090795	0.20330596	0.21775541	0.23133022	0.24202082	0.25234126	0.261414
2.10236952	2.13555932	2.15990646	2.19281145	2.21468156	2.25012652	2.25552878	2.29251181
0.03759113	0.03785462	0.03792405	0.03840952	0.03871471	0.03871412	0.03742774	0.03625806
2.89478584	2.93442319	2.98509402	3.02745085	3.0664781	3.11647818	3.12865361	3.16723848
0.08139224	0.08425942	0.08682263	0.08900556	0.09118887	0.09364504	0.09638534	0.09875611
1.08677022	1.06995428	1.03908198	1.04449027	1.08042072	1.11867904	1.20690609	1.4142167
0.14354066	0.13230754	0.13112004	0.12846794	0.12509204	0.1319043	0.11898374	0.11838268
0.44456192	0.42687453	0.42195603	0.42136661	0.40452642	0.38176893	0.40027152	0.39566977
0.02507096	0.02482729	0.02452961	0.0239353	0.02331798	0.02264227	0.02294199	0.0233568
9.06719032	9.45342112	9.61692891	9.90918169	10.0797237	10.2807657	10.5813824	10.8716199

0.83157768	0.81337222	0.80312571	0.78057684	0.76079535	0.75275459	0.75524016	0.77408519
0.73811367	0.76096851	0.78517918	0.81221571	0.84139389	0.87216921	0.91558009	0.92636833
0.03463652	0.03612795	0.037768	0.03940546	0.04105073	0.04263908	0.04510296	0.04874434
37.9650135	38.9905894	40.1415802	41.2153435	41.8705116	42.7536575	43.3352622	44.0579178
0.53317587	0.5345901	0.5335593	0.53505362	0.5374761	0.53865079	0.53830068	0.53868771
0.45032734	0.45964444	0.46887928	0.47966471	0.49028573	0.49754678	0.52449198	0.54767012
0.05191997	0.05316461	0.05485596	0.05909501	0.06063795	0.06366136	0.06699095	0.06940329
1.95409633	1.97916108	2.00228242	2.02481557	2.06717883	2.12371234	2.16763549	2.22615987
0.25405795	0.2580205	0.25697149	0.25961907	0.26161243	0.26162351	0.26199582	0.26839412
0.58083444	0.61957224	0.64924505	0.67694191	0.70179788	0.72110473	0.75360187	0.78909678
0.30815385	0.31735619	0.32315914	0.33133924	0.3416529	0.35003562	0.36167881	0.37364192
0.05726237	0.05764622	0.05791374	0.05821793	0.05849587	0.0585393	0.05880016	0.05897953
0.4189847	0.42677258	0.43373535	0.43946357	0.43108681	0.44620217	0.45414571	0.45081121
0.44810295	0.46199635	0.47444019	0.49035673	0.5040129	0.51737023	0.52677146	0.54049089
4.6296715	4.86347996	5.0969586	5.4396474	5.79879375	6.0965749	6.53569426	7.12370692
0.12965266	0.13498972	0.13962078	0.14598812	0.15274826	0.15950791	0.16301854	0.16788032
0.02769076	0.02845825	0.02923855	0.02985595	0.03060046	0.03138	0.03222569	0.03308322
0.42856869	0.44509269	0.46007399	0.4783081	0.49405002	0.50121887	0.52078503	0.53936031
10.2987855	10.6342237	10.9743935	11.3730434	11.7092329	12.0676338	12.6185774	13.2585587
0.71761019	0.74205056	0.76008433	0.7745901	0.80059714	0.81999079	0.83513673	0.84976839
14.3921626	13.9152204	13.458454	12.9260675	11.8973515	11.2280352	10.5815047	10.0523108
2.82984269	2.73987648	2.67992432	2.54012866	2.37487282	2.45068331	2.38027987	2.27827356
1.41812722	1.44690788	1.47345608	1.4975267	1.51958474	1.54049514	1.56822132	1.59242733
4.4726818	4.56404377	4.62172685	4.68677422	4.75147589	4.84321984	4.91767875	5.00321179
0.48592039	0.49087515	0.49299695	0.49090314	0.48695412	0.48824022	0.49824123	0.60070355
9.65346624	9.88221183	10.0843472	10.4723981	10.8065746	11.0398084	11.4919229	11.8305776
0.61348809	0.63518803	0.6638255	0.69560975	0.71780567	0.73817178	0.74996384	0.76880804
5.56195162	5.6538136	5.78601183	5.8243099	5.89133669	5.96613891	6.06220751	6.22798107
5.88652775	5.99505854	6.09483487	6.14515649	6.28575714	6.38370191	6.55045074	6.71848984
0.00297497	0.00304346	0.00310652	0.00316475	0.00321692	0.00325726	0.00330817	0.00334374
0.43982644	0.45053948	0.45944903	0.46827188	0.4782769	0.48795473	0.50001269	0.5121965
16.1457878	16.5755472	16.7461065	16.8728906	16.8181545	16.7191809	15.412184	14.9306072
1.10113397	1.11135882	1.12540422	1.13961341	1.15086976	1.15881602	1.16900208	1.16957715
3.83620144	3.82707023	3.79342586	3.69210375	3.70191497	3.7100438	3.72581928	3.75590821
5.61357293	6.09813971	6.29968974	6.63179929	6.74568573	6.11228758	5.93034431	6.02477062
0.31958912	0.32520677	0.33424072	0.3424114	0.34779064	0.33954344	0.34970024	0.35705298
0.03116761	0.0315545	0.03157594	0.03215799	0.03265076	0.03268131	0.03351762	0.03418206
0.50471738	0.50775664	0.65029525	0.83855358	0.84473076	0.83630843	0.91250969	0.91161093
0.07076051	0.07157127	0.07258619	0.07341734	0.07582068	0.07628872	0.07743569	0.07836701
4.1145466	4.14699727	4.14345956	4.10179653	4.21693635	4.70733705	5.08097486	5.50663784
63.8565793	61.8851216	62.3121831	63.0567902	66.2625442	68.7523565	70.2598147	72.4231373
0.33111527	0.34794678	0.37577876	0.40938482	0.44155756	0.47003794	0.49517276	0.51795909
10.50644	10.7571908	11.0208219	11.7100195	11.7470595	12.0071497	13.2443498	13.6631371
1.92287833	2.30326512	2.2962206	2.37107515	2.07177414	2.23814244	2.11309501	2.12774293
3.67640355	3.8087392	3.96984497	4.10722238	4.23403567	4.38315616	4.54537099	4.71116619
0.8579526	0.8700955	0.88270295	0.89608999	0.91061486	0.92372035	0.94042801	0.95534228
1.06226329	1.08898135	1.33084054	1.39627311	1.40756342	1.36979247	1.63464751	1.8473187
0.00061105	0.00059987	0.00059039	0.00057895	0.00056589	0.00055255	0.00053278	0.00050995
0.07975521	0.08229959	0.08449896	0.08704834	0.08942205	0.09000459	0.09139223	0.09360951
0.32141852	0.32068528	0.31856038	0.32034601	0.32329276	0.33164103	0.34002803	0.36387946
1.19406393	1.26273121	1.47473742	1.41549847	1.33327531	1.3574192	1.37826147	1.39747348

1.04379262	1.0647948	1.09289507	1.12795753	1.16189233	1.19657657	1.24058086	1.28298966
0.00534875	0.00532318	0.0052954	0.00525718	0.00523049	0.00520287	0.00520115	0.00519951
0.00881797	0.00906001	0.0092947	0.00953263	0.00978	0.010055	0.01043964	0.01087666
0.16127509	0.16334418	0.16722809	0.16948575	0.17115223	0.17371725	0.17691231	0.17971731
2.84066102	3.03214875	2.87225892	3.01840904	3.32709493	3.21277	3.28016222	3.22164359
0.83125348	0.83835569	0.8619992	0.89768928	0.92346024	0.88609818	0.8818585	0.98409114
5.59904733	5.27106627	6.02257035	5.21570039	5.497587	5.30551772	5.42916924	5.68047296
0.39055545	0.42228472	0.35950217	0.32700029	0.38825243	0.33685765	0.37483149	0.38014572
0.03564597	0.03639215	0.03753309	0.03851049	0.03914688	0.03977999	0.04035907	0.04126983
1.82008862	1.86288593	2.01582398	2.07428243	2.18348574	2.39485521	2.61124154	2.84874197
0.00552106	0.00575008	0.00579955	0.00598456	0.00642694	0.00699955	0.00744045	0.00817786
0.6782951	0.69708456	0.71826253	0.74129828	0.76093735	0.78103856	0.81485825	0.84956395
0.40510914	0.41343865	0.42536913	0.42985173	0.43535766	0.43875156	0.44620729	0.45351501
11.0237817	11.6292259	12.094681	12.3790415	13.0923581	13.1198835	13.6685684	14.2510287
0.67842386	0.65580874	0.65599383	0.66261812	0.66882825	0.68127602	0.701153	0.72628331
0.68908289	0.70693848	0.70507416	0.72301406	0.75088639	0.76769294	0.78324284	0.79538701
0.04308759	0.0433083	0.04391588	0.04395396	0.04391576	0.04471071	0.0465374	0.04799905
0.02903757	0.02917359	0.0292412	0.02946093	0.02976132	0.03004506	0.03036164	0.03068026
2.06921667	2.16745692	2.09404148	2.56264363	2.56139778	2.58760689	2.71836623	2.80579493
1.97232222	2.03202239	2.08458224	2.13140246	2.18075212	2.22386563	2.27167529	2.30770541
6.62102705	10.6955775	14.9757258	17.9141667	21.2851583	24.5115438	26.4046008	22.0418808
5.68359924	5.69966926	5.7040597	6.17412871	6.42252068	6.51269095	7.39812966	7.46477019
1.37507026	1.37782501	1.38153032	1.38266801	1.39167778	1.38878729	1.41889967	1.45188574
1.42086316	1.47202716	1.51706772	1.56402766	1.6181734	1.67230446	1.73187689	1.79854861
10.0525436	10.5830642	10.8670257	11.4560035	10.1932218	9.79193593	10.9040795	11.3084568
0.31847666	0.32655502	0.34333607	0.34030765	0.34170112	0.33223718	0.31840225	0.32189341
217.522209	211.427117	199.206988	189.86114	182.501481	177.883438	149.647778	141.407176
3.77608691	3.85755742	3.96687804	4.05717432	4.14844904	4.24303429	4.32615003	4.43263442
0.0243037	0.02454201	0.02484253	0.02518156	0.02543607	0.02566027	0.02600212	0.02657779
6.89903765	7.04990854	7.13390477	7.26644919	7.28216968	7.39883774	7.67762511	7.55765848
0.00200652	0.00207072	0.00217525	0.00216731	0.00220329	0.00230873	0.00242352	0.00249446
5.83566592	6.05751638	6.27473251	6.46091553	6.88669516	7.14746262	7.38529862	7.62903968
0.03949219	0.04059802	0.04186597	0.04309283	0.04414544	0.04558114	0.04652797	0.04732581
0.02437216	0.02459426	0.02473258	0.02485667	0.02498624	0.02517953	0.02543259	0.02561505
1.65488923	1.7383333	1.82215901	1.91551959	1.99322747	2.07259811	2.17142983	2.27360494
11.4273891	11.7794685	12.5371616	12.7815083	12.9291117	13.2781798	13.506752	14.0224261
0.38670042	0.39398908	0.40137703	0.40714858	0.41607765	0.42166307	0.43547822	0.45131239
1.06293559	1.09314816	1.12585575	1.14547265	1.16101105	1.16927141	1.18244144	1.18450755
0.01144271	0.01795062	0.02477277	0.03371412	0.04916494	0.08924177	0.12225548	0.15393848
0.00780392	0.01228576	0.01697856	0.02311719	0.03366562	0.06105459	0.08404154	0.10638155
0.00930792	0.012119	0.01199657	0.01566728	0.02107601	0.03243366	0.04267537	0.05113111
0.83296358	1.04533176	1.29804207	1.55071702	1.9884238	3.06229246	3.82278529	4.59901368
0.31250332	0.43526946	0.56380194	0.85417795	0.99837553	1.75797951	2.28055048	2.98536802
0.0185026	0.02233919	0.02461599	0.02983976	0.03606294	0.05069477	0.0669985	0.08476477
0.0012003	0.00143147	0.00156447	0.00175855	0.00195901	0.00208971	0.00211403	0.00201972
4.35506647	3.91622798	4.05894769	4.40725678	4.74153247	4.92752739	4.88982533	5.46690124
1.77087318	1.93401022	1.96920755	1.79895609	1.73058872	1.66674301	1.88394401	1.9840929
0.09648362	0.1434083	0.22688592	0.29623711	0.36444448	0.43592606	0.44514165	0.45699682
0.00347411	0.00544998	0.00752124	0.01023592	0.01492693	0.02709464	0.03711791	0.04673716
1.81973127	1.90276048	1.71797373	1.88131191	2.00478282	2.24665567	2.16017716	2.15272155
0.01156418	0.01814118	0.02503575	0.03407202	0.04968686	0.09018914	0.12355331	0.15557264



0.01401792	0.02199047	0.03034796	0.04130158	0.06022967	0.10932591	0.14976945	0.18858281
0.03527561	0.05533823	0.07636955	0.10393396	0.15156581	0.27511477	0.3768895	0.47456194
0.06750767	0.06316135	0.06161895	0.07173336	0.0838425	0.10440621	0.12675999	0.14666711
0.28120766	0.29970243	0.33090655	0.39583859	0.39185266	0.48377063	0.51766007	0.58508812
0.15697002	0.17014731	0.15308741	0.48919557	1.01389735	1.24072216	0.997209	1.35928182
0.03203548	0.03513975	0.04262674	0.05091159	0.05575233	0.06232687	0.07036265	0.07392749
0.012705	0.01029	0.007875	0.00546	0.00546	0.00546	0.0074905	0.009521
4.72919013	3.77209668	4.05769601	2.89791702	3.90732693	2.83078983	2.85284739	3.43985405
0.01830111	0.0347868	0.04789815	0.05713202	0.07071595	0.11210625	0.12994954	0.13945086
0.00534479	0.00838458	0.01157114	0.01574757	0.02296452	0.04168406	0.05710447	0.07190332
0.00583068	0.00914681	0.01262307	0.01717917	0.0250522	0.04547351	0.06229579	0.07843999
13.831521	14.0493097	14.4118421	15.4006941	15.6438154	16.6358343	15.866591	16.9204543
0.62848303	0.70893166	0.81328827	0.96053754	1.03439284	1.17796757	1.23397372	1.34499667
0.07849262	0.11322085	0.15159398	0.19650915	0.24296843	0.27004685	0.44972515	0.63612747
15.8164893	18.9294129	21.7965862	26.9853785	40.3797705	50.3997564	65.9735183	68.0267167
0.03099978	0.04863056	0.06711264	0.09133591	0.1331942	0.24176752	0.33120593	0.41703928
0.86800141	0.92374566	1.03892474	0.94494822	1.00681844	1.04954602	0.98618025	1.11873112
0.03217077	0.05046755	0.06964777	0.09478605	0.13822551	0.25090012	0.343717	0.43279264
0.00518048	0.00804492	0.01099186	0.01488753	0.02153422	0.03892175	0.05330747	0.06708372
0.21066012	0.25631847	0.3031216	0.37890629	0.51400891	0.88288963	1.20831777	1.52147396
2.0465E-05	1.7444E-05	1.5814E-05	1.4202E-05	1.3492E-05	7.3453E-06	2.146E-05	3.4541E-05
0.01187119	0.01660277	0.02157104	0.02842916	0.03935928	0.06536601	0.08537226	0.10397595
0.01935102	0.02617146	0.03135654	0.03828539	0.05130981	0.0818307	0.10988763	0.13456873
0.07063033	0.07922179	0.08608292	0.09913577	0.11050859	0.12227819	0.13563322	0.14524671
0.44387473	0.60399205	0.77403946	0.91897062	1.03683188	1.22717702	1.4353916	1.56120009
19.4080212	18.9142482	19.5521081	20.2484554	18.9525862	19.7001486	19.9344302	20.1536134
0.64957686	0.76525412	0.79124863	0.92885327	1.10189122	1.21015159	1.1793737	1.18161922
0.02487756	0.03902641	0.05385842	0.07329778	0.10688938	0.19402033	0.26579535	0.33467729
0.15218143	0.20504589	0.24784789	0.3230641	0.41653735	0.57704779	0.67005972	0.75647228
0.01899109	0.0262591	0.03359214	0.04303414	0.05744938	0.09832013	0.13243205	0.16424868
1.65004753	1.84302541	1.85127831	1.95979202	2.31634536	3.05010529	3.55712437	4.1125907
9.80362972	10.8234981	12.1607059	12.5399958	14.2398955	15.5616746	12.516447	12.0588743
0.03285758	0.03940817	0.04602814	0.05676519	0.06752416	0.08268145	0.09947441	0.1018004
0.00033218	0.00072376	0.00098408	0.00106319	0.00135334	0.00212659	0.00247996	0.0022862
0.26925785	0.35475205	0.45330359	0.56405514	0.66442153	0.82685259	0.83895607	0.91741876
0.00278415	0.00436761	0.00602751	0.00820305	0.01196243	0.02171361	0.02974624	0.0374551
7.97664104	9.55454068	10.5251539	10.9118479	12.2144017	13.4989078	14.28678	15.2002963
0.01596193	0.02449511	0.03336082	0.04490031	0.06452513	0.11596057	0.15847746	0.1990398
20.8622289	21.9494069	23.9037707	21.1115912	14.4709345	13.3660896	13.5309489	13.9644175
0.00079683	0.00100535	0.00118389	0.00126679	0.00136758	0.00142711	0.07794745	0.13328501
0.38501353	0.40511506	0.46014358	0.18097198	0.35674504	0.46564932	0.38968421	0.48064163
0.01098111	0.0172265	0.02377345	0.0323541	0.04718164	0.08564179	0.11732373	0.14772865
0.00306597	0.0048097	0.00663763	0.00903338	0.01317328	0.02391149	0.0327572	0.04124636
4.58109363	5.13429699	5.38300772	6.00949146	6.83195367	5.59746097	5.00741053	5.49189766
0.00210835	0.00210835	0.00212295	0.00212295	0.00213755	0.00213755	0.002377	0.00238715
0.04919257	0.05666322	0.06272981	0.07254207	0.08404216	0.10603563	0.12681213	0.14045303
0.157215	0.15604	0.148285	0.137475	0.145465	0.15275	0.14758	0.141235
0.00966921	0.01516847	0.02093325	0.02848878	0.0415449	0.07541025	0.10330718	0.13007965
0.51135093	0.62027448	0.5800963	0.30124999	0.25969015	0.26361106	0.24302543	0.10924292
0.41170569	0.43200235	0.49281588	0.55208533	0.64643649	0.65741733	0.71335333	0.78927131
1.73799733	1.79744343	1.83764144	1.5940111	1.90311046	2.64964625	3.04784553	3.63599067

6.62891095	6.49909814	7.05672008	8.21095551	8.75710092	10.2204336	10.3891607	11.1438735
0.33581605	0.44974496	0.57335471	0.49978162	0.70459566	0.9455628	0.98062956	0.97857506
2.22808706	2.15292117	2.19712814	2.36954322	2.9274373	3.30761555	3.90001537	4.74738691
0.23808547	0.26522123	0.28299336	0.30676014	0.37975987	0.56423242	0.7063236	0.84017457
0.06581922	0.07439793	0.09266295	0.15054933	0.16983648	0.17865637	0.16497978	0.18844323
0.59149788	0.59906627	0.63134296	1.02197857	1.13036516	1.34785801	1.43018627	1.332104
4.26508167	4.42369194	5.003048	5.60617316	6.08170477	7.02041867	8.18734051	8.94922803
0.01269313	0.0162007	0.02066099	0.02779124	0.03847686	0.04619926	0.05120556	0.06237125
0.04040267	0.06567424	0.09164951	0.12493426	0.18095902	0.3276997	0.44880046	0.56372502
64.910244	66.7262778	65.9703486	61.217929	54.9935271	50.6649335	44.6705254	39.8285861
0.02557161	0.02735175	0.03058919	0.11569862	0.14741883	0.28630813	0.31803512	0.36646939
0.00494	0.006734	0.008528	0.010322	0.012116	0.01391	0.018174	0.022438
0.00209842	0.0024729	0.00290685	0.00307389	0.00337739	0.00376234	0.004321	0.00414359
0.00726406	0.01139541	0.01572624	0.02140238	0.03121087	0.05665242	0.07761017	0.09772315
5.3593E-05	6.9153E-05	8.2095E-05	9.1349E-05	0.00010708	0.00013185	0.00015262	0.00015952
7.72088719	8.12618245	9.83752683	6.90489241	12.1889773	11.9793816	8.94877642	12.0341137
0.72971337	0.83455664	0.91786748	1.03673632	1.31409764	2.03066107	2.63780946	3.21870907
0.03571291	0.05602424	0.07731628	0.1052224	0.15344472	0.27852528	0.38156169	0.48044494
0.00021461	0.00027933	0.00034658	0.00044617	0.00056582	0.00075277	0.00136009	0.00194807
0.17219965	0.21901333	0.25941655	0.30600749	0.40294495	0.62390623	0.80748293	0.9853105
0.00655595	0.00984233	0.01477612	0.02218313	0.03330315	0.041	0.040344	0.039688
0.00672958	0.01055695	0.01456912	0.01982762	0.02891442	0.05248401	0.07189972	0.09053282
0.0706434	0.07962566	0.08896145	0.10434729	0.10685632	0.1176477	0.13829044	0.15391544
0.03833092	0.04248726	0.04615784	0.05083378	0.0562123	0.06240876	0.06999042	0.07191044
0.08303268	0.10103014	0.11858873	0.1345934	0.1498048	0.17398567	0.20529471	0.22754063
0.02494802	0.03913693	0.05401094	0.07350536	0.1071921	0.1945698	0.2665481	0.33562511
0.003227	0.00529967	0.00784164	0.01054731	0.01249684	0.01445812	0.0177612	0.02093546
0.01314196	0.02013737	0.02742983	0.03701701	0.05351841	0.09614152	0.13128406	0.16418787
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0.00726406	0.01139541	0.01572624	0.02140238	0.03121087	0.05665242	0.07761017	0.09772315
0.01324114	0.01424863	0.01468145	0.01548856	0.0164521	0.02193827	0.02071086	0.02206642
0.02286587	0.03432813	0.05153622	0.07737043	0.11615489	0.143	0.104	0.117
0.00752342	0.01088064	0.01471701	0.02017137	0.02774176	0.07425404	0.18592004	0.20217817
0.00993645	0.0155877	0.02151181	0.02927617	0.04269312	0.07749445	0.1061624	0.13367482
0.01350178	0.01986068	0.02925092	0.04335086	0.06442551	0.07908512	0.13072684	0.08898056
0.00524761	0.00823213	0.01136076	0.01546125	0.02254698	0.04092617	0.05606621	0.07059599
0.00023706	0.00051535	0.00080395	0.13027314	0.17696962	0.66150812	0.94862652	1.13108252
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0.20966171	0.33710279	0.46507288	0.64930221	0.90767866	1.5433079	2.05808834	2.5478218
0.00327975	0.00514508	0.00710047	0.00966328	0.01409186	0.02557885	0.03504138	0.04412249
10.4606547	12.1580646	12.1455533	12.5711753	8.14527153	7.27529743	2.92690167	2.67870919
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0.05226172	0.06247496	0.07415426	0.08392892	0.10267723	0.15062056	0.19076811	0.23007249
0.42603445	0.44306675	0.45074536	0.47018012	0.56775795	0.83142666	1.08340928	1.32764913
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0.09185396	0.17202748	0.21765082	0.277431	0.35629327	0.58872829	0.67615264	0.75651878
0.21769463	0.26001181	0.3296955	0.41113576	0.51109233	0.60541703	0.71757288	0.83357435
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38.4448036	37.9190609	41.7909486	43.1598817	42.9330482	45.9815429	43.3308061	39.3182912
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1.12861476	1.26406704	1.38898266	1.54214188	1.81387436	2.26517982	2.46032574	2.89824184
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0.00581117	0.01204475	0.01817305	0.02537085	0.03571196	0.06390271	0.08040169	0.09489513
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0.11938523	0.11656044	0.10354201	0.09697835	0.02061896			
0.10896562	0.16238537	0.17601018	0.20420928	0.21965618	0.2501314	0.28073554	0.32419664
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3.11466071	3.96314386	4.55612699	5.54885514	5.78051267	4.516066	5.98322992	53.8278062
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1.85927855	1.93193127	2.01251809	1.58272739	1.85491445	2.13236952	2.12424545	2.54011478
0.10747885	0.16860628	0.23268519	0.31666932	0.46179555	0.83822846	1.14831898	1.44591047
0.07686536	0.12058169	0.16640883	0.22647153	0.33026106	0.59947356	0.82124016	1.03406785
1.30169839	1.64802346	1.74383854	1.95719084	2.16250027	2.77988125	3.28632631	3.85555227
3.3994E-05	3.8713E-05	3.8829E-05	3.6569E-05	3.7613E-05	3.8469E-05	5.1073E-05	5.8512E-05
0.00864884	0.01356777	0.01872421	0.02548243	0.03716076	0.06745238	0.09240542	0.11635265
0.00095524	0.00094951	0.00096374	0.00097413	0.00097391	0.00098694	0.00099074	0.00100147
1.79896312	1.99277856	2.19537769	2.37136874	2.59321281	2.23185283	1.98745264	2.33699947
2.26321718	2.48958928	2.39614671	2.7945762	2.57356642	2.6136017	2.85766859	2.52876096
0.84047214	0.77763559	0.72694981	0.77149739	0.73163925	0.74456011	0.74190761	0.79492799
0.00199278	0.002011	0.00192458	0.00205674	0.00191468	0.00215703	0.00213658	0.00233328
0.17333218	0.1889385	0.19699004	0.20700749	0.22383957	0.23606024	0.24873166	0.26251157
24.3512785	24.557071	24.5746891	24.226298	24.4629929	24.7606892	25.4085472	26.3274951
0.26321175	0.26312942	0.23470437	0.23220859	0.21950356	0.22299187	0.22451637	0.23288476
0.00900424	0.00890721	0.00911832	0.00927832	0.00951081	0.00928583	0.00956366	0.00975762
30.7634175	33.3697838	33.2038063	34.3709406	34.8609298	35.4287464	36.0632494	35.4331553

2.25122273	2.30059921	2.26956092	2.24694507	2.21499928	2.13563481	2.14315817	2.04865584
0.81569804	0.8587153	0.89521789	0.94494206	1.00359416	1.01138404	1.10779603	1.19519028
0.26439655	0.25783448	0.26034869	0.23949094	0.25192063	0.2554517	0.26139166	0.2398605
2.79315409	2.84966126	2.80506402	2.81993469	2.87526558	2.74920314	2.71264494	2.67184139
0.68917692	0.79069412	0.73943142	0.76268372	0.78001344	0.82780442	0.87878319	0.91306017
2.65078133	2.74597983	2.70955679	2.93097128	2.98744052	3.01719192	3.15203252	3.22334117
13.340564	13.9500025	13.5070079	13.6399986	14.6755519	14.7610501	15.1410541	15.2894341
1.88709612	1.99136443	2.02834372	1.87581213	1.81398147	1.91242778	1.95292378	1.74720256
0.00867456	0.00934146	0.00939627	0.00959529	0.00999956	0.00959632	0.00922017	0.01212088
0.00795432	0.0100058	0.00872053	0.01221131	0.00743515	0.00743941	0.00773723	0.00940351
0.38390444	0.33090336	0.40160798	0.53005966	0.56928718	0.56739373	0.51586419	0.51551619
6.07024763	5.91684542	5.83957899	5.7725991	5.66381446	5.54218262	5.49778595	5.43304262
0.06337651	0.06007147	0.06167842	0.07026204	0.06648228	0.0653758	0.06851897	0.07184134
0.00078312	0.00069184	0.00071136	0.00071715	0.00072185	0.00072985	0.00073175	0.00074164
3.27399766	3.54447383	3.11175459	3.27959807	3.53439499	3.54513816	3.69133514	3.85516183
84.8408587	80.973055	82.1117925	83.8759667	85.2287378	89.8681527	89.8198108	94.0558825
0.02398662	0.02502971	0.02427067	0.02349221	0.022818	0.02179067	0.01944256	0.01837712
0.06167132	0.06257506	0.06489874	0.06833526	0.07111053	0.07445857	0.07698256	0.07403718
0.06356357	0.06264565	0.06071397	0.0611979	0.06135369	0.05598387	0.0543189	0.04758487
1.4286087	1.26233373	1.27322239	1.3169726	1.45158157	1.70033897	1.39356985	1.31739518
4.04154309	4.27743333	3.25167323	4.39084731	4.1651492	4.17784128	4.50242205	3.39793222
17.0072676	17.5353591	17.0842125	17.8122442	17.5437915	17.1810768	16.9073871	16.862956
1.57202821	1.55776272	1.50510967	1.49635824	1.43366878	1.44675924	1.45763136	1.4211056
4.06284939	4.19528451	4.26346622	4.20189499	4.35365128	4.29743617	4.41386129	4.42571578
253.616422	270.049826	243.702835	249.939233	260.074254	255.986165	253.544276	269.541495
1.35591957	1.36398806	1.40757221	1.42498733	1.36392474	1.36264517	1.3697598	1.47044776
2.93908022	3.09375591	2.92139312	3.14134321	3.23045598	3.43400456	3.5796653	3.17433851
3.79799294	4.3928416	3.69661131	4.25929141	4.14664615	6.07473095	3.67737345	2.79207339
0.24864037	0.52627996	0.26276866	0.36364262	0.36455307	0.74827477	0.25941639	0.21790876
0.00378814	0.00384931	0.00391026	0.00415451	0.00352054	0.00339458	0.00296384	0.00284583
13.3687462	13.4778583	13.7432982	13.7774091	13.3571254	13.7669812	13.7908007	13.9454666
0.02672409	0.02728777	0.02780953	0.02966183	0.03181124	0.02833727	0.02910746	0.0299533
0.05641949	0.03562448	0.04260317	0.05001167	0.05234008	0.04967407	0.0438699	0.04327832
1.16627943	1.2407074	1.28791222	1.32952927	1.15345938	1.10330012	0.96471338	0.92101571
4.72590946	4.71050195	4.79693638	4.69647043	4.51444626	4.51239722	4.32518175	4.26120392
0.00078208	0.00079376	0.00080738	0.00086724	0.00087859	0.00090627	0.00093149	0.0009591
0.16342645	0.17373875	0.15624975	0.16140517	0.16465775	0.14673422	0.16041923	0.1682008
2.82350413	2.99242634	2.76167393	2.67252253	2.61630172	2.80056843	3.080681	2.88801084
25.1738456	25.1190948	25.4001526	25.7748626	26.3023767	25.3614406	25.1904932	24.84256
0.15055398	0.15710561	0.15903209	0.16180501	0.16766422	0.16776825	0.16808571	0.16791948
0.00745181	0.00752441	0.00757805	0.00761225	0.00762785	0.00783856	0.00783835	0.00785623
4.36567662	4.34419377	4.31575412	4.22891841	4.04070588	4.01862134	3.97491187	3.86242535
1.53727234	1.58728652	1.62317807	1.58153351	1.38412369	1.31469272	1.41425248	1.60491551
1.97136292	1.97278098	2.03995295	2.22806238	2.30387104	2.27740254	2.30596624	2.26244348
2.93534918	3.07944592	3.34463801	3.22425118	2.88023445	2.71739291	3.04945006	3.24403523
8.38137257	8.90198486	8.76522065	9.29280386	9.35348931	10.0888815	10.7528594	10.8999827
0.68226737	0.7815653	0.89804398	0.96522507	0.98252255	1.00380296	0.96159895	0.94832323
0.02904027	0.02943971	0.02963273	0.02967872	0.03013162	0.0309837	0.03309367	0.03118281
13.0254907	13.8658044	14.1624323	14.8422603	14.7408262	14.9379369	14.6983054	14.855151
0.52826486	0.48622826	0.47142233	0.49825262	0.45062485	0.46618924	0.46412387	0.46823873
12.2627383	13.0786294	13.3687814	14.5704397	14.4410131	13.5356274	14.7846299	16.423368

2.05161729	2.0513682	2.05371801	2.824495	2.79270699	2.76018136	2.68998557	2.66587889
0.25035417	0.24826662	0.24963453	0.24376042	0.24404792	0.24911262	0.24899188	0.24382174
0.04117112	0.03680147	0.03713921	0.0359462	0.03472487	0.03572376	0.03538302	0.03511446
29.0867001	30.1564089	30.0025924	30.10931	30.234539	29.4886582	29.6049614	29.1879232
0.0054894	0.00546294	0.00553632	0.00552566	0.00558367	0.00560025	0.00546961	0.00551292
0.12613184	0.35013449	0.11195112	0.20653458	0.31831252	0.72534544	0.10919349	0.08187696
18.900599	19.6848339	19.258448	18.85502	18.6758405	17.9618335	17.156738	16.8183458
0.51318534	0.53290551	0.54161657	0.57926078	0.57092451	0.65168625	0.59243075	0.59013513
1.07609733	1.12414747	1.02553706	1.16930192	1.17040819	1.18797169	1.25818344	1.24987876
1.12774653	1.18389796	1.08509046	1.22906083	1.26254717	1.27647122	1.42885695	1.4199303
0.03283727	0.03939619	0.03995343	0.03829911	0.03400928	0.03406924	0.03453775	0.04460133
0.15377646	0.1540507	0.15416644	0.15517778	0.15664604	0.15637239	0.1511886	0.15627276
0.27560604	0.30055484	0.3031609	0.30080167	0.31619055	0.30834506	0.31301214	0.32548322
0.01449438	0.01586309	0.00933959	0.02034545	0.01814882	0.01683868	0.00973487	0.00794945
3.3377708	3.48027413	3.33215223	3.25764921	3.26709884	3.22306684	3.08481885	3.04193898
0.0042808	0.00412076	0.00407928	0.00403034	0.00416766	0.00367104	0.0037413	0.00387391
0.0013821	0.0013998	0.0013904	0.00141219	0.00141701	0.00133107	0.00128055	0.00120412
1.81361349	1.79232746	1.87328335	1.81642806	1.9687917	1.98715096	2.03259265	2.01458376
0.02018392	0.02875488	0.02652195	0.04645674	0.03161712	0.04257311	0.01019625	0.00821075
1.35700319	1.35572509	1.36903347	1.38021291	1.35851184	1.40673725	1.31935911	1.29658254
0.01426064	0.01372545	0.01502878	0.01426869	0.01329852	0.01449402	0.01453644	0.01385693
1.34590801	1.35700432	1.35219676	1.30866806	1.24892278	1.28955595	1.32330184	1.44469776
1.15353359	1.18577163	1.45359788	1.15193985	1.1715851	1.20741762	1.1469246	1.21020759
0.6893254	0.71827621	0.77557115	0.83777177	0.84635202	0.95096334	0.95184065	0.95761007
2.95583233	3.36691827	3.32768821	3.23278672	3.3780302	3.3034374	3.54723079	3.4015082
47.8377003	49.6669025	47.0736269	49.0239229	47.604132	48.1561412	47.7513858	50.9736121
117.400766	120.8864	124.2265	126.78981	128.684322	124.908049	127.440885	122.22563
6.57308561	6.4561275	6.55828421	6.89879407	6.85915906	6.71798627	6.69875917	6.77287792
14.0204805	14.4965724	15.4179955	15.9141688	15.4932997	15.6151444	15.7872042	15.4771797
2.57880411	2.5230232	2.66867479	2.75577185	2.71023575	2.73096206	2.98713439	4.24526179
0.2697088	0.27889561	0.28078837	0.28562677	0.2900427	0.28285109	0.28141238	0.28415929
0.74205572	0.81901964	0.79329711	0.80741044	0.72468748	0.74030997	0.75141425	0.77133802
11.3432505	11.6632677	11.2829215	11.3904951	11.492277	11.2375793	10.4843291	10.7386768
0.25965329	0.2527623	0.24623492	0.24662385	0.25069393	0.25149411	0.25355945	0.24763631
0.29327784	0.27327438	0.2881575	0.28576203	0.28036873	0.24169112	0.24329837	0.25824004
6.74211452	6.57380867	6.41323495	6.60971434	6.36546434	6.46049267	6.25413783	6.23326066
11.4613639	10.5199882	9.44572518	8.50725606	8.65291682	8.58973982	8.95412937	9.56843702
6.89758099	6.54817751	6.50187371	6.51408117	7.12107993	6.67909848	6.60935226	6.77159802
1.09203447	1.01094293	0.96687246	0.98435201	0.98672498	0.99531927	0.90772374	0.91016294
2.19534749	2.2545265	2.13612849	2.14716509	1.93968973	2.05362051	2.30857428	2.2310477
0.00152118	0.0015701	0.00157657	0.00158285	0.00158288	0.00187409	0.00199577	0.0022337
0.00387388	0.0042077	0.00462227	0.00452329	0.00449447	0.00485344	0.00484096	0.00487235
5.02271553	5.08322019	5.31948696	4.85429744	4.46151758	4.19261612	3.89406601	3.70477885
0.06535319	0.08508203	0.08405647	0.08641476	0.0963271	0.09718088	0.08705101	0.09602483
1.23909801	1.30579268	1.2323995	1.18071258	1.07677481	1.20169051	1.22262785	1.25135107
0.26207045	0.2552322	0.25884596	0.26872886	0.26523657	0.2747094	0.30676208	0.26977602
0.10311521	0.10320578	0.08813831	0.10424706	0.08411972	0.08685411	0.08109326	0.075267
0.61117084	0.56774621	0.60651114	0.6631427	0.68076199	0.56194938	0.62548615	0.59262037
0.0090416	0.00901783	0.00913667	0.00911544	0.00903331	0.00835023	0.0083538	0.00844381
1.13496168	1.12713795	1.14195566	1.08706028	1.2101522	1.16818838	1.16760823	1.17362148
0.38835586	0.36278086	0.38631098	0.31540959	0.46361014	0.43858122	0.44801661	0.39758565

1.41775036	1.40840202	1.41708341	1.37975488	1.28280891	1.24362238	1.1480851	1.17669797
0.14399853	0.14332663	0.13983221	0.1368512	0.14229487	0.136948	0.13544783	0.13149873
0.88198843	0.88736038	0.87759112	0.84218731	0.83721842	0.76527586	0.81309853	0.82077579
0.00087212	0.000849	0.00085056	0.00102407	0.00121543	0.00105578	0.00124147	0.00123744
3.05262621	3.16041267	3.46815621	3.50855195	3.69466867	3.81658063	3.85010177	3.84205053
0.70858961	0.67342118	0.65165326	0.54931374	0.52793753	0.48959466	0.48711152	0.49864911
4.97318277	5.03654386	4.87269575	4.9466042	4.91987592	4.99197817	4.27342797	3.83361915
1.1363E-05	1.0062E-05	1.4433E-05	1.5201E-05	1.3534E-05	1.5429E-05	2.7489E-05	2.4697E-05
23.5724312	23.9942627	24.2557718	25.2678964	24.9257656	25.3208191	25.2220305	24.5311459
0.46167937	0.48775965	0.45551603	0.42499443	0.40587072	0.37657343	0.34350733	0.34959171
3.07263873	3.12399152	3.04581903	3.37508411	3.54535693	3.60003915	3.77740954	4.05366011
0.02320852	0.02229603	0.02310766	0.02140056	0.02287751	0.02260127	0.02456319	0.02275063
7.30132739	7.46784096	7.54643387	7.63590542	7.82047104	8.19801334	7.99165945	8.48080618
3.13721102	3.34417355	3.49763296	3.69818899	3.83047963	3.95950782	3.41029156	2.7567453
2.8157229	2.85524881	1.36519131	2.81236216	2.29746113	2.37695821	2.97248073	2.63989492
1.1433796	1.2306335	1.32569539	1.40080841	1.53799685	1.57929481	1.6476502	1.67916966
0.02200052	0.02147905	0.019977	0.02025537	0.02020695	0.01894829	0.01943723	0.01728053
0.09574577	0.1002999	0.09303662	0.09536082	0.10012664	0.11950985	0.08773142	0.0796631
0.61585915	0.62736214	0.58419289	0.68316457	0.66543786	0.71910028	0.71360994	0.68713072
6.1927816	6.05821499	6.56679575	6.97815013	6.64598565	6.70399926	6.5804587	6.72616541
1.28071123	1.26940748	1.31773941	1.37201061	1.43863338	1.59249408	1.56963858	1.52949366
0.05930149	0.05906801	0.05885267	0.05162723	0.05899857	0.05926998	0.05891729	0.06008155
2.8292796	2.96234664	3.09669029	3.27224694	3.41644758	3.58688574	3.77353675	3.95110471
11.0674752	11.3750909	11.3173003	11.9510844	12.2088575	12.3280544	12.9949238	12.9292691
2.05107733	2.02949604	2.0807286	2.07284945	2.26391873	2.29402047	2.27835211	2.30700734
6.47602356	6.41323808	6.22624942	6.0144366	6.03858602	5.73232861	5.66709058	5.48780887
1.61027035	1.62772574	1.62284588	1.60013454	1.58332819	1.57436532	1.5306046	1.54629363
2.70994498	2.72833445	2.75225794	2.84133294	2.73439329	2.75331744	2.77398652	2.75927931
8.83883813	8.6417718	8.64292056	8.57478259	8.82174142	8.99878539	9.23370775	9.70258584
0.2118939	0.22069855	0.22814821	0.23730807	0.25035727	0.25158119	0.26048282	0.2648315
23.7827266	24.0645587	24.8974997	25.2233655	26.2120484	26.8129056	27.2071244	27.9233124
0.65617334	0.6486179	0.61663108	0.64019346	0.63297513	0.63904291	0.70444562	0.7083124
3.88685887	3.94870628	3.98944783	4.22625967	4.33381464	5.23334749	4.49895098	4.68147293
6.20426565	6.88316243	7.46629028	6.71775958	7.2973976	7.48448485	7.62617426	7.59106612
0.23994832	0.27345612	0.23045956	0.31139305	0.28350934	0.33389402	0.27166627	0.26505344
14.8731115	14.8820706	15.4280435	14.6770502	14.4113073	14.1936488	13.9941166	14.5657015
0.20549396	0.20101136	0.20540056	0.19777826	0.19702806	0.19736606	0.19487025	0.19411527
1.21128932	1.00669462	1.3777292	1.38551652	1.53760551	1.64387769	1.72986068	1.65024066
2.34515154	2.39737638	2.33155337	2.38221815	2.36134654	2.31229047	2.14248782	2.10555666
3.9029849	3.96972314	3.82087808	3.81080863	3.76811078	3.81677951	3.90229985	3.77129642
0.01044408	0.01040413	0.01010671	0.01074678	0.01131851	0.01235698	0.01103091	0.00989001
0.07679712	0.05168131	0.05154034	0.04756745	0.05095258	0.05042361	0.04013605	0.04219708
0.04439333	0.04516054	0.04729619	0.04639069	0.04671452	0.04716217	0.04854397	0.04940393
6.11281824	6.08976294	6.11026199	5.75983104	5.30353537	5.16007849	5.45861475	5.00454972
39.1133746	36.7149292	33.0121421	28.2046912	32.7347938	33.1977065	32.9511795	32.2011214
0.25455163	0.29133972	0.30386068	0.33466429	0.38799491	0.39613197	0.42405666	0.44181674
2.03125056	2.17983844	2.39604361	2.18367135	2.21059896	2.39795125	2.56605985	2.58664801
2.61182763	2.81393935	3.08224911	2.94903282	2.62818307	2.30183046	2.69724902	2.60768117
17.775097	18.5785234	17.8442665	19.7765492	20.31412	21.3016433	22.7200297	22.9710846
1.76830542	1.85556293	1.80865806	1.90598817	2.02580172	2.05460913	2.12841537	2.11070532

0.00505843	0.00598383	0.00498188	0.00478848	0.00481762	0.00484082	0.00507082	0.00625836
0.00062225	0.00061972	0.00057751	0.00059244	0.00058472	0.00057105	0.00057108	0.00057456
0.01235308	0.01252986	0.01223271	0.01258877	0.01298863	0.01291824	0.01272974	0.01258932
0.27613973	0.26618076	0.24589312	0.2445823	0.21888403	0.19977552	0.1922689	0.1954668
0.79855667	0.96212225	0.99100109	0.87759219	0.91698544	0.86363837	0.9013075	0.87729017
4.43848579	4.55242191	4.63944708	4.52329604	4.48304203	4.57043437	4.66861463	4.70461336
2.207E-05	3.9229E-05	2.7597E-05	3.0845E-05	3.3858E-05	8.9155E-05	0.00010363	0.00011656
0.00294027	0.00301135	0.00306252	0.00306641	0.00312692	0.00328166	0.00366583	0.00413259
0.10809118	0.1124816	0.13856251	0.13695146	0.12101898	0.16999366	0.09405472	0.06731872
1.16186875	1.22100291	1.19369511	1.18602931	1.00059509	1.03653054	1.09130085	1.06443768
0.55176909	0.49323496	0.53137054	0.64778771	0.64975931	0.66543885	0.64652881	0.66859334
3.47148504	3.58464388	3.57720843	3.4743059	3.42894001	3.39147933	3.3535383	3.32025675
0.36588321	0.38097565	0.37914854	0.37015339	0.37208949	0.3685542	0.33202208	0.33102574
0.00494327	0.00469415	0.00486695	0.00468582	0.00457156	0.003588	0.00236685	0.00249052
2.75542655	2.78252396	2.85122235	2.94239946	2.94865986	2.86665692	2.57754615	2.80060051
4.97911214	5.13101944	5.08550165	5.59416109	5.92841987	6.1125371	6.39019722	6.68419164
0.29067374	0.34101356	0.35183372	0.39379681	0.40509231	0.41688337	0.44508121	0.4453244
11.9010942	11.8177953	11.3200058	11.3431147	11.7696816	10.9757787	11.2935161	11.4139172
0.92865625	0.87699579	0.93992021	0.83716126	0.73346982	0.77517205	0.75796617	0.87117614
1.05607523	1.03361882	1.67609503	1.33281979	1.55115322	1.75833565	1.97569717	2.21171697
0.13087068	0.13447942	0.13433538	0.14246333	0.11881264	0.12800291	0.15240945	0.15156411
0.0169934	0.01718715	0.01687488	0.01685603	0.01733222	0.01817077	0.01806496	0.01834403
0.07942657	0.09585375	0.09364965	0.08849738	0.08873868	0.09894604	0.10770646	0.11009774
1.0358563	1.1993519	1.13963858	1.23665493	1.26769716	1.28831144	1.25726189	1.24107526
13.8548245	14.5713865	14.6249763	15.713897	16.044118	15.066897	13.9308771	14.113742
2.74784473	2.74860483	2.46612592	2.53200973	2.26508407	2.28779808	1.99154503	1.9653385
7.01818019	6.37665046	6.33251213	6.75745452	7.6430149	7.70500942	7.67848109	7.89644865
2.92692456	2.97172509	3.0494326	3.15244011	3.25265013	3.33987727	3.45132851	3.60606965
14.9162244	13.3611996	12.0816263	10.2975611	9.74775255	9.21537022	9.26120553	9.41440727
5.27070684	5.42415047	5.31483073	5.18027701	5.08117927	4.96218099	5.0154331	5.11521561
124.313847	127.382332	127.660579	128.402137	127.314648	124.191671	125.264822	124.530081
3.45458409	3.25493242	3.1896522	3.27947035	3.31754961	3.33936821	3.39099478	3.51825493
0.00608208	0.00603652	0.00607014	0.00612429	0.00607118	0.00599908	0.00595907	0.00587521
6.91198211	6.93755506	7.15568516	7.15363715	7.2297792	7.64005368	7.8543263	8.05598321
0.0021691	0.00216639	0.00217379	0.00219939	0.00220528	0.00222483	0.00223141	0.00224689
10.3085178	11.5489004	11.2246805	12.8580983	13.1659018	13.9534675	12.8241128	13.9994485
0.08887527	0.09023071	0.09098083	0.09176496	0.09262095	0.08797301	0.08187803	0.08150254
0.02619215	0.02641577	0.02646359	0.02697055	0.0271071	0.02741274	0.02967669	0.02982549
1.30344652	1.35349816	1.41172584	1.48858918	1.52161237	1.56950418	1.65218302	1.66415738
10.9193358	11.3783933	11.5317278	11.7527498	11.709146	11.6742505	11.6765523	12.1497031
4.73771123	4.71619777	4.65356622	4.86187411	4.8339186	4.74585455	4.9384373	4.76159415
2.76102481	3.40397203	3.3625125	3.57118574	3.8730826	3.96079136	4.02348892	3.5234952
0.00047741	0.00033748	0.00057983	0.00068698	0.00056957	0.00020279	0.00020153	0.00017629
0.01266655	0.01306276	0.01432783	0.01465574	0.01523639	0.01309611	0.01338398	0.01385449
0.13705554	0.13936605	0.1407427	0.14254209	0.14484486	0.14547835	0.14706829	0.1488052
1.4371E-07	1.4177E-07	2.0893E-07	2.9889E-07	7.2904E-07	5.884E-07	6.7263E-07	5.8874E-07
0.01485971	0.01456829	0.01366748	0.01291938	0.03074857	0.03062903	0.03125826	0.03456669
0.00032457	0.00033531	7.196E-05	7.3229E-05	7.4498E-05	7.8011E-05	7.9288E-05	7.8329E-05
0.00116507	0.00088759	0.00089386	0.00086121	0.00086371	0.00088628	0.0009477	0.00079979
0.81921324	0.86576362	0.84791542	0.81056392	0.82292751	0.79824383	0.74950865	0.75410876

0.00160975	0.00098848	0.00103068	0.00103847	0.00095873	0.00115759	0.00100654	0.00131993
0.00026972	0.00028389	0.00031704	0.0003767	0.0003104	9.4216E-05	9.0079E-05	8.0508E-05
0.47661596	0.47391443	0.49037222	0.49698625	0.5056082	0.51357918	0.51715288	0.57789082
0.1768196	0.18566351	0.17733368	0.17415609	0.17724817	0.17057817	0.17600353	0.17006684
0.03557439	0.0369953	0.00349993	0.00379287	0.01806913	0.0337911	0.02781326	0.02276962
0.10239322	0.10578582	0.10666862	0.109762	0.11315377	0.11457529	0.11684915	0.11878868
0.21635172	0.24745123	0.23693644	0.23207181	0.21551002	0.20087962	0.20482035	0.18271606
0.06292543	0.07169093	0.07100832	0.06949932	0.06447809	0.04799063	0.05002468	0.05187029
0.16012952	0.15945951	0.16001794	0.16233419	0.1609676	0.15957817	0.16480818	0.16500094
1.09911161	1.08499957	1.10952897	1.13354104	1.16921784	1.17302308	1.24135205	1.26571106
0.09664246	0.10848041	0.09873253	0.10611	0.10374304	0.10671669	0.09794021	0.10568031
0.00021366	0.00024848	0.00040295	0.00054919	0.00021742	0.00023385	0.00024904	0.00025725
0.00203497	0.00233852	0.00246815	0.00316634	0.00242823	0.00102125	0.00104626	0.00091547
0.00937398	0.00851642	0.01016407	0.0098268	0.00986589	0.01044743	0.0106919	0.01051898
0.21904874	0.21274953	0.20465849	0.19884497	0.18637089	0.23219716	0.21734687	0.21281741
0.00181892	0.00179655	0.00195587	0.00202706	0.0019643	0.00134547	0.00134781	0.00132275
0.00029348	0.00031755	0.00034415	0.00040891	0.00033694	0.00010458	0.00010111	8.8959E-05
0.02886612	0.02695318	0.02565181	0.02462347	0.02361209	0.08834711	0.08561604	0.08178556
1.73549624	1.79301288	1.85499098	1.79728528	1.85046799	1.79999286	1.94067859	1.95853294
0.00076046	0.00077273	0.00093536	0.00112409	0.00096335	0.00034636	0.00033627	0.00029237
4.4855E-05	4.5874E-05	0.00038218	4.6029E-05	4.6029E-05	4.157E-05	3.5783E-05	3.5079E-05
0.0374778	0.0377705	0.03842669	0.03933024	0.0399008	0.04002587	0.04032853	0.0414402
0.0266697	0.02659725	0.02700522	0.02742831	0.02851661	0.02756432	0.03195482	0.0318388
0.04513921	0.03872079	0.03917701	0.03920784	0.03039315	0.03014784	0.02990466	0.02987731
0.96781824	1.0119621	1.04499552	1.04079127	1.0585564	0.98730523	0.8686439	0.77948333
0.05757732	0.06264087	0.05626468	0.05842146	0.09235668	0.05241524	0.05457012	0.05252819
0.11544937	0.12214826	0.128783	0.12651963	0.12909043	0.13033526	0.13234364	0.13321718
16.1782605	13.8134694	16.2358943	16.7097693	17.3636154	12.1678427	11.9677127	12.1343015
0.10463354	0.10719286	0.1124892	0.11103331	0.12080857	0.12247412	0.1223982	0.1230865
0.18417314	0.18939442	0.19491686	0.20035746	0.20540747	0.21016253	0.21453522	0.22780461
0.38710181	0.39945175	0.41219525	0.4256913	0.43810125	0.44392742	0.46102979	0.47716331
0.01440126	0.01502207	0.01511969	0.01487855	0.01391526	0.00931428	0.01028979	0.01153591
0.00014953	0.00014595	0.00018206	0.00017851	0.00017527	4.2468E-05	4.0091E-05	1.9914E-05
0.31137875	0.32455404	0.26218596	0.26203765	0.25374047	0.25110219	0.2436389	0.24387593
0.00309873	0.00317088	0.00322997	0.00331882	0.00358037	0.00372656	0.00374862	0.0038531
0.0023626	0.0024141	0.00247009	0.00249065	0.00268958	0.00311951	0.0037048	0.00377041
0.02421469	0.02787374	0.02460335	0.02472565	0.02869152	0.03749	0.04218518	0.03605555
0.09735312	0.10970504	0.11020393	0.10369137	0.10498609	0.08836993	0.08110763	0.0653226
0.00019538	0.00020566	0.00022292	0.00026486	0.00021825	9.1738E-05	8.886E-05	7.6857E-05
0.00050731	0.00056198	0.0005072	0.00053795	0.00052252	0.00047949	0.00048161	0.00059055
0.33627029	0.20416604	0.16545323	0.15914774	0.1905377	0.19388193	0.19093562	0.17980198
0.93629782	0.9725001	1.01383158	1.01193803	0.42221049	0.42288957	0.45469899	0.42900295
0.0082868	0.00790737	0.0078472	0.00710215	0.00742738	0.00655911	0.00654317	0.0066636
0.00015763	0.00015976	0.00016921	0.00018026	0.00016749	0.00011166	0.00011336	0.00010584
0.12995094	0.13724027	0.14099354	0.13419791	0.13915397	0.14162836	0.14103999	0.14325741
0.03117654	0.033366	0.03621693	0.02918925	0.02995092	0.03289409	0.03695766	0.03807877
0.00425842	0.0043283	0.0043499	0.00469932	0.00490306	0.00501478	0.00509656	0.00555628
0.02353096	0.02342191	0.02211333	0.0206962	0.01876232	0.02045591	0.02182508	0.02035158
0.04081222	0.04063401	0.04202217	0.04189899	0.0411738	0.04153089	0.04123051	0.04144373
0.05626706	0.05783363	0.05958017	0.03927735	0.0404576	0.04167429	0.0455	0.04689614
0.00048172	0.00042362	0.00041027	0.00032527	0.00032277	0.00039643	0.00039746	0.00050783



0.62672802	0.63368461	0.63390774	0.57414844	0.61865042	0.72159898	0.68755371	0.67679619
0.02842181	0.03344291	0.03346939	0.02940687	0.02199608	0.02488773	0.0371747	0.03916346
1.43530217	1.4829346	1.53083096	1.5790079	1.62750502	1.67741266	1.73022336	1.78226224
0.20388727	0.21086516	0.20769479	0.21124947	0.18818563	0.18290908	0.18895078	0.1894457
0.00386424	0.00388946	0.00478338	0.00456359	0.00481396	0.00132404	0.00134457	0.00108771
2.8845E-05	2.2837E-05	3.325E-05	2.5886E-05	2.3437E-05	1.6155E-05	1.6551E-05	1.55E-05
1.31766046	1.36585611	1.31323427	1.32848861	1.31376217	1.29270898	1.31619835	1.28513158
7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08
0.03163485	0.03240377	0.0338183	0.03420038	0.03457845	0.03503387	0.03584164	0.03703342
0.33661233	0.36223476	0.34218444	0.34891333	0.30869787	0.29043844	0.27295736	0.24900885
0.03848018	0.07869924	0.06192019	0.05776846	0.04846377	0.04134792	0.03520552	0.03584861
0.15221842	0.15744538	0.16126833	0.17160082	0.17898157	0.14469275	0.13559668	0.09494117
1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08
0.17758798	0.17984552	0.17087212	0.16842698	0.17823547	0.17555579	0.174626	0.17541596
0.00118054	0.00122402	0.00133962	0.00155102	0.00132006	0.00055974	0.00056453	0.0005049
0.00852955	0.00835731	0.0083413	0.00830042	0.00876149	0.01030272	0.01032427	0.01047325
0.03010143	0.02995242	0.02978421	0.03082386	0.03326696	0.03403417	0.03422347	0.0347477
0.00431232	0.00433353	0.00438427	0.00436432	0.0043689	0.00435692	0.00434633	0.00432638
0.28503261	0.29305645	0.29324735	0.29413331	0.2937453	0.29504857	0.29999685	0.3262556
9.1223E-05	0.00010337	0.00014906	0.00015079	0.00012426	3.986E-05	3.9629E-05	3.4E-05
0.12935734	0.1306085	0.13325057	0.13495902	0.15804608	0.15873178	0.14381416	0.1841086
0.0012496	0.00130094	0.00140556	0.00160282	0.00154638	0.00092456	0.00098967	0.00100015
0.02095637	0.02221713	0.02544646	0.02345525	0.02863149	0.02474011	0.02625806	0.02716391
0.00128772	0.00123623	0.00119486	0.00109411	0.00119911	0.00112303	0.00117713	0.00128592
0.05544219	0.05555913	0.06351124	0.06383036	0.04439876	0.05014769	0.04943825	0.05093793
0.11690416	0.12054604	0.11429719	0.12722333	0.11386896	0.11384511	0.11255673	0.10534786
0.05080939	0.05178423	0.05277463	0.05374205	0.05473021	0.05592377	0.05693138	0.0576274
0.150364	0.15057922	0.143669	0.14552587	0.14407265	0.13747112	0.12049861	0.12528588
2.13636303	2.18402149	2.22586582	2.30213252	2.5730934	2.71926786	2.79043587	2.79764058
6.2985284	6.44891872	6.54702886	6.58853862	6.78082741	6.76400491	6.63700326	6.70930017
0.11647543	0.0981304	0.09923452	0.09973129	0.10164533	0.10421078	0.10548729	0.10562468
1.2586139	1.24427756	1.22285319	1.28047178	1.19283965	1.16413927	1.13651153	1.06782432
0.00806055	0.00799284	0.00812121	0.00838405	0.00844088	0.01056497	0.01100191	0.0109469
0.00332638	0.00381719	0.00374431	0.00366758	0.00363357	0.00352355	0.00333818	0.00315491
0.00592216	0.00606678	0.00649575	0.00638469	0.00617042	0.00694656	0.00764151	0.00710093
0.84876228	0.85394496	0.83447798	0.83827183	0.82251194	0.8183133	0.84154244	0.87881692
0.00456365	0.00458243	0.00453896	0.00459606	0.00454428	0.00425704	0.0045503	0.01283632
0.00404786	0.0039171	0.00422479	0.00392513	0.00411858	0.00466069	0.00435679	0.00431649
1.13483546	1.18752761	1.16539473	1.13937291	1.16162756	1.24028944	1.27165397	1.30407449
0.24832233	0.16185881	0.16248579	0.18184717	0.13282231	0.18578127	0.16371058	0.1746503
0.23848673	0.2470273	0.2511378	0.26087895	0.26385258	0.26992022	0.27465385	0.27838473
0.00088852	0.00107344	0.00109313	0.00160439	0.00085234	0.00105055	0.00066983	0.00069581
0.06621124	0.06816654	0.06996726	0.07155756	0.07314415	0.07459628	0.0755853	0.07680193
8.2454E-05	8.162E-05	9.6391E-05	9.5463E-05	9.4556E-05	4.7701E-05	4.4464E-05	5.1697E-05
4.9268E-05	6.0504E-05	6.5568E-05	7.7905E-05	6.4194E-05	3.4538E-05	3.443E-05	3.1004E-05
0.83841415	0.88646388	0.97260181	0.79632044	0.85831089	0.91558885	0.94867929	0.8953003
0.00033962	0.00029555	0.00027118	0.00027118	0.00026797	0.00027494	0.00028566	0.00028497
0.05562502	0.0560221	0.05684065	0.05694331	0.0570114	0.04768342	0.04881809	0.04996866
0.01180962	0.01045568	0.0122314	0.00767784	0.00847731	0.00775484	0.00921231	0.0085526
0.04261569	0.04490989	0.04965497	0.055775	0.06538777	0.07296962	0.07520639	0.0782952

0.00769119	0.00800976	0.00826827	0.00836338	0.008774	0.00889363	0.00983082	0.01000413
0.00023978	0.00024752	0.00026119	0.00028835	0.00025977	0.00016685	0.00017125	0.00015249
0.14546155	0.14742938	0.14888352	0.14692875	0.14396531	0.14617363	0.14625349	0.14022146
0.0801716	0.07997087	0.07980784	0.08002141	0.08178242	0.08244695	0.08239641	0.08272862
0.05550602	0.05833752	0.04909386	0.04587133	0.03949657	0.03739612	0.03682292	0.03757133
0.00452285	0.00510787	0.00540746	0.00553816	0.00584257	0.00753497	0.00836901	0.00810363
0.05908328	0.0615516	0.06036372	0.05836247	0.05638665	0.05453933	0.05847348	0.05764726
0.00418166	0.00466743	0.00599054	0.00628633	0.00651906	0.00112112	0.0011211	0.00110505
0.14939573	0.15035784	0.1511434	0.15913063	0.16708007	0.16767801	0.17407689	0.17649019
0.07170203	0.05667132	0.05237348	0.03928091	0.02888834	0.02267945	0.02397531	0.02886731
0.09403708	0.09586059	0.09814671	0.10047308	0.10305172	0.10540015	0.10847919	0.1053728
0.00125379	0.00123733	0.00132769	0.00142385	0.00140208	0.00057238	0.00049773	0.00053401
0.81118451	0.85001215	0.89022648	0.91661784	0.93430299	0.93617718	0.90025456	0.88197661
0.04451887	0.02987239	0.02488891	0.0131837	0.01653415	0.0135268	0.00944952	0.00903791
0.06751856	0.06768494	0.06725966	0.06782417	0.07165768	0.07263877	0.07282512	0.07370353
0.00014579	0.00024123	0.00020042	0.00012038	0.00015495	0.00010969	0.0001086	0.00012341
0.41883829	0.40570198	0.42385407	0.44684585	0.46044207	0.42754864	0.43924715	0.43898255
0.00831284	0.00814108	0.00804986	0.0072007	0.00912986	0.01068618	0.0120032	0.0119589
0.18169963	0.17544811	0.1796691	0.22282002	0.22826895	0.25889571	0.2189128	0.23966423
0.02884772	0.02800314	0.02776261	0.02669014	0.02830838	0.02559292	0.02585026	0.0266699
0.00122127	0.00127871	0.00139404	0.00161624	0.00136168	0.00055023	0.00053609	0.0004774
0.00096153	0.00088287	0.00082072	0.00078972	0.00104582	0.00104893	0.00103984	0.00103433
0.07995968	0.07702124	0.07659275	0.07750585	0.08170397	0.08198287	0.08109418	0.08181043
0.01439762	0.01577944	0.01283659	0.01110361	0.00967524	0.00999123	0.00949915	0.00949833
0.00865458	0.0489236	0.04567372	0.0463517	0.04553348	0.04592394	0.06228715	0.05387063
0.00432642	0.00453018	0.0057076	0.00553059	0.00523586	0.00111779	0.00106612	0.00108404
0.06420823	0.0664978	0.08465005	0.08652181	0.08885505	0.05275141	0.05462389	0.05645798
2.54988782	2.61282472	2.67606008	2.74279455	2.80792137	2.88091203	2.95415627	3.02558933
0.04088324	0.04090278	0.04121154	0.04187346	0.04150039	0.04204644	0.04225507	0.04341501
0.15249301	0.14763807	0.14407704	0.14374806	0.15173336	0.153294	0.15350089	0.14750907
0.20453788	0.2232321	0.22603276	0.23228905	0.22450725	0.07436678	0.08035041	0.08173386
0.44110434	0.45068099	0.46292449	0.47347306	0.48334121	0.47070636	0.48024966	0.49332566
0.07161434	0.07335394	0.07710389	0.07576531	0.0818654	0.08509458	0.08987099	0.09983451
0.00130433	0.00142812	0.00174012	0.00186027	0.00165179	0.00167024	0.00211139	0.002085
1.03082215	1.05009535	1.06212545	1.0850659	1.11862787	1.1217796	1.12994632	1.13770217
0.01427939	0.01561114	0.01576934	0.01594802	0.01600444	0.00788621	0.00783789	0.01453788
0.16388305	0.16571988	0.15844402	0.16019931	0.18147101	0.15499593	0.13755309	0.13362598
0.2942515	0.28411317	0.27631191	0.26530865	0.25672513	0.24434973	0.23370148	0.22404117
0.00775366	0.00694507	0.01006503	0.00840349	0.00897138	0.00133902	0.00135668	0.00077347
0.06008512	0.05988377	0.06193841	0.06139679	0.06110223	0.05389124	0.05391115	0.05450435
0.97681707	1.04253657	1.1303291	1.01403693	1.03069041	1.07679124	1.03945618	1.04800768
0.00876212	0.00922018	0.00998702	0.01184364	0.00976741	0.00544061	0.00551368	0.00506312
0.09309729	0.08652559	0.08379956	0.08067512	0.08665535	0.08999348	0.09027847	0.08680533
0.18513324	0.18760607	0.20294165	0.22375866	0.23500927	0.25747878	0.1916025	0.17792782
0.04608868	0.04731344	0.04946423	0.04322862	0.0437566	0.04375716	0.04720506	0.04432623
0.00243769	0.00233323	0.0029634	0.0029086	0.00285477	0.00053767	0.00058733	0.00055921
0.00025035	0.00025982	0.00025542	0.00026024	0.0001618	0.00017319	0.00019961	0.00017315
0.00650457	0.00591599	0.00565114	0.00545098	0.00555507	0.00550289	0.00545845	0.00559816
0.21449838	0.24944491	0.30658489	0.27387886	0.19961851	0.19455824	0.14319762	0.13937685
3.29189794	2.39428025	2.37043117	2.06483473	2.17251978	2.16544592	2.1794592	1.63257837
0.10132423	0.10887025	0.13810014	0.12677885	0.13185561	0.08913664	0.08913795	0.08916099

0.00255342	0.00254985	0.00254935	0.00243814	0.00259915	0.00278871	0.00266544	0.00271678
0.10177674	0.04322342	0.04289462	0.04456292	0.0438438	0.05611797	0.05719135	0.06002089
0.13812748	0.14823705	0.15227314	0.15637342	0.21604085	0.19587285	0.18869376	0.21303133
0.02481819	0.02506561	0.02761961	0.03055945	0.03258375	0.0222736	0.0228103	0.02315455
0.00027045	0.00028731	0.00036154	0.00026546	0.00026514	0.00027078	0.00027204	0.00030102
3.9744E-07	3.2119E-08	3.631E-08	2.9889E-08	2.7247E-08	2.5502E-08	2.5469E-08	2.4667E-08
0.00189541	0.00188113	0.00202114	0.00200751	0.00199199	0.00147242	0.00147076	0.00147763
0.07351479	0.07199498	0.07642616	0.07839205	0.08411601	0.08519748	0.08438339	0.08461273
0.0442572	0.04459168	0.04515814	0.04556557	0.04589133	0.01174502	0.01268045	0.01366701
0.12095965	0.12381669	0.12834058	0.13321162	0.14475802	0.14828853	0.15289059	0.1579686
5.0149E-05	5.2379E-05	3.5936E-05	5.2434E-05	4.455E-05	1.8114E-05	1.7584E-05	1.6499E-05
0.00160658	0.0015781	0.00158532	0.00156957	0.00166157	0.00166154	0.00165464	0.00168866
0.00144545	0.00146373	0.00158717	0.00176162	0.00157847	0.01500812	0.0124141	0.02637983
0.04782753	0.04490689	0.04220991	0.03893778	0.03544891	0.03169627	0.0327193	0.02841344
0.01362954	0.01492857	0.01439422	0.03726504	0.03775367	0.04787671	0.0523924	0.04678776
0.15173178	0.16195772	0.16127428	0.18122162	0.1417951	0.13336384	0.13907202	0.15127276
0.02587604	0.02548807	0.02548205	0.02498751	0.02423743	0.02279008	0.02220521	0.02174111
0.00135158	0.00119838	0.00118661	0.00089637	0.0009046	0.00156894	0.00168476	0.00148998
0.11229872	0.12936047	0.12977899	0.13430754	0.12869043	0.13153573	0.12212302	0.13136346
1.551E-05	1.6351E-05	1.7017E-05	2.053E-05	1.9112E-05	2.0662E-05	2.1301E-05	2.2768E-05
0.08129142	0.08178753	0.08254038	0.0851363	0.09121589	0.09285226	0.09334109	0.09513594
0.02617025	0.02672479	0.02684894	0.02714942	0.03122822	0.03207907	0.03271402	0.03356184
0.61694996	0.67036315	0.95429223	0.92428047	1.0229584	1.01654564	1.03576351	1.09733399
0.00267367	0.00210038	0.00233216	0.00266679	0.00221176	0.00175425	0.00202955	0.00230313
0.01404218	0.01458778	0.01491774	0.01613078	0.01737924	0.01574097	0.01570559	0.01706667
0.00191508	0.0018292	0.00178435	0.00175255	0.00171996	0.00168589	0.00161574	0.00157588
0.0004151	0.00045442	0.00058205	0.00057989	0.00055939	9.3226E-05	8.5262E-05	8.4973E-05
0.00071902	0.0006718	0.00074988	0.00074092	0.00068587	0.00086999	0.00085423	0.00085264
0.10531451	0.10970052	0.11398079	0.11838186	0.12247559	0.14590387	0.151435	0.14191281
1.16068112	1.19494403	1.19261068	1.17324868	1.18236038	1.1715322	1.14677069	1.21927403
0.015509	0.01794643	0.01621158	0.01708525	0.01948636	0.02167178	0.02433272	0.0244571
0.3631779	0.36783769	0.37146109	0.38921023	0.41607232	0.43281775	0.44770024	0.46476489
0.2235426	0.22931587	0.2336884	0.23624837	0.23876336	0.24212862	0.24734576	0.25435411
0.61028428	0.46694693	0.54712601	0.48944847	0.40819562	0.41650021	0.39190819	0.4298847
0.06807447	0.07256581	0.06897324	0.07197868	0.07089083	0.06909972	0.06647795	0.06389008
6.58718937	6.87059542	6.59354458	6.37380594	5.99348606	6.38541569	6.26390964	5.86038799
0.03464824	0.34604018	0.36465663	0.0250245	0.02627535	0.02843076	0.02729419	0.03000097
0.00019422	0.00018927	0.00021463	0.00024249	0.00021867	0.00011726	0.00012091	0.0001158
0.03403144	0.03559393	0.03638751	0.03572219	0.03626573	0.03564969	0.0418301	0.04580078
3.9146E-05	4.8609E-05	5.2872E-05	6.0431E-05	5.2524E-05	3.0721E-05	3.0822E-05	2.8887E-05
0.46828997	0.48188225	0.4992552	0.50964011	0.52074427	0.5370412	0.54837175	0.56151365
0.00040016	0.00039608	0.00043712	0.00043314	0.00106307	0.00091989	0.00092102	0.0009245
0.00111623	0.00110531	0.00121356	0.00120291	0.00119158	0.00079425	0.0007925	0.00079127
0.06772931	0.0786596	0.09129884	0.10585415	0.12296337	0.14311251	0.1590653	0.18661156
0.7096184	0.73697981	0.70551774	0.65774937	0.63417925	0.5709283	0.55696289	0.54252668
0.11713847	0.11828709	0.12144875	0.12394088	0.12803208	0.13240409	0.13593854	0.1390797
0.2607314	0.26438198	0.26673659	0.27079949	0.28631612	0.27388952	0.27402705	0.27554037
3.9833E-06	4.1507E-06	4.186E-06	4.3677E-06	4.4178E-06	9.1313E-06	9.2752E-06	1.0158E-05
0.00198296	0.00216272	0.00235654	0.00250366	0.00266359	0.00283339	0.00292646	0.00293128
0.05763664	0.06752437	0.07035501	0.07558986	0.07633744	0.07202295	0.06995989	0.06806799
8.3013E-05	6.9063E-05	6.6922E-05	6.6188E-05	7.7495E-05	0.00012485	9.7087E-05	0.00012459

0.0001534	0.00014062	0.00879497	0.0090641	0.00870171	0.00877453	0.00916965	0.00686636
0.01729609	0.01832014	0.01613432	0.01451029	0.01411398	0.01537641	0.01404341	0.0126503
0.03121496	0.02696027	0.02793996	0.02776429	0.02831508	0.02508283	0.02591054	0.02580635
0.12261412	0.13163612	0.14102366	0.16030606	0.16573512	0.16533725	0.168477	0.20376448
0.00414049	0.0035165	0.00279731	0.00298716	0.00216932	0.00257867	0.00274363	0.00339653
0.00049807	0.00067901	0.00081424	0.00143288	0.00208114	0.00199254	0.00218406	0.00193133
0.00651109	0.00715531	0.00735207	0.00759574	0.00205323	0.00217066	0.0019391	0.00193753
0.00587947	0.00714109	0.0071795	0.00650253	0.00592879	0.00599731	0.00599245	0.00578609
0.00569098	0.00394261	0.00370259	0.00387392	0.00548487	0.00596479	0.00620475	0.00613252
0.01213978	0.01279199	0.01312298	0.01350755	0.00396237	0.0040519	0.01475847	0.01515682
0.00326134	0.00338334	0.00342693	0.00353316	0.00376062	0.00381752	0.00391548	0.00398553
0.00747407	0.00820133	0.00130776	0.00105417	0.00239591	0.00109387	0.00093686	0.00087965
0.00183264	0.00188547	0.0018721	0.00187754	0.00180355	0.00182728	0.00178646	0.00183501
3.251E-05	3.3657E-05	3.6405E-05	3.6549E-05	3.6467E-05	6.2749E-05	6.1944E-05	6.3922E-05
					0.0074259	0.0074259	0.00645732
0.00259684	0.00180425	0.00281318	0.00249569	0.0018548	0.00280248	0.0025414	0.00256741
2.1767E-05	2.3014E-05	2.4101E-05	2.3981E-05	2.3736E-05	4.1607E-05	4.1056E-05	4.2393E-05
0.00579209	0.00518403	0.00767223	0.00463993	0.00460352	0.00566046	0.00462145	0.00444958
0.52724996	0.53449754	0.57473079	0.51159609	0.4938472	0.45450481	0.45122468	0.48179971
1.7217E-05	1.856E-05	1.8956E-05	1.9945E-05	2.0102E-05	2.1588E-05	2.0465E-05	2.0779E-05
0.00138167	0.0014587	0.00157143	0.00140925	0.00161862	0.00190904	0.0022231	0.0016417
0.00016408	0.00016495	0.0001662	0.00016756	0.00016751	0.00019185	0.00019626	0.00020068
0.00102841	0.00106269	0.00109698	0.00116553	0.00119981	0.00126838	0.00130265	0.00133694
0.00100215	0.00105748	0.00121671	0.00121915	0.00075645	0.00075973	0.00067869	0.00067813
0.05820894	0.0596848	0.06097352	0.06477951	0.0636691	0.06534567	0.06791154	0.06722833
0.00051245	0.00050712	0.00051813	0.00048571	0.0005253	0.00052278	0.00054522	0.00050776
0.01312572	0.01402561	0.01306317	0.01339261	0.01326659	0.01285542	0.01303701	0.01345041
0.62136527	0.61373431	0.6646949	0.73196879	0.69649439	0.74748805	0.77038799	0.77277245
0.02208287	0.02342647	0.02421657	0.02445576	0.0253794	0.02615229	0.02698186	0.02816634
0.01131682	0.01218583	0.01168331	0.01181124	0.01185219	0.01197071	0.01201234	0.01127561
0.01216334	0.01303465	0.0135061	0.0133042	0.01689201	0.02082846	0.02169129	0.02234696
0.0113948	0.01405816	0.01490983	0.01767556	0.01844337	0.01937489	0.01865616	0.01373321
0.01684673	0.01469455	0.0176098	0.02371562	0.02058387	0.03337612	0.02807757	0.03572414
0.00077084	0.00083332	0.00085486	0.00088183	0.00102467	0.00106507	0.00098119	0.00101103
0.00049549	0.00053355	0.00055741	0.00058272	0.00068272	0.00071552	0.00066169	0.00068443
0.00037692	0.00037004	0.00037004	0.0001714	0.0001714	0.0001714	0.00031484	0.0003468
0.00206245	0.00245094	0.00337909	0.00312298	0.00298649	0.00374266	0.00409243	0.00319659
0.00026338	0.00025565	0.00021376	0.00025447	0.00026614	0.00023055	0.00012776	0.00023215
0.00880483	0.01007753	0.00827366	0.00809651	0.00848593	0.00826413	0.00843065	0.00684971
0.06010534	0.05535235	0.05058135	0.05694424	0.05162552	0.04863899	0.0465863	0.04563446
0.00102898	0.00110532	0.00114787	0.00118511	0.00137195	0.00141491	0.00129109	0.00131771
1.018E-05	1.0315E-05	1.0528E-05	1.026E-05	1.1286E-05	1.6751E-05	1.6174E-05	1.6346E-05
0.00268776	0.00284869	0.00280021	0.00250073	0.00349075	0.00300419	0.00317308	0.0027079
0.00378996	0.00361729	0.00344716	0.0030688	0.00337863	0.00323464	0.00308371	0.00317168
0.08574948	0.08402681	0.07255197	0.06498746	0.06536529	0.07073407	0.05921243	0.05563448
0.01464737	0.01635856	0.01524858	0.01426483	0.01382237	0.01379368	0.01429187	0.01317363
0.06157165	0.06373065	0.06456416	0.06260388	0.06424855	0.06485953	0.06364815	0.06397165
0.00394989	0.00419113	0.00432443	0.00250247	0.00257103	0.00260531	0.00274243	0.00281099

0.03104208	0.03317132	0.03511748	0.03655376	0.03746417	0.0184368	0.01838008	0.01648179
0.00194397	0.00194397	0.00195772	0.00262927	0.00242677	0.002599	0.00292742	0.00339025
0.02664097	0.02749798	0.02835244	0.02924118	0.03013247	0.03102376	0.03194933	0.03290918
0.00088221	0.00092276	0.00081903	0.00089211	0.00090725	0.0018616	0.00177948	0.0018561
6.438E-05	6.5793E-05	6.8378E-05	7.0265E-05	7.1737E-05	7.3198E-05	7.3724E-05	7.4242E-05
3.5809E-06	3.6575E-06	3.7631E-06	3.5848E-06	3.4138E-06	7.6325E-06	7.3338E-06	7.3091E-06
0.02645114	0.02885629	0.02797576	0.02745749	0.02901085	0.02496949	0.02581023	0.02203808
0.01608384	0.01803828	0.01659752	0.01941414	0.01853608	0.01868008	0.01910159	0.01841869
0.06112672	0.05708586	0.05795724	0.05569305	0.05153476	0.04621513	0.04731161	0.04800825
1.8969E-06	4.728E-06	2.6443E-05	2.0334E-05	3.3485E-06	4.4195E-06	0.00014128	0.00011181
0.01795159	0.01836423	0.01878694	0.0192847	0.01971136	0.02416272	0.02488516	0.02565197
0.00068588	0.00862504	0.00096056	0.00115499	0.00988892	0.01000649	0.00915272	0.00936394
6.675E-05	7.4466E-05	7.8307E-05	7.8413E-05	7.7433E-05	0.00013191	0.00012886	0.00013176
0.00126471	0.00135489	0.00138833	0.00142574	0.00164276	0.00169319	0.00154876	0.00158454
0.00133922	0.00140068	0.00141945	0.00149584	0.00176552	0.00186261	0.00169927	0.00173396
0.0045962	0.00492036	0.00658379	0.00799109	0.00864855	0.00890646	0.01018933	0.00775273
0.00298217	0.00325739	0.00325062	0.00342938	0.0031212	0.00381015	0.00374143	0.00398263
0.00113493	0.00111151	0.00115499	0.00128887	0.00104924	0.00104131	0.00109869	0.00111412
0.00010578	0.00011396	0.00012469	0.00013515	0.00014322	0.00026079	0.00027069	0.00029416
3.4278E-05	3.4278E-05	3.4278E-05	3.4278E-05	3.4278E-05	3.4278E-05	3.4278E-05	3.4278E-05
						1.2534E-06	
0.00041775	0.00048632	0.00048632	0.00080123				
0.00264175	0.00300127	0.00238129	0.00228961	0.00227445	0.002219	0.00202493	0.00228986
0.02697867	0.0274586	0.02800709	0.02852129	0.02900122	0.02951543	0.02999535	0.03047527
0.00281824	0.00307732	0.00301418	0.00251052	0.00302689	0.00195113	0.00165811	0.00144424
0.12720852	0.12594829	0.1228901	0.11127468	0.09007699	0.08325666	0.082694	0.07773059
0.1719669	0.17262404	0.17321382	0.17437008	0.17729708	0.17821372	0.17912238	0.17853968
0.00026424	0.00027199	0.00027432	0.00032264	0.0003784	0.00041732	0.00048309	0.00054421
0.10466693	0.11097718	0.11047002	0.09445091	0.10280434	0.11214932	0.09915693	0.09635697
0.02923095	0.02804909	0.04359287	0.05048729	0.05906238	0.06358772	0.0638971	0.05795168
0.00407285	0.00319685	0.00374634	0.0056127	0.00531855	0.00572745	0.0058425	0.0054846
0.02199394	0.02169503	0.02297673	0.02516712	0.0233827	0.02519414	0.02571065	0.02657273
0.00129493	0.00129493	0.00132921	0.00132921	0.00136349	0.00135661	0.00139088	0.00139777
0.00089652	0.00099309	0.00101928	0.00105792	0.00101888	0.00095483	0.00084499	0.00096136
0.0325176	0.0333925	0.03425076	0.03469565	0.03534141	0.03430885	0.03323207	0.03381716
0.02293409	0.02465014	0.02977175	0.03350733	0.0298426	0.03509723	0.03612974	0.05184674
0.05087841	0.05236757	0.05384395	0.05535611	0.05689746	0.05850883	0.06008554	0.06171951
3.4759E-06	3.2361E-06	3.3511E-06	2.9706E-06	2.9728E-06	3.0131E-06	2.9797E-06	2.9647E-06
0.0111251	0.01144663	0.01173601	0.01202539	0.01228262	0.01250769	0.01270062	0.01289354
8.247E-06	8.525E-06	8.5894E-06	8.8977E-06	9.0648E-06	9.26E-06	9.444E-06	9.6221E-06
0.01886972	0.02012845	0.02372164	0.02344908	0.02373439	0.02371152	0.02406839	0.02305075
0.02616877	0.02715536	0.03056865	0.02582704	0.02508368	0.02817417	0.02570554	0.02613362
0.0004894	0.00050508	0.0005226	0.00053997	0.00055441	0.00327965	0.00337611	0.00344042
0.00037708	0.00037708	0.00037708	0.00030852	0.00027424	0.00037708	0.00037708	0.00037708
0.00262565	0.00293024	0.00334674	0.00380087	0.00484338	0.00552086	0.00516373	0.00540205
0.05353442	0.05612137	0.04412511	0.03905681	0.03630244	0.03837205	0.03717349	0.03589693
1.2071E-05	1.2534E-05	1.3065E-05	1.265E-05	1.233E-05	2.0736E-05	2.0299E-05	2.0798E-05
0.00091029	0.00122982	0.00118646	0.00103193	0.00085964	0.00191145	0.00187628	0.00174823
0.00218822	0.00227544	0.00229183	0.00235829	0.00273598	0.00283933	0.00259077	0.00264414
0.00098284	0.0012175	0.00153181	0.00176487	0.00134622	0.00146541	0.00183523	0.00180055

0.00017977	0.00011985	0.0001254	0.00034621	0.00031669	0.00021624	0.00023373	0.00026712
6.9834E-05	3.3432E-05	4.6248E-05	4.2451E-05	3.0386E-05	3.5955E-05	3.4899E-05	3.2276E-05
0.00061281	0.00064966	0.00065773	0.00066157	0.0006896	0.00067954	0.00068194	0.0006655
0.00959851	0.0104898	0.01144965	0.01247807	0.01357504	0.01463773	0.01583754	0.01635175
1.523E-05	1.588E-05	1.6707E-05	1.698E-05	1.7349E-05	2.1098E-05	2.1494E-05	2.1911E-05
0.05826853	0.06342924	0.07013944	0.07196548	0.05969897	0.06276762	0.0591457	0.05713739
			0.00103283	0.00129146	0.00129146	0.00161433	0.0009686
0.00253003	0.00270067	0.00280204	0.0028901	0.00335533	0.00348452	0.00321642	0.00332079
0.00735756	0.00747567	0.00770546	0.00766619	0.0047244	0.00427272	0.00527996	0.00612487
0.00044565	0.00044565	0.00047993	0.00047993	0.00047997	0.00075421	0.00085706	0.00095994
0.0102694	0.01049546	0.01049546	0.01085863	0.01085863	0.01129298	0.01246239	0.01269629
0.00335275	0.00357027	0.00369081	0.00386638	0.00452402	0.0047358	0.00439184	0.00455551
5.987E-05	6.6534E-05	6.9766E-05	6.7864E-05	6.6509E-05	0.00011922	0.0001159	0.00011794
6.8561E-05	6.8561E-05	6.8561E-05	6.8561E-05	3.428E-05			
0.01118179	0.0114314	0.01165947	0.0119975	0.0137871	0.01417246	0.01293245	0.01319943
0.02742861	0.02952678	0.03374505	0.03005909	0.03237475	0.03310419	0.03178938	0.02973786
0.0014055	0.00143978	0.00150834	0.00150834	0.0015769	0.00246819	0.00246819	0.00239963
1.277E-05	1.3038E-05	1.3103E-05	1.3041E-05	1.487E-05	1.523E-05	1.5537E-05	1.5834E-05
0.00742042	0.0074547	0.0074547	0.00748898	0.00748898	0.00095985	0.00099413	0.00102841
0.22484161	0.26728795	0.2468591	0.22654877	0.21982841	0.24471537	0.2484299	0.21192586
0.00133762	0.00113194	0.00115831	0.00115831	0.00117652	0.00114096	0.00114606	0.00096044
0.01175855	0.0122932	0.01203202	0.01183397	0.01049009	0.01007123	0.01031837	0.00957772
0.01519525	0.01254765	0.01438537	0.0141043	0.01577657	0.01277679	0.01305842	0.01231528
					0.00023163	0.00033089	0.00033089
0.00116505	0.00118427	0.00114181	0.00109265	0.00116691	0.00109071	0.00110838	0.00113701
0.01869282	0.01990543	0.02213796	0.01902913	0.02053726	0.02153205	0.02326058	0.0239288
0.008204	0.00813528	0.00826969	0.00848521	0.00901454	0.01533801	0.01666208	0.00964905
0.00017142	0.00023757	0.00021207	0.00024635	0.00028191	0.00014479	0.00014479	0.00013102
0.00628669	0.00671592	0.00650268	0.0110407	0.01131799	0.01067792	0.01033124	0.00986384
0.030476	0.03144759	0.03176452	0.03251875	0.03340766	0.0347556	0.03437826	0.03419165
5.7179E-05	5.3199E-05	4.3877E-05	3.7758E-05	4.4725E-05	2.7796E-05	2.6558E-05	1.2791E-05
0.00041146	0.00043494	0.00051361	0.00292455	0.00082228	0.00138201	0.00082585	0.00098134
0.0416762	0.04503294	0.04013171	0.03705016	0.03154701	0.02739548	0.02584781	0.01851486
1.7108E-06	1.6225E-06	1.9937E-06	1.4582E-06	7.7073E-07	5.1663E-06	4.2898E-06	5.7014E-06
0.00449191	0.00463774	0.00473884	0.0048074	0.00481611	0.00489745	0.00499797	0.00506654
0.00483835	0.00483827	0.00522132	0.00444377	0.00530194	0.00468506	0.00502224	0.00464905
0.00723452	0.00681654	0.00713807	0.00707376	0.00546609	0.00546609	0.00559469	0.00672007
0.00964521	0.01333154	0.02386376	0.0238316	0.0262913	0.02811325	0.02402856	0.02343683
0.00040938	0.00042658	0.00043353	0.00043418	0.00048914	0.00051647	0.00046345	0.00046517
0.01886132	0.01949842	0.01954155	0.0141551	0.01003884	0.01217413	0.01046931	0.01037347
0.32914857	0.31042713	0.29761486	0.32788247	0.33043423	0.34913494	0.35982762	0.38203153
0.02474111	0.02515911	0.02731338	0.0069773	0.00726668	0.00726668	0.00726668	0.00726668
0.05630667	0.06120505	0.0629389	0.06109381	0.05697573	0.06011631	0.0582409	0.05972468
4.307E-05	3.9748E-05	3.8601E-05	3.6835E-05	3.87E-05	3.949E-05	3.5409E-05	3.1633E-05
0.07916536	0.07853156	0.07794809	0.07727783	0.07700528	0.07787667	0.08084821	0.08740919
0.01135525	0.01169799	0.01200874	0.01235276	0.01272961	0.01129101	0.01149796	0.01160085
0.01688044	0.01835544	0.01835672	0.01720383	0.01498419	0.01410615	0.0137598	0.01371123
1.4399E-07	1.1515E-07	1.221E-07	1.1787E-07	1.2208E-07	1.6557E-07	1.2777E-07	1.3503E-07
2.7302E-05	2.835E-05	2.9642E-05	3.0633E-05	3.1506E-05	3.2359E-05	3.324E-05	3.4099E-05

0.00690715	0.00727599	0.00809664	0.00855884	0.0101276	0.01074144	0.00983878	0.01007992
0.00060444	0.00060571	0.00060316	0.00060316	0.00060444	0.00060444	0.00063872	0.00060189
0.01590805	0.01719725	0.01819856	0.01902181	0.02238007	0.0235539	0.02268591	0.02363624
0.00019763	0.00020855	0.00021529	0.00022115	0.00025528	0.00026359	0.0002408	0.0002461
0.00028703	0.00029268	0.00030203	0.00029642	0.0002931	3.9419E-05	5.181E-05	7.5714E-05
0.00146285	0.0015828	0.00184134	0.00167063	0.00127688	0.0012781	0.00186051	0.00167313
0.00014829	0.00014951	0.00024348	0.00012262	0.00015733	0.00012381	5.7628E-06	5.7992E-06
0.0034407	0.00343413	0.00295051	0.00323811	0.00352325	0.00350942	0.00300805	0.00238087
0.00082273	0.00085701	0.00089129	0.00092557	0.00099413	0.00102841	0.00106269	0.00109698
0.02844577	0.02824614	0.0269772	0.02579987	0.02594976	0.02667846	0.02060111	0.01674229
2.3739E-06	2.5479E-06	2.5792E-06	2.8019E-06	2.8917E-06	5.1334E-06	5.1729E-06	5.5151E-06
0.00832919	0.00881898	0.00904614	0.00937331	0.01085792	0.01125102	0.01033377	0.0106573
0.01086689	0.01186102	0.01292371	0.01408924	0.01501482	0.0153919	0.01576898	0.01614607
0.12872646	0.11849238	0.11766865	0.11767966	0.11719534	0.11957569	0.12028753	0.1214892
1.183E-06	1.2298E-06	1.1863E-06	8.8421E-07	9.0811E-07	8.7327E-07	8.6335E-07	7.606E-07
0.0044085	0.00634715	0.00449612	0.00722439	0.01027656	0.01039483	0.011627	0.01533884
			0.00022813	0.00058787	0.00082355	0.00044544	0.0003777
7.6152E-06	7.823E-06	8.1852E-06	8.2185E-06	8.2839E-06	8.3781E-06	8.3947E-06	8.4067E-06
0.00220876	0.00310151	0.00263607	0.00208599	0.00197459	0.00204095	0.0024533	0.00254741
0.00649468	0.00667776	0.00685297	0.0073057	0.00792084	0.00792865	0.00815964	0.00842187
0.00722055	0.00753107	0.00807834	0.00838571	0.00809776	0.00820702	0.00778503	0.00808707
0.007306	0.00707173	0.00729386	0.00747754	0.00831663	0.00966682	0.00943174	0.00905014
0.01756941	0.01787793	0.01822074	0.0221287	0.02682512	0.03256638	0.03366335	0.03479461
0.0253675	0.02595026	0.02656731	0.02708152	0.02763	0.02817849	0.02893266	0.02968683
0.01033533	0.00703532	0.00663482	0.00642966	0.00603623	0.00578779	0.00598175	0.00595917
0.0004889	0.00041531	0.00041393	0.00056278	0.00048669	0.00045028	0.00046809	0.00038601
0.25140601	0.25290435	0.25436556	0.25409825	0.24132376	0.24166256	0.23740797	0.24703969
0.00893135	0.01134239	0.01020632	0.01069753	0.00898194	0.01134997	0.01413769	0.0177887
1.2553E-05	1.3151E-05	1.4165E-05	1.3845E-05	1.3655E-05	2.256E-05	2.2067E-05	2.2658E-05
0.04427882	0.04599094	0.05786288	0.07103396	0.07340423	0.077834	0.08476699	0.08042154
8.8517E-07	9.863E-07	1.0571E-06	1.0713E-06	1.1647E-06	2.972E-06	3.0121E-06	3.2559E-06
0.01530055	0.01534644	0.01447061	0.0150681	0.01711356	0.01587237	0.0158932	0.01478549
1.1107E-05	1.1467E-05	1.1857E-05	1.226E-05	1.212E-05	1.2957E-05	1.3303E-05	1.3673E-05
1.2935E-05	1.3144E-05	1.3369E-05	1.3597E-05	1.3711E-05	1.3823E-05	1.3774E-05	1.3722E-05
0.00591054	0.00627024	0.00663362	0.00634542	0.00876811	0.00998047	0.00946647	0.00888897
0.04718192	0.04795093	0.04935443	0.05003521	0.05012929	0.03576298	0.23469547	0.22551481
0.02472025	0.0250868	0.02614156	0.02715593	0.02821071	0.02898943	0.02979262	0.03048443
0.00093952	0.00090589	0.00086105	0.00086105	0.00078258	0.00077137	0.00077137	0.00074895
3.9115E-05	3.1534E-05	3.857E-05	3.2694E-05	3.4665E-05	2.9985E-05	3.01E-05	5.2018E-05
0.00137179	0.0014017	0.0012411	0.00110722	0.0013942	0.00182251	0.0018242	0.00199854
0.00620191	0.00639226	0.00611565	0.0052176	0.00572342	0.00593879	0.00621568	0.00637349
1.9252E-06	1.9795E-06	1.8618E-06	3.0826E-06	3.0329E-06	3.1955E-06	2.8962E-06	2.7337E-06
0.00085982	0.00081307	0.00045477	0.00076181	0.0040139	0.00387514	0.00397395	0.00124447
0.00086928	0.00087568	0.00091403	0.00095238	0.00099712	0.00103547	0.00102908	0.00103547
0.02712237	0.02498943	0.02605871	0.02573056	0.0251495	0.02255825	0.02600047	0.02463659
0.08836967	0.08078927	0.09434759	0.09657657	0.09694233	0.09183356	0.09033885	0.08019373
0.00056195	0.00027462	0.00072052	0.00080259	0.00113714	0.00034148	0.00037805	0.00037728
1.2367E-05	1.1922E-05	1.1151E-05	1.1349E-05	1.2074E-05	7.1497E-06	8.1195E-06	1.9447E-05
0.21248083	0.24636294	0.2625941	0.2433122	0.24958618	0.23831822	0.23651311	0.24596017
0.04374087	0.04205928	0.04788469	0.04384025	0.05340944	0.0535294	0.0578669	0.052305

0.00433909	0.00259968	0.00220873	0.00144241	0.00220259	0.00247301	0.0019097	0.00232596
0.00135444	0.00129516	0.00120123	0.00139735	0.0011849	0.00123119	0.00114639	0.00128074
0.05204376	0.05133889	0.05678854	0.05853386	0.06079805	0.06360791	0.07206334	0.04979581
0.00012723	0.00038294	0.00042887	0.00033517	0.00060631	0.00059872	0.00039376	0.00039426
0.00233781	0.00224527	0.00217398	0.00203806	0.00170427	0.00176713	0.00180374	0.00208756
0.02209718	0.01138335	0.00979516	0.00627189	0.00561091	0.00511925	0.00935353	0.01144868
0.01201743	0.01203571	0.02245724	0.01887215	0.0147597	0.01422124	0.01676556	0.01648888
2.1203E-05	2.54E-05	3.3318E-05	3.525E-05	3.587E-05	3.8518E-05	5.9434E-05	6.1557E-05
0.00055886	0.00056842	0.00058435	0.00041051	0.00041863	0.00043562	0.00037663	0.00044783
0.00158957	0.00078236	0.00172838	0.00131721	0.00118844	0.00512331	0.00504268	0.00573498
0.00541132	0.00636207	0.00649701	0.00692266	0.00667367	0.00483225	0.00502341	0.00484545
0.00270535	0.0027825	0.00291863	0.00196476	0.00202025	0.0022328	0.00174846	0.00174793
1.3456E-05	1.3336E-05	1.2104E-05	1.232E-05	1.3107E-05	7.9365E-06	9.1136E-06	2.1488E-05
0.01779968	0.0159722	0.01678538	0.01763337	0.01846398	0.02970469	0.03062502	0.03210221
1.09382457	1.10615083	1.15696051	1.23600258	1.33411477	1.23880561	1.33171795	1.42892187
0.00090417	0.00095501	0.00099874	0.00074644	0.00083978	0.00091614	0.00078913	0.00074856
0.00043397	0.00049594	0.00057855	0.00042013	0.00035808	0.00030309	0.00024801	0.00026866
0.00420099	0.00432595	0.00364401	0.00313359	0.00401812	0.00560458	0.00518849	0.00570821
0.00145886	0.00201855	0.00196497	0.00366121	0.00311628	0.00299944	0.00339704	0.00368246
0.00055932	0.00046122	0.00042966	0.00040773	0.00025615	0.00027308	0.00026388	0.00030204
0.45718281	0.42912917	0.42564556	0.43624955	0.46699661	0.4858449	0.4416963	0.47418099
0.02736685	0.02647927	0.02312018	0.02283254	0.02664595	0.02627979	0.02759919	0.02566898
0.05438209	0.05710145	0.05994615	0.06003511	0.06473055	0.07197537	0.06585366	0.06707325
3.98035189	3.73420709	3.59166318	3.90741194	3.27772577	3.1509043	3.27023133	3.40488776
0.00093569	0.00108247	0.00126567	0.00103679	0.00156589	0.00154152	0.00151961	0.00138896
0.00308068	0.00307429	0.00302871	0.00300954	0.00306706	0.00310541	0.00310541	0.00323645
0.10607707	0.10900821	0.11298307	0.11608936	0.1194051	0.12134802	0.12499047	0.12938536
7.031E-05	5.7526E-05	3.8351E-05			6.3921E-06	2.5567E-05	1.2783E-05
1.2927E-05	1.2827E-05	1.1761E-05	1.2094E-05	1.3405E-05	2.1145E-05	1.8879E-05	1.1E-05
0.12387461	0.12886945	0.11447188	0.11138472	0.11025784	0.11500219	0.11331811	0.12110834
3.7252E-05	3.7045E-05	3.5031E-05	3.6209E-05	3.1376E-05	4.2226E-05	4.2698E-05	4.7574E-05
3.569E-05	3.8723E-05	3.829E-05	3.7543E-05	3.4155E-05	8.0358E-05	9.1874E-05	0.00010162
0.01104247	0.01137802	0.01091119	0.00912774	0.00931077	0.0128606	0.01051722	0.00923132
0.1383116	0.16107408	0.15885337	0.14252397	0.14765274	0.15466619	0.16146223	0.11440728
8.9583E-06	8.6369E-06	7.8404E-06	7.9801E-06	8.4897E-06	6.9616E-06	8.0096E-06	1.8565E-05
0.00253495	0.00277129	0.00260579	0.00272837	0.0028272	0.00306617	0.00301245	0.00298803
0.06845769	0.0655062	0.06466427	0.06011631	0.05135752	0.06218392	0.05617924	0.05861922
0.18577608	0.17723193	0.16988038	0.15793637	0.14798478	0.14122824	0.13304556	0.13225828
0.00024748	0.00026628	0.00027859	0.00027295	0.00026646	0.00020072	0.00020014	0.00020852
0.00013122	0.00013096	0.00014214	8.9848E-05	9.2287E-05	0.00010102	8.2911E-05	8.1552E-05
0.01629437	0.01599956	0.01583049	0.01551405	0.0151265	0.01489677	0.01542248	0.01321684
0.01885961	0.02095259	0.02224905	0.0208368	0.01986505	0.02249427	0.02266112	0.02602237
0.01075599	0.00920641	0.00770719	0.00856977	0.00884176	0.0082717	0.00815716	0.00929728
0.02468247	0.02736205	0.01862758	0.028476	0.02719599	0.02707954	0.02653511	0.02556599
0.05206046	0.05762403	0.05973145	0.05333001	0.0533302	0.05393307	0.06048718	0.05859869
0.00011604	9.637E-05	0.00010276	7.7195E-05	9.0471E-05	7.7195E-05	9.0471E-05	8.4079E-05
3.8476E-05	3.9342E-05	4.185E-05	4.1074E-05	4.131E-05	5.5271E-05	5.5486E-05	5.6357E-05
0.12993044	0.12023873	0.12703588	0.1297958	0.1208338	0.11769643	0.12231461	0.12364528
0.00619563	0.00838232	0.00547603	0.00477663	0.00510547	0.00522308	0.00623109	0.00647499
0.00264837	0.00321046	0.00320459	0.00352136	0.00403642	0.00387085	0.00428542	0.00437898
0.16721359	0.1654964	0.18225297	0.19310784	0.19161986	0.19364966	0.17981746	0.18442667



0.00625103	0.00631767	0.00473381	0.00342458	0.00517928	0.00481943	0.00408924	0.00456481
1.3921E-05	1.3639E-05	1.4619E-05	9.0323E-06	9.1906E-06	1.0002E-05	8.2358E-06	8.5448E-06
0.17711029	0.18061194	0.18296281	0.17129254	0.15745847	0.15543034	0.15685174	0.15414654
0.00868208	0.00889189	0.00913159	0.00937968	0.00948886	0.00980726	0.01005922	0.02410614
0.1321577	0.13100933	0.12482415	0.10970159	0.10348331	0.10008417	0.10532428	0.09941186
0.00146803	0.00207775	0.00210821	0.00219348	0.00199906	0.00223613	0.00213408	0.00202089
0.01529801	0.01572208	0.0161045	0.01665881	0.01715754	0.0318171	0.03110589	0.02873988
0.00250717	0.00238491	0.00219385	0.00207198	0.00175538	0.00189641	0.00185194	0.00209271
0.00085158	0.00085021	0.00085996	0.00020044	0.00020791	0.00021227	0.00018413	0.00022131
0.0001142	0.00011034	0.0001042	0.00010178	8.7802E-05	0.00012586	0.0001289	0.00014253
0.00037972	0.00036027	0.00033376	0.00032689	0.00027377	0.00028646	0.00027843	0.00032762
3.4423E-05	6.1962E-05	8.2616E-05	8.745E-05	7.5795E-05	0.00013781	0.00018241	0.00031709
0.03556673	0.03651132	0.03598686	0.03521443	0.03160176	0.03579891	0.03567098	0.03374449
1.4203E-05	1.4362E-05	1.5263E-05	1.4563E-05	1.4854E-05	1.3481E-05	1.4464E-05	1.954E-05

0.03428402	0.03346833	0.0368252	0.04180496	0.04043396	0.0320398	0.03155351	0.02105314
0.00089866	0.00093931	0.00103395	0.0007244	0.00079906	0.00093517	0.00081642	0.00084407
0.00983045	0.00993331	0.01022273	0.01042594	0.01036491	0.01233334	0.01288322	0.01501491
0.00624703	0.00567453	0.00557007	0.0094136	0.01248846	0.00906662	0.00790929	0.00606428
0.01690659	0.01770462	0.01833967	0.01884909	0.01954285	0.01583863	0.01730665	0.02018467
0.00450865	0.00705374	0.00811071	0.00782737	0.0067663	0.00677871	0.00720287	0.0070529
0.00651207	0.00673016	0.00772122	0.00785459	0.00786719	0.00763186	0.00763504	0.00742184
0.00996871	0.01049483	0.00945434	0.00905947	0.01028301	0.00939626	0.00943287	0.0103425
0.49858881	0.50249946	0.51428873	0.50586088	0.54013049	0.54532223	0.52530674	0.50640282
1.52907542	1.65015415	1.74103313	1.77142164	1.78035145	1.80802594	1.93941778	1.93988078
0.01020314	0.01068649	0.01096784	0.01153527	0.01171946	0.01363771	0.01418876	0.01355104
0.05759379	0.05673462	0.06453431	0.06148741	0.06137941	0.06180365	0.06255752	0.06576428
0.01668993	0.01688787	0.0161133	0.01618404	0.01651054	0.01736048	0.01883412	0.01725032
0.00152234	0.00182767	0.00178164	0.00183912	0.00166524	0.00236522	0.00236781	0.00247469
0.00611033	0.00594389	0.0039806	0.00356602	0.00329059	0.00322986	0.00276392	0.00272399
0.10177068	0.09565244	0.10037051	0.10250338	0.10824484	0.11038128	0.11131008	0.10621437
0.0126008	0.0137994	0.01410827	0.01189233	0.01255659	0.01195394	0.01114298	0.01078295
0.00359748	0.00361565	0.00382495	0.00412532	0.00413301	0.0045015	0.00430712	0.00434123
0.59408037	0.58976706	0.58029676	0.53840391	0.53930919	0.55733578	0.53422164	0.5498393
0.21966702	0.18572071	0.16091946	0.15632413	0.13015635	0.05792846	0.08471881	0.05471657
0.01448687	0.01516954	0.01492848	0.01542408	0.01560098	0.01494841	0.01455129	0.01746334
0.0022331	0.00409797	0.0042779	0.0047584	0.00467988	0.00338922	0.00245317	0.00612537
0.0190519	0.01945862	0.01985345	0.02497687	0.02548005	0.02601483	0.02653918	0.02507262
7.3598E-06	7.3608E-06	6.5723E-06	6.4242E-06	7.415E-06	1.4271E-05	1.1759E-05	1.7112E-05
0.0003595	0.00028572	0.00034212	0.00034216	0.00028568	0.0002858	0.00028628	0.00029067
0.20506648	0.21114212	0.20639836	0.18203538	0.19621859	0.22670201	0.24099407	0.22386599
0.0037067	0.00289237	0.00281119	0.00387582	0.00343766	0.00442388	0.00422744	0.0041429
0.00606357	0.00618582	0.00515893	0.00429465	0.00541051	0.00233667	0.00241703	0.00257775
0.00386573	0.00332512	0.00394512	0.00314615	0.00416884	0.00356801	0.00465461	0.003421
0.00052562	0.0005281	0.00053336	0.0005638	0.00050386	0.00059927	0.00059945	0.00071873
0.00282899	0.0028371	0.00297677	0.00291628	0.00293374	0.00306453	0.003168	0.00304245
0.00014792	0.00014988	0.00015863	0.00010206	0.00010582	0.00012101	0.00010174	0.0001051
0.02034644	0.03162465	0.03576369	0.03568983	0.04761961	0.05913014	0.05063419	0.05741537
0.00036546	0.00034347	0.00031221	0.00029502	0.00023814	0.00029833	0.0002885	0.00033056
0.00387523	0.00358504	0.00363495	0.00384361	0.00320453	0.0029368	0.00343757	0.00535211
0.00395677	0.00405025	0.00325895	0.00243644	0.00245458	0.00263653	0.00316495	0.00251848

0.00442076	0.00438388	0.00494961	0.00524961	0.00500231	0.00409168	0.00500094	0.00450308
0.00037219	0.00042388	0.00039871	0.00043438	0.00050592	0.00053051	0.00050115	0.00057681
0.01482118	0.01942954	0.01820034	0.01834931	0.01987184	0.02044812	0.02131318	0.01988081
0.00078132	0.00065235	0.0005965	0.00047359	0.00036975	0.00038869	0.00036865	0.00034633
0.0075793	0.00798765	0.00800748	0.00810486	0.00759073	0.00740993	0.00732009	0.00683183
0.00011026	0.0001104	8.8202E-05	9.6701E-05	0.00010883	0.00023619	0.00018724	0.00023632
0.11524963	0.13084559	0.14437144	0.14712798	0.12963026	0.12570561	0.1124758	0.11289148
0.00270614	0.00302787	0.00252492	0.00398718	0.00279546	0.00285053	0.00237714	0.00204295
0.00083601	0.00080093	0.00073438	0.00070335	0.00057463	0.00068767	0.00066973	0.0007727
			1.5264E-05	1.5264E-05			
0.0145401	0.01487361	0.01552214	0.0158539	0.01715306	0.02111495	0.02204453	0.01815749
0.00781294	0.00400174	0.00571871	0.00349833	0.00297241	0.00201754	0.00190982	0.00201252
0.02473768	0.02459608	0.02526228	0.0261623	0.02716463	0.00154866	0.00280318	0.00600014
0.0009317	0.00092524	0.00082689	0.00074746	0.00063889	0.00038648	0.00039283	0.00044771
0.00030557	0.00030419	0.00031329	0.00025551	0.0002616	0.00026282	0.00024476	0.00029177
0.01563145	0.01287717	0.01378371	0.0121863	0.00767399	0.00697237	0.0070099	0.0060146
0.00978969	0.00968572	0.00938836	0.00939008	0.00897984	0.00934262	0.00937649	0.01011893
0.05856054	0.06403672	0.06628497	0.06494103	0.06091162	0.06852254	0.06776498	0.0694325
	0.00038327	0.00039585	0.0003814	0.00033979	0.00033979	0.00047702	0.00041202
0.00168476	0.00222966	0.00139808	0.00146461	0.00130958	0.0027335	0.00237794	0.00266403
6.7861E-05	0.00014653	0.00019865	0.00020554	0.00020554	8.6051E-05	0.00010621	0.0001072
0.05175856	0.0580829	0.06312116	0.07024279	0.07841112	0.08996032	0.09916025	0.11012767
0.00654062	0.00790713	0.00960081	0.00882006	0.01106918	0.01000998	0.00620881	0.0021527
0.02246263	0.02325035	0.02370652	0.02205423	0.02353527	0.02158938	0.02112879	0.02145717
0.03753017	0.03750172	0.0378399	0.04186456	0.05212654	0.04482787	0.03565504	0.03213643
0.00876214	0.00871416	0.00932326	0.00954311	0.01272578	0.01341317	0.01430393	0.01199286
0.02342358	0.02373018	0.02430607	0.02266533	0.02533847	0.0267357	0.03077729	0.03563321
0.00623153	0.00540205	0.00296308	0.00194554	0.00523617	0.00607832	0.0073065	0.00964313
0.18733471	0.18369647	0.18298339	0.19970761	0.20420332	0.18305233	0.1965525	0.21241714
0.00485165	0.00664707	0.00605389	0.00631736	0.00655668	0.00722217	0.0079982	0.0085485
0.01769364	0.0185903	0.01887203	0.03751627	0.04008214	0.041093	0.03912349	0.04136816
0.06219407	0.06206395	0.06805269	0.06566068	0.0658391	0.0628377	0.06306151	0.06334819
0.00046654	0.00043625	0.0004595	0.00041394	0.000549	0.00076699	0.00076	0.00048888
0.00681439	0.00676783	0.00583191	0.00503456	0.00625102	0.00821141	0.00782246	0.00867417
0.22701764	0.24545969	0.22451845	0.17759542	0.15377374	0.14609522	0.13081068	0.12820184
0.00292133	0.00295176	0.00228342	0.00295564	0.0028812	0.00153137	0.00144815	0.00036591
0.19045876	0.16725143	0.16366975	0.15153782	0.16786722	0.1775867	0.18515108	0.17766366
0.07837597	0.07620838	0.07963645	0.08027959	0.08084391	0.08181929	0.07789498	0.08040053
0.05965123	0.06311135	0.06585708	0.0662608	0.0552673	0.05539689	0.05278757	0.05008989
0.00021142	0.00020569	0.00019226	0.00019706	0.00021893	0.0002536	0.0002624	0.0002921
0.00174482	0.00178555	0.0018381	0.00189245	0.00194654	0.00230858	0.00258974	0.00804423
0.00174256	0.00154811	0.00138829	0.00124428	0.00037176	0.0004416	0.00044271	0.00045981
0.04311244	0.03783517	0.03878427	0.03086984	0.02753063	0.03220105	0.03196067	0.03659841
0.17236156	0.15684621	0.14927337	0.13481651	0.16200984	0.16545506	0.1596008	0.1508062
0.00016284	0.00012135	0.00012156	0.00013508	0.00012176	0.00027824	0.00027845	0.00036704
0.0564248	0.0657948	0.05842038	0.06975165	0.07712891	0.07589392	0.08072158	0.08663111
0.00622418	0.01759552	0.01516265	0.02247877	0.01251757	0.01582669	0.01706721	0.01815542
0.04163595	0.04635673	0.04890067	0.05152043	0.05363751	0.05407197	0.05886796	0.0562866
0.00073313	0.00071346	0.00080395	0.00100409	0.00123223	0.00104742	0.00136803	0.00149685
0.0010711	0.00083408	0.00078762	0.00074116	0.0006947	0.00304209	0.00330619	0.00368239
5.561E-07	3.1487E-07	3.852E-07	2.436E-07	2.1556E-07	1.7045E-07	1.934E-07	1.6846E-07

0.00019008	0.0001886	0.00016081	0.00014181	0.0001735	0.0002497	0.00023332	0.0002542
0.00096541	0.0009233	0.00092371	0.00089978	0.00077872	0.00076636	0.00075918	0.0008642
0.01768508	0.01694052	0.01877098	0.0190396	0.01882763	0.01722911	0.01867494	0.01886134
0.00153004	0.0014871	0.0014093	0.00137811	0.00131228	0.00134931	0.00121963	0.00145609
1.1592E-05	1.1545E-05	1.1164E-05	7.7626E-06	8.0453E-06	8.3108E-06	7.0991E-06	8.3979E-06
2.544E-05	2.5435E-05	2.4831E-05	2.406E-05	2.1547E-05	2.291E-05	2.241E-05	2.6008E-05
0.00225347	0.00220274	0.00229545	0.00196314	0.00201192	0.00173914	0.00176015	0.00039985
0.02958519	0.03313071	0.03285983	0.02808919	0.02595521	0.02918855	0.02602613	0.02450979
0.00548926	0.00529944	0.00523116	0.00485976	0.00363883	0.00733824	0.00641534	0.00639275
0.23505829	0.23882363	0.24782004	0.24697322	0.21899935	0.24265292	0.20130778	0.20303618
0.00758566	0.00781753	0.00718457	0.00826959	0.00873588	0.00796535	0.00784402	0.00825881
6.532E-05	7.1704E-05	8.0434E-05	7.8926E-05	7.9138E-05	0.00017458	0.00018895	0.00016679
0.00925411	0.00996161	0.00764691	0.00907898	0.00865559	0.00812585	0.00942641	0.00837434
9.4191E-06	9.9764E-06	1.035E-05	7.3166E-06	7.8719E-06	9.0109E-06	7.9936E-06	1.0233E-05
0.00135541	0.00130737	0.00128758	0.00122109	0.00108107	0.00112869	0.00110506	0.00123425
0.00020393	0.00036955	0.0002481	0.0002365	0.00062	0.0005433	0.00046793	0.0004949
0.30184125	0.33896942	0.32985476	0.27461199	0.30552947	0.30858169	0.27799103	0.31897064
0.00031663	0.00025603	0.0002613	0.00024737	0.0003027	0.00030805	0.00025152	0.00017926
0.00020473	0.00019412	0.00015712	0.00012716	0.00016018	0.00021794	0.00019227	0.00020044
3.6145E-05	4.0145E-05	3.7835E-05	3.9227E-05	4.2709E-05	3.7713E-05	3.1908E-05	3.6883E-05
0.00108605	0.00126918	0.00129984	0.00135691	0.00120467	0.00141466	0.00167973	0.00166341
0.00430587	0.00467301	0.00508549	0.00507643	0.00485259	0.0051927	0.00531406	0.00517968
0.08904831	0.11801322	0.12915349	0.13777512	0.1157674	0.16737805	0.1087135	0.14827193
0.09687279	0.09986551	0.10932215	0.11106712	0.11630784	0.12418205	0.12246078	0.13079038
0.04110677	0.04198817	0.04220663	0.0449209	0.04742353	0.05007717	0.04998926	0.05132089
0.03584917	0.04016954	0.04278305	0.04407886	0.04527687	0.04680582	0.05021457	0.05557436
0.11918125	0.08907526	0.08975833	0.08807371	0.08339951	0.08338072	0.08788454	0.08963461
0.00994608	0.00933704	0.00979485	0.00784751	0.007716	0.00725524	0.00711668	0.00704503
1.31879241	1.2842244	1.40535803	1.47364438	2.32192664	2.42576764	2.20094117	1.96569193
0.00828594	0.00764692	0.00617985	0.00970257	0.00981168	0.01009139	0.00982787	0.01040416
0.00013935	0.00013854	0.00014937	9.4149E-05	9.5908E-05	0.00010329	8.4727E-05	8.5118E-05
0.04435172	0.04643298	0.0541605	0.05092141	0.04474487	0.04738819	0.04852855	0.0480557
1.6484E-05	1.6114E-05	1.8076E-05	1.1943E-05	1.2621E-05	1.4158E-05	1.2476E-05	1.4804E-05
0.17384195	0.17610365	0.18905696	0.19529538	0.19992328	0.20732655	0.21413956	0.21965653
3.9022E-05	3.8716E-05	3.3393E-05	3.0242E-05	9.5407E-05	0.00014022	0.00013183	0.00014128
0.00014032	0.00013947	0.00012426	0.00011497	0.00010191	0.00015056	0.00014059	0.00015251
0.00113598	0.00132186	0.00154217	0.00179691	0.00209295	0.00243718	0.00271257	0.00318762
0.22295002	0.23942135	0.25326162	0.26933299	0.23750688	0.24495518	0.21662377	0.23998654
0.02605785	0.02639063	0.02795766	0.02842232	0.02842019	0.02932826	0.03025377	0.03102157
0.01760729	0.01492982	0.0178121	0.01832678	0.02175127	0.02143657	0.01919629	0.01880212
0.00029266	0.00019483	0.00031794	0.00033334	0.00033251	0.00025774	0.00026552	0.00028629
0.00074631	0.00071149	0.00071772	0.00080538	0.00077107	0.00060162	0.00067295	0.00062246
0.00035257	0.00040409	0.00084923	0.0007848	0.00126764	0.00148714	0.00167493	0.00167493
9.5945E-07	1.037E-06	9.5894E-07	1.2035E-06	1.0302E-06	1.2583E-06	1.3467E-06	1.3327E-06
0.0002716	0.00022367	0.0002077	0.00022048	0.00143126	0.00148688	0.00156526	0.00136596
0.00119645	0.00120174	0.00126303	0.00134723	0.00135741	0.00137985	0.00126754	0.00133172
0.00992302	0.01069717	0.01190672	0.01304024	0.01430637	0.01566798	0.01715074	0.01902567
0.02283517	0.02564525	0.02311164	0.02640392	0.02927354	0.02862701	0.02373071	0.02527885
0.00074462	0.00081449	0.00085622	0.00084386	0.00068769	0.00075626	0.00072719	0.00043335
0.00017735	0.00017647	0.00019015	0.00019301	0.00019283	0.00013278	0.00013142	0.00014572

0.53574851	0.56271314	0.58279901	0.64926772	0.66263188	0.67055107	0.79603514	0.81472016
0.04939861	0.05633881	0.05384055	0.04897338	0.05117601	0.05095918	0.05719117	0.05857202
0.01419854	0.01337506	0.01275599	0.01378718	0.01373118	0.01420058	0.00984049	0.00897124
0.00058907	0.00064321	0.0006634	0.00071499	0.00089028	0.00091144	0.00088958	0.00087486
0.1058255	0.10121979	0.09380796	0.09671574	0.07923398	0.09248042	0.09151928	0.09122852
6.6875E-05	7.3267E-05	9.9821E-05	0.00011507	0.00010229	0.00010868	0.00013523	0.000149
0.00094861	0.0010089	0.00118468	0.00123439	0.0014508	0.00150891	0.00158357	0.00159413
0.00416312	0.00402064	0.00471962	0.00517322	0.00563667	0.00553472	0.0067123	0.00720516
0.09478934	0.0961762	0.09152682	0.09085804	0.07736403	0.07820765	0.09142013	0.08240074
0.00437774	0.00459861	0.00468247	0.00511404	0.00521354	0.00536818	0.00558536	0.0058474
0.00134843	0.00150873	0.00151229	0.00184617	0.00167264	0.0014234	0.0014349	0.00151683
0.00272861	0.00704885	0.02146628	0.02922311	0.0287809	0.03323998	0.03247999	0.03545425
0.02981186	0.03540105	0.03568156	0.03343104	0.03184686	0.03178084	0.0330406	0.03318427
0.00072087	0.00075148	0.00085567	0.00145726	0.00146063	0.0015722	0.00157154	0.00158849
0.00022803	0.00023337	0.00023589	0.00023909	0.00023903	0.00016856	0.00016839	0.00018331
0.00188619	0.00181793	0.00196118	0.00215869	0.00198076	0.00196784	0.00189082	0.00197026
0.08179853	0.09445388	0.10468462	0.10671399	0.15725662	0.17616134	0.18741748	0.16277489
0.00050606	0.00049007	0.00056076	0.00060646	0.00062556	0.00050773	0.00050328	0.00052236
0.00084333	0.0008829	0.00100471	0.00106113	0.00098756	0.00098692	0.00101072	0.00108162
0.00057409	0.00055937	0.00055705	0.00058726	0.00060044	0.00075031	0.00087154	0.0009038
0.00682367	0.00511655	0.00545561	0.00511468	0.00646051	0.00646051	0.00483404	0.00508369
0.00030789	0.00029856	0.00030554	0.00032505	0.00031483	0.0003362	0.00034496	0.0003425
0.40500194	0.41198244	0.44586229	0.48357398	0.49157756	0.52561472	0.52486286	0.51629203
0.02800972	0.02774402	0.03002782	0.03297081	0.03498674	0.03707381	0.03947224	0.04081239
0.03567214	0.05140615	0.05962786	0.06691677	0.07038983	0.05187927	0.04613041	0.04695145
6.61901358	7.7299784	7.62365789	8.55551491	8.93773659	10.3107818	10.5704356	12.2632134
0.00136829	0.00081432	0.00114795	0.0014073	0.00131952	0.00088333	0.00093225	0.00104723
6.1962E-05	6.1962E-05	6.8847E-05	0.00010327	8.2616E-05	7.5731E-05	0.00012392	0.00019277
4.6714E-05	4.6714E-05	4.6714E-05	4.6714E-05	4.6714E-05	6.8847E-06	1.3769E-05	1.3769E-05
6.8847E-06	6.8847E-06	6.8847E-06	6.8847E-06	4.8193E-05			
2.7581E-05	2.7017E-05	2.9085E-05	3.3431E-05	3.3134E-05	4.4571E-05	4.7855E-05	2.8075E-05
0.0266928	0.01725429	0.02186728	0.02274699	0.01351972	0.0171135	0.01889521	0.01831458
3.2271E-05	3.4605E-05	3.466E-05	4.4086E-05	4.8262E-05	7.022E-05	7.5412E-05	7.7004E-05
4.7311E-05	5.6843E-05	5.6191E-05	6.2999E-05	6.5533E-05	0.00017161	0.00020399	0.00022362
0.00188422	0.00107015	0.00058801	0.00085211	0.00033603	0.00038794	0.00053787	0.00106038
0.03031006	0.03556385	0.03300156	0.02880696	0.03607377	0.03663485	0.03620915	0.04486531
0.00015181	0.00015114	0.00015279	0.00015487	0.00015483	0.00014785	0.00014799	0.00015837
0.00261569	0.00269587	0.00284697	0.00314402	0.00337526	0.00352032	0.00338626	0.00348995
2.09859892	2.59948904	2.73560028	2.94716254	3.59150389	4.31284447	3.86560579	3.30828449
4.29926242	4.53502505	4.89261427	5.26036871	5.68752754	6.47291051	5.59942968	5.06771982
0.00057416	0.00061144	0.00060281	0.0006809	0.00067485	0.00044547	0.00046604	0.00047928
7.5756E-05	7.8944E-05	8.1954E-05	0.00012127	0.00012071	0.00012349	0.00012587	0.00012426
0.13677492	0.18223826	0.14858144	0.13403527	0.12370067	0.11186192	0.11999213	0.12483821
0.01007154	0.01051605	0.01206815	0.01655182	0.01763357	0.01835379	0.01882085	0.02094325
0.00706384	0.0070942	0.00758745	0.00846225	0.0085042	0.00846317	0.00888035	0.00920452
0.00456041	0.00466906	0.0057772	0.00662093	0.00389634	0.00366195	0.00503609	0.00500576
0.01739682	0.01780927	0.02056826	0.02532644	0.02322567	0.01781789	0.01891189	0.02157021
0.00056252	0.00057616	0.00056009	0.00048463	0.0005933	0.00057265	0.00059574	0.00053625
5.7591E-05	6.0974E-05	5.9332E-05	6.4268E-05	6.3262E-05	8.571E-05	9.2588E-05	9.5166E-05
0.56703053	0.49092958	0.51752423	0.53651424	0.5857806	0.61704114	0.52693695	0.55322147
0.02206642	0.0233674	0.02383834	0.02247494	0.02184224	0.02026154	0.02026718	0.02016342

0.00013769	0.00013081	8.9501E-05	8.9501E-05	3.4423E-05	4.1308E-05	4.1308E-05	3.4423E-05
0.89213067	1.01417046	1.01645092	0.83253245	0.79926461	0.75649816	1.06321518	1.1680677
0.00067447	0.00067361	0.00072313	0.00080178	0.00086453	0.00102225	0.00133729	0.00118641
1.6502E-05	1.1794E-05	1.8419E-05	1.5877E-05	1.5737E-05	1.6872E-05	1.7478E-05	1.8681E-05
0.20962357	0.22988593	0.2068361	0.28269227	0.25911308	0.26522493	0.21995287	0.24053872
0.00057288	0.00070281	0.00070903	0.00086163	0.00079292	0.00077996	0.00069886	0.0007569
0.61643386	0.58500469	0.5128574	0.53105397	0.47732364	0.53004996	0.59881593	0.57448362
0.00595658	0.00167483	0.00150135	0.00139829	0.00123696	0.00137171	0.00056144	0.00040763
3.4423E-05	6.8847E-06	6.1962E-05	0.00254134	0.00232448	0.00103687	0.00187042	0.00407969
0.00016536	0.00017172	0.00017172	0.00017808	0.00018444	0.00019716	0.00019716	0.00020352
0.00118389	0.00124241	0.00126446	0.00133295	0.00156803	0.0018307	0.00188534	0.00191764
0.00081499	0.00081194	0.00084127	0.00092312	0.00092256	0.00075737	0.00077824	0.00081517
0.00011063	0.00011675	0.0001158	0.00013311	0.00014278	0.00020873	0.00022992	0.00023474
0.00024296	0.0002515	0.00025876	0.00028279	0.00033326	0.00033049	0.00033801	0.00034181
4.1308E-05	4.1308E-05	3.4423E-05	5.5077E-05	4.6078E-05	5.5348E-05	9.4947E-05	8.9087E-05
0.13304824	0.12110418	0.12133129	0.12479495	0.12710677	0.14298936	0.14476415	0.14302678
7.0879E-05	7.5971E-05	0.00010217	8.817E-05	8.8148E-05	6.4243E-05	6.6E-05	7.006E-05
0.01144175	0.01118001	0.01299628	0.01557642	0.01831838	0.0203339	0.02490317	0.04133457
0.00064579	0.00067363	0.00070729	0.00105124	0.00109617	0.00100029	0.0010643	0.00111488
0.0029361	0.00296336	0.00305059	0.00312137	0.00304284	0.00106114	0.00104008	0.00108774
0.09469779	0.07530717	0.06301909	0.07221916	0.06126942	0.07029051	0.07735229	0.08563149
0.00189264	0.00151443	0.00179419	0.00275313	0.00560933	0.00231479	0.00380153	0.00471431
0.00423306	0.00335519	0.00546214	0.00620775	0.00632242	0.00783333	0.00892557	0.01054272
0.00035112	0.00051929	0.00072774	0.00053796	0.00043224	0.00040569	0.00043323	0.00047209
0.05319103	0.05429984	0.05567307	0.05686427	0.05606673	0.05180942	0.05117102	0.04804986
0.07532841	0.09187675	0.11529746	0.12379682	0.14346947	0.16404337	0.19486883	0.20686246
2.14884954	2.28403469	2.43295082	2.84269237	3.24849889	3.62018441	3.69344538	3.81154576
0.03548821	0.03569322	0.03542522	0.03622533	0.0343256	0.04839819	0.06639556	0.07823009
0.05023806	0.05166323	0.05242054	0.04542172	0.05139263	0.0546176	0.06016521	0.06088394
0.09041682	0.08899896	0.12690815	0.06359312	0.01541321	0.03501562	0.05210919	0.0416957
3.8613E-05	3.697E-05	3.697E-05	6.877E-05	9.4685E-05	3.1085E-05	3.1085E-05	3.1085E-05
0.0794695	0.08942085	0.09745315	0.10159377	0.10305544	0.11384278	0.12271838	0.13129404
0.18096187	0.17274782	0.16803451	0.17495647	0.17720648	0.18800292	0.20439959	0.23113886
0.00922949	0.00897173	0.00899976	0.00947829	0.00956442	0.01020714	0.01047315	0.01047517
0.00559188	0.00597618	0.00634165	0.00682123	0.00636102	0.00725874	0.00726555	0.00783054
1.21885296	1.24478253	1.43786055	1.64029828	1.78523205	2.68914749	3.15056263	2.84722107
0.26683559	0.24288848	0.19708607	0.20514029	0.19852381	0.23243976	0.21361406	0.25998352
0.00222688	0.00251693	0.00247276	0.00356954	0.00397163	0.00520252	0.00408103	0.00362399
0.00364104	0.00442881	0.00454758	0.00382679	0.0039146	0.00455725	0.00315854	0.0028952
0.00029521	0.00040992	0.00051409	0.00061574	0.00065205	0.00071634	0.00081418	0.00112267
1.1391E-05	1.1161E-05	1.1992E-05	1.3758E-05	1.3605E-05	2.4167E-05	2.3137E-05	3.6239E-05
3.828E-05	4.4465E-05	4.4941E-05	4.5552E-05	4.554E-05	5.5666E-05	5.7342E-05	6.3886E-05
1.1474102	1.4932715	1.62861261	1.81359318	1.92940955	2.99749068	2.18087011	1.84732475
0.01773386	0.01670547	0.01842571	0.02908963	0.03895581	0.04337898	0.05194574	0.05719423
0.00080147	0.00081621	0.0008238	0.00085325	0.00076128			
0.0045758	0.00662359	0.00844211	0.01322953	0.01413214	0.01201936	0.01277139	0.0146102
0.00031836	0.0003533	0.00038169	0.00044311	0.00056759	0.00068108	0.00071957	0.00073055
0.01827435	0.01800008	0.01921431	0.02164516	0.02289724	0.02430499	0.02477925	0.02783475
0.00013446	0.00013846	0.0001413	0.00018587	0.00018604	0.00021412	0.0002233	0.00021588
0.00050192	0.00216467	0.002729	0.00238957	0.00290699	0.0064432	0.00598301	0.00685626

0.0001995	0.00020932	0.00021149	0.00022104	0.00026476	0.00039473	0.00040376	0.00040975
0.00550281	0.00587724	0.00543852	0.00654829	0.00483946	0.00452468	0.00603437	0.0071642
0.0010691	0.00085847	0.00094963	0.00116637	0.00133686	0.00133395	0.00140518	0.0017756
0.01129672	0.01273786	0.01295037	0.01145132	0.00983463	0.00830633	0.00832702	0.00885338
0.00072699	0.00082232	0.00091295	0.00112162	0.0011757	0.00104209	0.0011866	0.00137991
0.0321617	0.02880593	0.03065364	0.0336537	0.03230109	0.03669465	0.04571224	0.04794043
0.00907461	0.00809228	0.00501337	0.00489279	0.00319658	0.00273939	0.00264644	0.00251836
0.00084199	0.00064632	0.00081191	0.00095865	0.00086124	0.00101305	0.00094063	0.0008182
0.00021117	0.00020827	0.00019372	0.00024479	0.00024244	0.00046538	0.00043809	0.00056254
0.15846268	0.16304951	0.17128212	0.18674513	0.18618512	0.1999703	0.22810042	0.23532695
0.0208695	0.02222754	0.02063774	0.02381231	0.02158524	0.02042638	0.02240665	0.019806
0.00047958	0.00051842	0.00052441	0.00056629	0.00066961	0.00089669	0.00092249	0.00093578
0.0021953	0.0019661	0.00187526	0.00201499	0.00226721	0.00223538	0.00278855	0.00274801
0.00117902	0.00123339	0.00120365	0.0015318	0.00217804	0.00193877	0.00147649	0.0035286
0.02441401	0.02128699	0.01994682	0.02271316	0.02232361	0.02399309	0.0233517	0.02545279
0.00023745	0.00023851	0.00022223	0.00025865	0.00033625	0.00032461	0.00049346	0.00103162
0.00127037	0.00136975	0.00134408	0.00149887	0.00147719	0.0007122	0.00076753	0.00083798
0.00084951	0.00085049	0.0008721	0.00092397	0.00092387	0.00074728	0.00073944	0.00078381
0.00446144	0.00527264	0.00580319	0.00739265	0.00770207	0.01068167	0.01195628	0.01163387
0.00132142	0.00171407	0.00248319	0.00302283	0.00314788	0.00406546	0.00427591	0.00414145
0.03437641	0.03722958	0.03642544	0.03915692	0.03959483	0.04191704	0.05109176	0.064989
0.00015637	0.00014675	0.0001215	0.00016479	0.00010107	2.5258E-05	3.3676E-05	
0.00099113	0.00093523	0.00088505	0.000982	0.00103517	0.00136217	0.00168253	0.00187404
0.00077029	0.00072614	0.00076199	0.00084976	0.00068888	0.00074788	0.00071342	0.00079289
0.00506422	0.0055769	0.00282105	0.00282103	0.00298034	0.0031715	0.00294266	0.00335579
0.00495399	0.00595758	0.00869017	0.00867269	0.00511544	0.00727902	0.0054528	0.00678415
0.1349838	0.13987491	0.14257017	0.15059753	0.13854883	0.1485566	0.15714841	0.16467298
0.00698676	0.00718113	0.00672618	0.00717572	0.00751964	0.00712171	0.0085594	0.00831193
6.3508E-05	6.3508E-05	0.00017641	0.00019052	0.00010585	4.2339E-05	2.8226E-05	7.0564E-06
0.02625166	0.02552831	0.02858016	0.02615275	0.02808537	0.02844574	0.02778676	0.02543243
0.00483216	0.00466132	0.00478804	0.00536057	0.0057429	0.00623741	0.00685094	0.00739743
0.15161504	0.13590653	0.13845363	0.15696735	0.14078264	0.09983134	0.11483283	0.10264115
0.00231486	0.00183953	0.00252293	0.0039426	0.00236795	0.00264898	0.00583177	0.00384079
0.00743525	0.00812861	0.00897912	0.00771011	0.00722749	0.00805723	0.00715148	0.0096557
0.03749126	0.04562916	0.05570576	0.05998221	0.0591022	0.07280856	0.07323716	0.06508142
0.00130507	0.00130542	0.00153954	0.00160147	0.0015756	0.0015929	0.00202721	0.00135393
0.00173086	0.00172973	0.0018456	0.00198137	0.00188579	0.00217992	0.00273209	0.00302745
0.74839759	0.7725837	0.87510498	3.138689	3.39275361	3.98533136	3.35248176	3.33477317
0.10280743	0.10555563	0.10842068	0.15042139	0.15647335	0.16741839	0.15580853	0.26707502
0.04286201	0.04008789	0.03882613	0.02973149	0.03683815	0.04213988	0.0430845	0.04093892
0.06135397	0.05437609	0.05771096	0.05809338	0.0725472	0.07429713	0.07154571	0.07991639
0.00087858	0.00228554	0.00197206	0.00197206	0.00197708			
0.00044359	0.00042553	0.00046775	0.0005376	0.00053276	0.00052468	0.00065408	0.00073332
0.00320973	0.00328059	0.00330952	0.00331866	0.00335639	0.00334401	0.00369198	0.00406118
0.0006739	0.00071723	0.00069958	0.00101519	0.00099815	0.00107199	0.00112528	0.00118637
0.1424117	0.14269978	0.11581969	0.09391763	0.08752238	0.09951153	0.10763685	0.1030977
1.7407858	1.70916495	1.5691496	1.52905217	1.59403251	1.64203658	1.62955486	1.62890043
					0.00036701	0.00036701	0.00044167
0.11355341	0.11681816	0.12503906	0.13752335	0.14317857	0.14697331	0.14052753	0.13565797
0.12877524	0.12407815	0.13373503	0.13422222	0.0997178	0.12764833	0.12906333	0.13453038
0.00130912	0.00149987	0.00169244	0.00145792	0.00173082	0.00215337	0.00236087	0.00317383

0.0044906	0.00465614	0.0050269	0.00523588	0.00555816	0.00605806	0.00629396	0.00611016
0.02943077	0.02993054	0.02922515	0.02906717	0.03101964	0.03336937	0.03991723	0.03788191
3.7063E-06	2.7762E-06	2.8933E-06	3.0674E-06	2.8945E-06	5.7262E-06	6.384E-06	6.5452E-06
0.00012003	0.00011771	0.00012484	0.00014155	0.00013812	0.00018653	0.00021558	0.00023779
0.00060331	0.0006267	0.00066717	0.00072614	0.00084465	0.00073598	0.00079534	0.00079081
0.00274308	0.0017808	0.00277891	0.00288275	0.002145	0.00228119	0.00285804	0.00300019
0.00069216	0.00074565	0.00078202	0.00084736	0.00106245	0.00120412	0.00125102	0.00129755
3.57E-05	3.5816E-05	2.2351E-05	3.1979E-05	3.1958E-05	2.6473E-05	2.6212E-05	2.8729E-05
3.3522E-05	3.5579E-05	3.514E-05	3.9164E-05	4.074E-05	4.0316E-05	4.1498E-05	4.6158E-05
0.00077263	0.00077421	0.00081234	0.00101913	0.00102054	0.00054543	0.00062135	0.0005486
0.20927654	0.23963291	0.23308526	0.23032941	0.24548107	0.19752642	0.20344838	0.17878667
0.0201249	0.01889493	0.02055731	0.0222607	0.01962253	0.02049165	0.02249822	0.0241025
0.42833226	0.63467487	0.39643566	0.38127157	0.38366403	0.33303333	0.31368329	0.50885518
0.00037627	0.00036568	0.00044095	0.00046852	0.00041765	0.00086822	0.00092125	0.00112798
0.00017613	0.00018746	0.00019398	0.00021958	0.00021551	0.00042977	0.00048677	0.00043773
0.011669	0.01286745	0.0147796	0.01621808	0.01735863	0.01732178	0.0173004	0.01924526
8.2556E-06	8.6483E-06	8.765E-06	1.2842E-05	1.3111E-05	2.7341E-05	2.8571E-05	3.6803E-05
0.00042224	0.00044769	0.00046808	0.000499	0.00063457	0.00069527	0.00069693	0.00069501
0.00012347	0.00010975	0.00011661	0.00029495	0.00018938	0.00021542	0.0004041	0.00014105
0.1563309	0.23006094	0.21488589	0.19123187	0.22949423	0.35593	0.38357577	0.49400381
0.00026667	0.00027616	0.00032901	0.00032901	0.00032989	0.00027013	0.0002609	0.00021973
0.00433235	0.00350304	0.0035724	0.00338472	0.00414172	0.0042147	0.0045423	0.00458085
1.9416E-05	1.841E-05	1.6722E-05	1.6272E-05	1.3008E-05	1.8946E-05	1.8106E-05	1.7299E-05
7.2658E-05	8.0138E-05	9.0348E-05	0.00010553	0.00010449	7.4054E-05	7.4883E-05	8.7601E-05
0.00258791	0.00269834	0.00291894	0.00307526	0.00318306	0.0020396	0.00204404	0.00332614
0.0028657	0.00296811	0.00328049	0.0033066	0.00362748	0.0036181	0.00385525	0.00388962
0.16272486	0.17561307	0.19211753	0.20099363	0.21254724	0.30856978	0.4126377	0.38773871
0.22560887	0.25568449	0.2823743	0.30931846	0.33520501	0.48085691	0.49837188	0.50244209
0.00133329	0.00097831	0.00101981	0.00025779	0.00042491	0.00142273	0.00118341	0.00123222
0.00030368	0.00038106	0.00042028	0.00040756	0.00037364	0.00038848	0.0004012	0.00047752
0.40302899	0.28776977	0.27206188	0.27085864	0.26129524	0.25372409	0.23679781	0.24363487
0.00093775	0.00141413	0.00102119	0.00081846	0.0025753	0.00103178	0.00035806	0.00038366
20.2820544	20.9719325	21.8941349	21.7762064	20.437305	21.857309	20.6864846	17.1585761
0.02880667	0.03042128	0.03025224	0.03191906	0.03045543	0.03230661	0.03032607	0.03086986
0.00010119	9.803E-05	0.00011096	0.00015748	0.00015613	0.00013895	0.0001456	0.00015253
0.00946407	0.00892864	0.01085747	0.01316648	0.01313996	0.01517649	0.02137182	0.02581419
2.4831E-05	3.1281E-05	3.2109E-05	3.7164E-05	3.7371E-05	4.2633E-05	4.3343E-05	4.6901E-05
0.01316319	0.01642895	0.02307514	0.02672844	0.02290723	0.02640979	0.02896328	0.03282893
3.3599E-05	3.2933E-05	3.5129E-05	4.004E-05	4.4103E-05	7.1492E-05	8.6318E-05	8.9551E-05
8.9479E-05	8.7735E-05	9.3478E-05	0.00010646	0.00010441	0.000145	0.00016573	0.00018076
0.00301033	0.0031197	0.00354682	0.00387579	0.00377401	0.00424634	0.00468344	0.0049076
0.65268088	0.68567945	0.72264954	0.7543022	0.71428997	0.74506323	0.69306166	0.70903182
0.00016261	0.00016616	0.0002451	0.00023593	0.00015197	0.00015877	0.00016794	0.00016794
0.02728661	0.0244586	0.02181357	0.02270161	0.02179803	0.01957581	0.02540658	0.02327578
0.00263363	0.0017157	0.00280726	0.00293073	0.00294702	0.00218829	0.00220331	0.00234348
0.02126284	0.02132728	0.02178179	0.0219741	0.02276657	0.02086815	0.02141524	0.02175368
0.23517886	0.24160139	0.24859934	0.24955299	0.26268458	0.26735231	0.27543743	0.28457956
0.00023734	0.00023148	0.00018866	0.00016328	0.00015153	0.00020485	0.0002059	0.00013461
1.66557317	1.73362603	1.81718672	1.87794273	1.95776718	2.02833058	1.993302	2.10925981
0.02480945	0.02430521	0.02144069	0.02524792	0.03766791	0.03816125	0.03861508	0.04161715
0.02703526	0.02712402	0.0419404	0.04343371	0.0435722	0.04470158	0.04432601	0.04350979

0.41595558	0.43404997	0.44641641	0.45473113	0.46322564	0.45882376	0.51815275	0.53750452
0.84483682	0.91242245	0.930641	0.94811839	0.93001181	0.90625381	0.88707322	0.81527198
0.01873302	0.01605911	0.01719033	0.01731881	0.01698581	0.02283549	0.02254676	0.02116562
0.00208537	0.00205291	0.00221709	0.00227595	0.00228847	0.00154012	0.00150835	0.0016656
2.88611118	3.03205345	3.02145852	3.0667365	3.00261391	3.05246935	3.28666399	3.42367108
1.13969111	1.17949117	1.15394233	1.19022499	1.18391975	1.2128999	1.23533838	1.24721596
0.16529466	0.14301409	0.14731445	0.14395708	0.12058803	0.13466373	0.11702308	0.11613769
0.06649179	0.06983996	0.07070102	0.07337052	0.06307076	0.0640722	0.06445284	0.0654009
4.57617146	5.03742418	4.86995434	5.56164162	5.53703614	5.28381779	5.15579041	5.2832937
0.04743692	0.05325328	0.05514299	0.05510447	0.05782633	0.05141525	0.05408432	0.05756091
0.10890215	0.11062785	0.11427525	0.11617364	0.09502755	0.09538235	0.12118915	0.12280263
0.34756806	0.32723956	0.33623701	0.33777307	0.34056924	0.33890324	0.37436594	0.38204056
1.19255741	1.24021872	0.96679755	0.6641051	0.54720099	0.72025515	0.73152369	0.62849756
0.05695569	0.05791889	0.05873534	0.06171589	0.06187273	0.06350929	0.06553717	0.06921583
0.0128663	0.01420369	0.01452689	0.01655382	0.01497608	0.0116362	0.01174799	0.01244518
0.03205522	0.03543601	0.0496198	0.05925234	0.05754555	0.07978143	0.07868223	0.08056543
0.84815178	0.84415056	0.8269275	0.81346176	0.81730279	0.8323474	0.80409644	0.79962428
0.00486901	0.00468878	0.00583688	0.00527448	0.00540622	0.00468521	0.0042481	0.00423213
0.00272608	0.00276803	0.00281278	0.0028831	0.00289993	0.00200536	0.00198865	0.00216143
0.08941479	0.08606965	0.08321934	0.08425216	0.08402517	0.082083	0.083709	0.08592623
4.58811593	4.88672884	4.93931418	9.96925928	10.0097851	9.88346098	9.10957504	5.71318939
0.00655226	0.00642536	0.00729197	0.00725302	0.0074946	0.00578611	0.00551761	0.00550916
0.01437889	0.01568279	0.01677882	0.01534447	0.01444025	0.01399844	0.01420874	0.01445254
0.02264617	0.02305294	0.02282905	0.02318081	0.02402172	0.02555719	0.02558256	0.0266418
0.04589883	0.04430773	0.04577866	0.05211585	0.05490406	0.05541906	0.05702528	0.05728916
0.02619963	0.02335595	0.02382197	0.02401044	0.01865723	0.01885309	0.01869682	0.01877916
14.7734348	14.2710441	7.95640895	6.41902089	6.26618228	5.83993469	5.41217671	5.39435632
0.31249413	0.30046713	0.28406273	0.27650403	0.26226095	0.26020968	0.25535356	0.24728027
0.60393259	0.6499402	0.6725906	0.68476285	0.78407193	1.08663107	1.09058418	1.11279878
36.980903	36.4968398	38.1989084	39.3858233	39.108137	41.2360337	40.905445	42.2560831
0.12675245	0.12618709	0.13179675	0.13162038	0.14084112	0.13874268	0.13961555	0.14382667
0.12542249	0.12780543	0.12959154	0.13342146	0.13284523	0.13782264	0.14057644	0.14874662
0.27649036	0.28439964	0.2938151	0.30231881	0.31918514	0.33478749	0.34401856	0.35624135
0.02252322	0.02205701	0.02105465	0.02303346	0.02395687	0.02295767	0.02475675	0.02369382
0.00064738	0.00064147	0.0006556	0.00067138	0.0006647	0.00083824	0.00083279	0.00052053
0.83932718	0.8659137	0.8242295	0.71618407	0.62796725	0.77461716	0.78673765	0.76938293
0.0034643	0.00365981	0.00373402	0.00396274	0.00436021	0.00485844	0.00475425	0.00490246
0.00286055	0.00311775	0.00316318	0.00330107	0.00359894	0.00559293	0.00616687	0.00659637
0.20055164	0.25924813	0.3524499	0.28920398	0.26196002	0.11269067	0.06508436	0.06726223
0.78442491	0.83097698	0.83892459	0.80637316	0.80416321	0.79267162	0.75748947	0.72627868
0.00181479	0.00178109	0.00181264	0.00185895	0.00186959	0.00175028	0.00173912	0.00185849
0.07362466	0.07517623	0.07627362	0.07865047	0.08014399	0.0811604	0.08030114	0.08008461
1.62615349	1.63740136	1.61605148	1.67546747	1.51129181	1.66668702	1.62856787	1.49783041
26.7307371	28.4360654	24.9184503	9.63295834	7.67881363	7.94880097	6.99791518	7.02888462
0.01595883	0.01644591	0.0160656	0.01672244	0.01741871	0.01300229	0.01289035	0.01327775
0.00062372	0.00061816	0.00063572	0.0006227	0.00062816	0.00054561	0.00056788	0.00053711
1.13697689	1.10963825	1.08476129	1.02753156	1.13600629	1.17016181	1.06216825	0.95626995
0.14290897	0.1544711	0.17137177	0.187198	0.19553908	0.21328078	0.20245414	0.21730178
0.38807009	0.31969	0.41820508	0.5308728	0.70484056	0.80188331	0.96403222	0.89465815
0.23421938	0.27301379	0.28093845	0.27349324	0.24033895	0.20234492	0.21543208	0.21743226
3.35424129	3.50178086	3.31057318	3.51017581	3.36156286	3.52531922	3.4051054	3.27047762



0.031422	0.03278272	0.03254283	0.02136652	0.02246325	0.02257062	0.02416224	0.02441041
0.00152611	0.00154089	0.00155924	0.00155367	0.00157699	0.00196854	0.0020669	0.00211024
4.09823078	4.14018078	4.1041833	4.00036585	4.22633975	4.20818357	4.02912	3.77015307
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0.52424668	0.54252155	0.55775189	0.57591269	0.59357502	0.61206497	0.63486387	0.65400787
1.5356318	1.53819578	1.54513073	1.46731179	1.46234808	1.45545748	1.39994151	1.44298003
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24.7760866	25.3428722	20.0451508	9.89216245	7.50408416	7.56552143	6.86536387	6.44727855
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0.02984917	0.03160702	0.03175066	0.03397724	0.03357147	0.03333044	0.03408774	0.04255885
5.87395993	5.87969811	5.57251732	5.72968035	6.87271621	6.10135975	5.42093749	5.18475113
0.50550378	0.55470206	0.70222352	0.53494422	0.56917058	0.59065419	0.28775941	0.5184472
0.14848874	0.15326864	0.15575673	0.17246474	0.17889524	0.16789477	0.16806582	0.17769788
0.00257567	0.00257182	0.00259344	0.00265501	0.00269304	0.00275167	0.00274895	0.00272242
0.09631313	0.11420134	0.09331586	0.09321778	0.11650489	0.1197622	0.11833976	0.12034036
0.00966938	0.0095986	0.00997904	0.00940077	0.00944658	0.00723923	0.00740778	0.00779963
0.00814417	0.00833646	0.00835393	0.00863291	0.00927795	0.01104195	0.01103276	0.01130066
0.01954893	0.01965025	0.01961616	0.02046539	0.0221887	0.02256393	0.02239611	0.0228835
0.00417006	0.00450994	0.00526578	0.00570956	0.00607564	0.0070288	0.00784775	0.0088192
1.31428134	1.41224521	1.31329258	1.21706854	1.23388454	1.22869973	1.1361618	1.10500986
0.00086275	0.0009165	0.00123369	0.0010786	0.00108481	0.00078036	0.00079615	0.00084346
0.00064336	0.00064366	0.00064417	0.00064494	0.00064607	0.00064756	0.00064931	0.00065151
0.15386279	0.1522946	0.15855817	0.18531513	0.19490328	0.18576672	0.19641967	0.2261315
0.00504019	0.00498154	0.00524831	0.00532122	0.00543643	0.00328073	0.003414	0.0033689
0.02418855	0.02508405	0.02634858	0.02653047	0.02679829	0.02725405	0.02762644	0.02901936
0.24727826	0.21979746	0.21080466	0.30758223	0.36478607	0.30138977	0.26667375	0.22622461
0.0797627	0.07666306	0.08424173	0.09350173	0.08318182	0.08625725	0.09356506	0.09932118
0.83423103	0.79172558	0.82568421	0.65261479	0.74651338	0.84758714	0.73273541	0.71633962
0.10209971	0.10586215	0.11019313	0.11236259	0.11370163	0.11523008	0.11790068	0.12086186
1.43828002	1.96895112	1.89456131	1.60758851	1.44572018	1.82307814	1.99543615	1.4301369
2.5759733	2.68784577	2.81249246	2.84663561	2.96359172	2.92225126	3.01208573	3.06598138
8.33502913	8.53248798	8.76155107	8.86744681	9.04972887	9.35637017	9.34741495	9.36673364
0.78419436	0.79960897	0.80686216	0.81674542	0.82340366	0.82825949	0.73325254	0.44997963
3.85622662	4.10816745	4.18434712	4.20289998	4.29479748	4.35989965	4.49474912	4.60030097
1.2930901	1.30453302	1.36348415	1.32062211	1.28495945	1.34809187	1.41367158	1.43184089
0.02577074	0.02737591	0.02027361	0.01723641	0.01410206	0.0133928	0.02500117	0.02477111
0.68882146	0.68078264	0.75806423	0.77885536	0.78443972	0.75097824	0.68352936	0.72882108
9.75369984	8.77197831	9.15194296	9.12979204	8.87725427	9.08381113	9.17351947	9.11118996
0.07926313	0.08231313	0.08395125	0.08853531	0.09014008	0.08868006	0.08740803	0.08887216
0.25814935	0.26632229	0.2726598	0.27936713	0.28067393	0.28947956	0.29214127	0.29813002
15.306168	17.0597319	15.0790262	12.8680286	8.36925247	7.8994282	7.04711183	6.659401
0.84885797	0.74723458	0.63677	0.63465731	0.53933125	0.52181715	0.4888687	0.52077799
0.29094474	0.30105038	0.30359384	0.31556806	0.32550567	0.33851318	0.34004938	0.34807753
0.02819577	0.03311764	0.03438037	0.03385829	0.03080697	0.02573363	0.02391472	0.02485946
0.0867145	0.09024462	0.09324807	0.10117748	0.10220615	0.10361024	0.10834454	0.1077883
0.00067043	0.00067557	0.00068877	0.00070386	0.00070998	0.0008867	0.00084866	0.0010447
0.00099834	0.00095602	0.00105022	0.00106362	0.00098112	0.00109086	0.00110579	0.00118189
4.56578204	5.57781473	8.14924573	5.41607948	4.93201038	5.07171748	5.72799425	2.95943356
0.23696336	0.22851985	0.23737007	0.28015483	0.30519667	0.31321444	0.32820862	0.34745452
0.03496568	0.0358045	0.03593063	0.03568303	0.03627916	0.04193925	0.04379445	0.04495358

0.21751242	0.22491641	0.22954752	0.24267759	0.24347558	0.23149973	0.23628344	0.24362954
0.02863528	0.03067408	0.03382839	0.03811331	0.04487428	0.05098021	0.0516555	0.05387607
0.23346807	0.2397511	0.23865049	0.24788913	0.26118935	0.27112134	0.28414523	0.30393547
0.0012982	0.00128744	0.0013139	0.00131571	0.00132401	0.00146345	0.00154755	0.00143281
0.13882844	0.17876508	0.17742064	0.17725248	0.19228963	0.218505	0.21059099	0.21684001
0.0339042	0.03417127	0.03417659	0.03452612	0.03615898	0.03880598	0.03837363	0.03887711
0.61156903	0.78711904	0.85372765	1.06248096	1.09564179	1.2502357	1.3683974	1.47029491
0.05668484	0.05668805	0.05646991	0.05499734	0.05632901	0.05573567	0.05695485	0.0566106
0.06487594	0.06689273	0.06234726	0.0603671	0.05667039	0.05344006	0.0578354	0.05705105
0.01478092	0.01705923	0.01827287	0.02021138	0.02129784	0.01822624	0.01936799	0.02154238
0.20432433	0.20185641	0.20571139	0.21153325	0.22017808	0.22699542	0.24158372	0.24877281
0.04548683	0.04042532	0.03648843	0.0316752	0.02290563	0.02121296	0.02178872	0.02504377
0.08769	0.08938278	0.09350626	0.09959937	0.10382399	0.10803336	0.11197759	0.10682774
0.0039388	0.00395875	0.00356734	0.00406366	0.00409509	0.00757626	0.00686611	0.00842517
3.68576755	3.83841524	3.74020135	3.79807191	3.60864112	3.46783885	3.24447077	2.92720846
0.03922558	0.05012768	0.0452459	0.04137545	0.03880464	0.03767139	0.03508532	0.03592475
0.04169578	0.04256134	0.0424228	0.0432695	0.04591945	0.05020601	0.05000666	0.05110714
0.01806608	0.016389	0.01771568	0.01672624	0.01647774	0.01456231	0.0157078	0.01389636
0.24933926	0.25101035	0.24724743	0.2588859	0.25811349	0.26651719	0.26115211	0.27076732
0.07108454	0.0682823	0.06576996	0.06414729	0.06582071	0.07087725	0.06867354	0.07498959
0.21916924	0.2242998	0.2283238	0.25001914	0.25573896	0.25873576	0.24928655	0.26577092
0.04158625	0.04285733	0.04188728	0.04368208	0.04597967	0.03184083	0.03187959	0.0338555
0.00824334	0.00816009	0.00838005	0.00847426	0.00855825	0.00667525	0.00648432	0.00682083
0.03625175	0.03338727	0.03422587	0.03376642	0.03212252	0.02882605	0.02970641	0.02888606
0.13063024	0.13148153	0.13367397	0.13749398	0.14417493	0.14962617	0.14824568	0.15179383
0.59299015	0.66697275	0.792673	0.73560785	0.91943717	1.06083215	0.91082519	1.01893199
0.02534883	0.03202721	0.03229776	0.03278489	0.03374894	0.03599465	0.03984908	0.03735834
0.01702022	0.01875995	0.01700152	0.01711811	0.0166951	0.02058024	0.01993221	0.0226898
0.03783135	0.0391859	0.04802202	0.04966159	0.05040057	0.03410512	0.0350537	0.03617572
1.61138449	1.68819904	1.75293455	1.74387622	1.81344369	1.90036263	2.02273842	2.08168629
0.05279847	0.05478664	0.05975292	0.06344481	0.06773522	0.06923688	0.06781716	0.06446057
5.00093455	5.0495521	5.09835107	5.14004359	5.07627159	5.08944312	4.70979034	4.69397771
1.81086009	1.79842889	1.76717533	1.83496648	1.81211022	1.80500802	1.83272802	1.84076702
0.1649041	0.16804222	0.17448345	0.17849029	0.1881014	0.19520918	0.20013591	0.1998353
0.24928044	0.25030204	0.25537719	0.25111418	0.25838122	0.26897915	0.28086423	0.29042623
0.16501587	0.16418274	0.16205938	0.16411192	0.17126057	0.17564924	0.18439693	0.19608285
1.6568109	1.69837934	1.7189873	1.75296209	1.8701875	1.85790955	1.85432059	1.83420619
0.04989364	0.051659	0.05409739	0.06469115	0.05951843	0.05811672	0.06764143	0.06191291
0.42454651	0.38899325	0.35835575	0.32868606	0.32716046	0.34954226	0.30205448	0.31651678
0.84632366	0.90619411	0.92513197	0.92839857	0.85606575	0.8154956	0.81276266	0.77410827
0.02239467	0.02135565	0.02328026	0.02181813	0.02184776	0.02313024	0.02615014	0.016613
0.05320504	0.05372876	0.05515336	0.05458226	0.05466777	0.05651915	0.06273136	0.06778762
5.06803705	5.07612681	4.78272479	4.46894387	4.34816104	4.86889262	4.95509216	4.26764589
0.18757063	0.18833148	0.19334618	0.19166451	0.20804028	0.20387648	0.1956279	0.15176587
0.34027927	0.30656285	0.28738686	0.27390486	0.28476231	0.31251751	0.32034554	0.3081668
0.67641239	0.67189629	0.69586776	0.66434924	0.64801654	0.67086416	0.64124435	0.65767622
0.12334379	0.12572876	0.13404533	0.1329477	0.12445586	0.11291693	0.11602916	0.11750238
0.00994073	0.00970082	0.01015412	0.01046077	0.01038893	0.01001143	0.01135159	0.01229915
0.07379477	0.07590357	0.08504941	0.08878178	0.08812839	0.08901486	0.09206959	0.11338074
0.01659924	0.01649142	0.01546352	0.01895415	0.01820612	0.01873921	0.01896616	0.01964792
3.34178194	3.55944598	3.09008796	2.56313548	2.461907	3.12243239	2.5605267	2.17799295

14.3747551	14.9339366	13.6392748	12.6562035	13.4513963	14.9053234	15.5405959	17.0174915
0.11792723	0.1223637	0.14152613	0.08315114	0.08654056	0.06883321	0.06897045	0.07047298
1.97953988	2.0522493	2.06361964	2.15591568	2.20319164	2.22600333	2.23818045	2.29233784
0.54848796	0.78315851	0.8345846	0.69595361	0.61088949	0.63026084	0.61937827	0.64123674
0.3325384	0.3365524	0.34134044	0.34035902	0.34412736	0.34871928	0.36905499	0.39719162
12.8722199	13.1304505	13.4576533	13.8703578	14.6927593	15.0666165	14.2886422	14.8304948
0.05969344	0.06175695	0.06434316	0.06712411	0.06961463	0.06892667	0.07180976	0.07187602
2.59229785	3.18541751	4.70262657	10.0654659	7.44891518	7.46047229	8.12152846	0.79042297
6.1527E-05	4.5888E-05	4.7255E-05	4.6945E-05	5.0408E-05	0.00013371	8.8673E-05	8.8359E-05
0.00482511	0.00486145	0.0049677	0.00508269	0.0051347	0.0058842	0.00616373	0.00649855
0.05558823	0.05592809	0.05999561	0.06238913	0.06820516	0.06789852	0.0666188	0.06748692
0.0857933	0.08203866	0.09121219	0.09391536	0.09360966	0.07457433	0.07847295	0.07906718
0.09577651	0.1003331	0.10487192	0.10927606	0.12137189	0.12666929	0.12699172	0.13232954
0.00029602	0.00029047	0.00017842	0.00023416	0.00023368	0.00017413	0.00016788	0.00018422
0.00167925	0.001716	0.00171132	0.00176151	0.00187772	0.0018727	0.0018286	0.00193914
0.01011395	0.0098089	0.01027273	0.01018665	0.01023678	0.01084935	0.01124307	0.00941269
1.04890426	1.14738655	1.09385644	0.99514498	0.83862749	1.04543386	1.17150053	1.05102817
0.11650552	0.12117931	0.1206939	0.10993408	0.10377218	0.10705559	0.10835071	0.10585533
1.2374776	1.21815124	1.18008125	1.19048602	1.13437529	1.19254247	0.93765909	0.89845885
0.03647942	0.03398583	0.03227532	0.03367935	0.03497475	0.03470817	0.03360622	0.03469043
0.00374898	0.00383088	0.00383893	0.00401143	0.00408117	0.00784202	0.00862858	0.00779829
0.86451793	0.9225928	0.88525573	1.01474711	0.99971147	0.98493625	1.01387854	1.07236929
8.2832E-05	8.2949E-05	8.4351E-05	9.2749E-05	9.4009E-05	0.0002583	0.00026756	0.00036047
0.0590256	0.06051173	0.06169077	0.06367811	0.06937588	0.07179949	0.07007754	0.07169109
0.04562981	0.05172875	0.05072952	0.05573792	0.06068634	0.05982699	0.06066687	0.06241978
1.58930314	1.83568068	1.94922876	1.72038908	1.6859212	1.66786761	1.63180858	1.74783219
0.00660273	0.00563373	0.00605676	0.00596373	0.00492248	0.00432939	0.00483442	0.00510512
0.37323565	0.370094	0.3366051	0.43555657	0.47575803	0.56137133	0.45930179	0.61272374
0.00104558	0.00099804	0.000955	0.00096811	0.00104299	0.00110895	0.00098482	0.00095674
0.0019791	0.00214689	0.00227163	0.00235632	0.00233545	0.00178655	0.00170778	0.00187233
0.03915777	0.04046507	0.04240787	0.04332299	0.04362238	0.04452644	0.04540453	0.0472153
0.44571141	0.43642918	0.40125706	0.39219834	0.41975247	0.44409975	0.42604016	0.34836459
5.8695157	5.78865748	5.07793668	5.50112795	5.61565114	5.70718862	5.22290888	5.55358775
1.35139606	1.29714848	1.33172391	1.32892494	1.3495918	1.39632071	1.7220565	1.76288805
0.41639263	0.42634541	0.43335429	0.45464082	0.48022837	0.51653024	0.53031084	0.55363828
0.20203233	0.20908355	0.21410276	0.21855759	0.22183965	0.22571696	0.2322076	0.24127025
4.14495126	4.42305107	4.77883112	4.04815527	4.15306702	4.59463026	4.55015307	5.30268002
0.05512615	0.06051864	0.06199858	0.06231838	0.07083896	0.05808299	0.05343388	0.04934552
58.9213693	59.1996393	56.4080023	53.8819003	52.6089196	51.2047629	46.4167144	45.305278
0.27737646	0.32679019	0.33038552	0.42521271	0.424916	0.42574442	0.42562209	0.41742802
0.00091753	0.00083375	0.00097481	0.00104261	0.00104734	0.00071766	0.00079597	0.00087231
0.75155715	0.76370988	0.76204336	0.75294481	0.70443226	0.71759652	0.77830276	0.82592103
0.000263	0.00033485	0.00034206	0.00034737	0.00035006	0.00039051	0.0003908	0.00042554
0.50639236	0.5299256	0.57952775	0.61084425	0.61783203	0.64904807	0.6773548	0.71886134
0.00167596	0.00168993	0.00172333	0.00175836	0.00211231	0.00253581	0.00270164	0.00275757
0.00299165	0.00298244	0.00302723	0.00307778	0.00302563	0.00362869	0.00377127	0.00394854
0.6942568	0.71459953	0.73615262	0.75967932	0.78626054	0.80479938	0.83268612	0.84776007
4.56018563	5.61178365	5.66764802	5.34258385	4.72652885	3.42718415	3.83106395	4.22121781
0.63268305	0.66106648	0.68339403	0.60949692	0.67860761	0.60652804	0.57702815	0.56363871
0.26526218	0.25896979	0.25992618	0.26358858	0.28197823	0.26665315	0.26952798	0.26636752
0.0011657	0.00087016	0.00170071	0.00217712	0.00261357	0.00110892	0.00111577	0.0011603

0.00745052	0.00700311	0.00633284	0.00567016	0.00581683	0.00344083	0.00317989	0.00250307
0.01220275	0.01046741	0.00961654	0.00748809	0.01001627	0.00955935	0.01065874	0.01317739
0.00018419	0.00021526	0.00020246	0.00020912	0.00022826	0.00018018	0.00018006	0.0001139
2.162961	2.25133639	2.3598507	2.4387502	2.5424125	2.63404816	2.58855904	2.73914518
0.0046023	0.0046266	0.00382838	0.00515604	0.01850647	0.01866024	0.01841995	0.02030343
0.01893536	0.02005607	0.02108385	0.02312471	0.025332	0.02171327	0.02147493	0.02139805
0.14263853	0.16500906	0.18944086	0.20108531	0.21254125	0.1540926	0.17761376	0.20900027
0.52174689	0.64229944	0.69618859	0.82199274	0.94779471	0.62551591	0.5850555	0.53536292
0.00072995	0.00039291	0.00042131	0.00044336	0.00065236	0.00449381	0.00489611	0.00520135
0.00068142	0.00076847	0.00095635	0.00122425	0.00146968	0.00055788	0.00054277	0.00058475
1.72092893	2.03486742	2.44398207	2.96616027	3.50843963	1.68213257	1.65539068	1.74303703
0.22589526	0.22093477	0.20652539	0.21849433	0.20512989	0.20300396	0.2099228	0.22728861
0.03657871	0.03098296	0.04009361	0.0367968	0.02069373	0.03355956	0.03546802	0.04045056
0.00119361	0.00121281	0.00107485	0.00111346	0.0011471	0.00112514	0.00086905	0.00082325
0.24143466	0.24080067	0.23601976	0.24111433	0.23856386	0.23624985	0.23715828	0.23242981
0.00147544	0.00528023	0.00599528	0.00592754	0.00658388	0.00722726	0.00807076	0.00953928
0.0021957	0.00223872	0.00324181	0.00298137	0.00307144	0.00334636	0.00383097	0.00414489
0.08706804	0.09488421	0.09910761	0.10178368	0.09657662	0.08555253	0.10840831	0.10839058
0.05666141	0.04588133	0.04456746	0.05601235	0.05998954	0.05765385	0.05491621	0.05749151
0.01595798	0.02034731	0.02707661	0.0295157	0.03208841	0.01813284	0.01914904	0.02115592
0.00412828	0.00524088	0.00621609	0.00893392	0.00950912	0.00410713	0.00406875	0.00424229
0.00772958	0.00796223	0.0081965	0.0113266	0.01073211	0.01497806	0.01499213	0.01390086
0.17696862	0.18330777	0.19336575	0.18394229	0.18598713	0.14661691	0.1524358	0.15228143
0.00047222	0.00044451	0.00090909	0.00115527	0.00143029	0.00056568	0.00057261	0.00054433
0.00074146	0.00085958	0.00103812	0.00132892	0.00159533	0.00061927	0.00060923	0.00064613
0.04915761	0.05538651	0.05240072	0.06136445	0.07221049	0.03403511	0.03571871	0.0370239
2.12832642	2.5553922	2.78413421	3.06832869	3.04860604	1.76641114	1.84720013	1.94670456
0.00171133	0.00188391	0.00259945	0.00341527	0.0042302	0.00169027	0.0016603	0.00169269
0.00648515	0.00738716	0.00834066	0.01086175	0.01297703	0.00800453	0.00867007	0.00941716
0.00096745	0.00098843	0.00096444	0.00098307	0.00100851	0.00095835	0.00096544	0.00093212
0.01181959	0.01150725	0.01198985	0.01268334	0.01362697	0.0139894	0.01542611	0.01085297
0.00095584	0.0009807	0.00086917	0.00086659	0.00089277	0.00100578	0.0010434	0.0010767
1.73769729	1.75945245	1.87839459	1.89405978	1.96706944	1.99506328	1.98995156	2.12065807
0.24089521	0.24376326	0.25188637	0.25281512	0.253413	0.26602581	0.24960272	0.23593476
0.30454691	0.37450756	0.44109219	0.54510499	0.64381937	0.29204688	0.28664158	0.30978403
1.00191575	1.41251227	1.08649152	1.06867185	1.24334189	3.89215208	3.96567466	4.42156923
0.01850936	0.01791181	0.01856293	0.01555494	0.01993761	0.01885136	0.01820435	0.01887496
0.0190201	0.01802571	0.01626695	0.01608383	0.013849	0.01615931	0.01605508	0.01814724
0.00353121	0.00344915	0.0032241	0.00325936	0.00314434	0.00683963	0.00555827	0.00600446
0.00466336	0.00329474	0.00226256	0.0028617	0.00264351	0.00373876	0.00488196	0.00370189
0.0003851	0.00043477	0.00048944	0.00055283	0.00056489	0.00038938	0.00036674	0.00019841
0.2282321	0.28350076	0.36054792	0.44135872	0.47598695	0.22049849	0.25004032	0.20916129
0.00019678	0.00019216	0.00017041	0.00021171	0.00021811	0.00036105	0.00037826	0.00039484
0.00037912	0.00042752	0.00037898	0.00037786	0.00038928	0.00113454	0.00127904	0.00143635
0.03555062	0.03973783	0.04447126	0.05735158	0.06834793	0.03679785	0.03965074	0.04483465
0.02465176	0.03075407	0.04164724	0.04548015	0.05003888	0.02630104	0.02678285	0.0254762
0.00049361	0.0005567	0.00067243	0.0008608	0.00103336	0.00054321	0.00053542	0.00055823
0.0126186	0.01301597	0.01358939	0.01417795	0.01472765	0.01510657	0.01565027	0.01571677
0.06900706	0.12919036	0.12907124	0.12962878	0.13630501	0.13649116	0.13805883	0.13874436
2.32715707	2.32080783	2.30685288	2.29551208	2.29009468	2.18731329	2.08918136	1.99688688
0.00537808	0.00525178	0.00469598	0.00468204	0.0048235	0.00297511	0.00297614	0.00311544

0.00012722	0.00014348	0.00017336	0.00022192	0.00026641	0.00011931	0.00012921	0.00011744
0.16015111	0.16135992	0.16372583	0.16106986	0.1601241	0.16007262	0.15555629	0.15435465
0.04646784	0.05877587	0.07412897	0.09394323	0.11738241	0.06476259	0.06491602	0.06964648
0.13404178	0.1280424	0.12460225	0.1385185	0.14584616	0.14870619	0.1561815	0.18170124
0.10443493	0.14143781	0.15970022	0.17548028	0.17804699	0.10213182	0.10955286	0.11486282
0.21658541	0.22429485	0.22474176	0.27255431	0.29122402	0.28921813	0.32306326	0.34530052
0.00430808	0.00468266	0.00360173	0.00215181	0.00190011	0.00190772	0.002308	0.00251011
0.00080541	0.00081352	0.00084115	0.00086485	0.00090383	0.00111494	0.00110882	0.00112292
0.72633674	0.78258446	0.78791942	0.84202174	0.87296501	0.8788823	0.91896276	0.92362795
0.02227335	0.02752677	0.02943454	0.03282837	0.03328195	0.0325603	0.03525365	0.03793078
0.0124577	0.01309939	0.01190835	0.01277909	0.01284351	0.01448594	0.01797875	0.01879774
0.14948726	0.14297214	0.14800143	0.14748635	0.14830269	0.13981376	0.13808287	0.13720821
0.0089856	0.01043438	0.01174655	0.01289941	0.01431056	0.00877727	0.00895931	0.00714703
4.149E-05	2.8338E-05	6.2491E-05	4.3827E-05	5.2616E-05	2.965E-05	3.1989E-05	3.5439E-05
1.13041782	1.12415262	1.1693987	1.21609355	1.20380907	1.19620782	1.17616618	1.18319879
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1.5139436	1.56085188	1.54475237	1.54526758	1.63693281	1.60972003	1.55809609	1.5303606
0.03215238	0.02564058	0.01624148	0.01529496	0.01555673	0.01418922	0.01246149	0.01422928
0.02555336	0.02695282	0.02562788	0.03106162	0.03451584	0.03166346	0.03120828	0.03750485
0.00144999	0.00147529	0.00156757	0.00167786	0.0017802	0.00188724	0.00203343	0.00213262
0.00377919	0.00369044	0.00331235	0.00334432	0.00344536	0.00534247	0.00562098	0.00608652
0.00242718	0.00271403	0.00336234	0.0043042	0.00516706	0.00216223	0.00220693	0.00227155
0.00073561	0.00071831	0.00063657	0.00067649	0.00069693	0.00106981	0.00116603	0.00122235
0.00103287	0.00096126	0.00089382	0.00089117	0.00091809	0.00080507	0.00082334	0.00087783
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0.19416966	0.20264545	0.20838373	0.22268677	0.22480593	0.22322569	0.22569958	0.22612838
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0.00597522	0.00753962	0.00882511	0.00997181	0.01274086	0.00744783	0.0076571	0.00733447
0.23649314	0.16820112	0.1761082	0.30404076	0.40290088	0.21877122	0.16515024	0.12081751
0.02189654	0.02393809	0.02808062	0.03578707	0.04621839	0.02917344	0.03119407	0.03097771
0.03488919	0.03717754	0.04008118	0.04359796	0.04687064	0.04802432	0.0478447	0.04948167
0.00267501	0.00374231	0.00491256	0.01243138	0.01428545	0.00985305	0.01102989	0.01152362
0.09251579	0.09207518	0.09498025	0.10053756	0.108077	0.10089716	0.10031454	0.10171303
0.48563918	0.55940214	0.62552279	0.74980281	0.84433586	0.66484094	0.71697645	0.73619529
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0.07424946	0.08378851	0.08912728	0.10207392	0.112135	0.12293369	0.12584411	0.12363808
0.64553913	0.80639324	0.98594183	1.10797546	1.21634183	0.79345571	0.86553542	0.9522469
0.28362424	0.31898294	0.3757363	0.40293867	0.4135935	0.27979937	0.31398454	0.31046546
0.00623688	0.00705898	0.00673606	0.00773749	0.00860407	0.00924608	0.00912144	0.00892848
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1.13791627	1.15669141	1.17958534	1.21506337	1.21991148	1.203866	1.21018658	1.22148893
0.01611739	0.02213657	0.02782639	0.03823313	0.04799388	0.02125252	0.0210609	0.02272844
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6.37392275	7.30084333	8.96768025	11.1896589	13.2531187	4.36160245	4.50596954	4.56813996
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0.03237144	0.03321742	0.03007639	0.02957952	0.02751959	0.02758505	0.0260667	0.03086759
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0.01847924	0.02045385	0.02158688	0.02946779	0.0300859	0.02757157	0.03368691	0.02887773

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1.62429632	1.96151095	2.43323829	2.55205269	3.19064011	1.26536812	1.34024755	1.46067725
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0.0014018	0.00163446	0.00186634	0.00212248	0.0022529	0.00923487	0.01054577	0.0106922
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0.08539136	0.09488758	0.09049912	0.09111796	0.10090534	0.09684455	0.09896898	0.09772724
0.00030565	0.00034461	0.0004163	0.00053292	0.00063976	0.00039704	0.00042359	0.00037909
0.10696533	0.14854996	0.12567989	0.13123934	0.1416652	0.13438832	0.12446471	0.12097495
0.00060564	0.00059142	0.00052411	0.00050165	0.0005168	0.00140822	0.00142515	0.00151939
0.04723645	0.05122427	0.0531656	0.05363066	0.04709916	0.04430705	0.04297649	0.04423554
0.03361712	0.03450725	0.03754075	0.03918829	0.04443165	0.05223955	0.05311875	0.05326424
0.0386427	0.03877352	0.0400424	0.03769301	0.03449493	0.03623993	0.03925648	0.04058077
0.00939248	0.00905094	0.00963956	0.00980767	0.01077105	0.00728466	0.00707188	0.00718196
0.06699609	0.07032309	0.0732008	0.08487482	0.09052434	0.09273378	0.09789569	0.10153708
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0.00762244	0.00733361	0.00656458	0.0072571	0.00774483	0.00798844	0.00757904	0.00534631
0.00264465	0.0027204	0.00224691	0.0022963	0.0023557	0.00411661	0.00322281	0.00357684
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0.00553884	0.00413115	0.00544287	0.00507379	0.00480437	0.00400624	0.00374936	0.00311399
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0.0121779	0.0128897	0.0133441	0.01355288	0.01570423	0.0174874	0.01912764	0.02214793
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0.01104687	0.01088206	0.00968547	0.00969852	0.00999153	0.0040881	0.00426807	0.00482256
0.00269687	0.00304158	0.00372965	0.00473823	0.00568811	0.00240872	0.00234644	0.00244514
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0.18229079	0.21365169	0.26518628	0.32740803	0.4728634	0.33684051	0.37483713	0.39400536
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0.01064832	0.01260103	0.01418608	0.01602346	0.016373	0.00928574	0.00878463	0.00972109
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0.15157195	0.16891541	0.18803342	0.13214899	0.16039476	0.17119215	0.19607853	0.2190119
0.01626146	0.0184442	0.02042065	0.02446833	0.02828372	0.02087822	0.02076325	0.0213932
0.3725906	0.37967651	0.36575962	0.35775821	0.34802702	0.33311246	0.33195152	0.33107926
0.13043687	0.13236691	0.13339277	0.13540105	0.13557133	0.12807799	0.1294238	0.1249753
0.019537	0.01967951	0.02163838	0.02205538	0.02156105	0.02205525	0.01754874	0.01746569
0.10571516	0.10611334	0.10786644	0.10824514	0.11255212	0.12193556	0.12140233	0.12313269
0.03068972	0.04067619	0.05662892	0.05995993	0.06401449	0.03299041	0.03628118	0.03492653
0.69352289	0.7416397	0.71916264	0.76547701	0.80078432	0.7991851	0.74877231	0.75525504
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0.22550177	0.2610378	0.26551724	0.31253163	0.34071096	0.27166536	0.27487818	0.28679098
0.01712586	0.01785329	0.02102122	0.02079332	0.02369164	0.01260633	0.0125489	0.00729567
0.0096194	0.01028115	0.010712	0.0117104	0.01242995	0.00981273	0.01202608	0.01221054
0.26323333	0.26920333	0.2779874	0.28668118	0.3114835	0.28497505	0.2736504	0.25677873
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0.02668007	0.0222136	0.0123896	0.02893303	0.01327873	0.01996653	0.01807237	0.0182212
0.14877377	0.15419132	0.15738861	0.16482035	0.1716907	0.18262896	0.17520122	0.17977044

0.0477044	0.05090384	0.05850106	0.06512732	0.06827298	0.0451224	0.04814522	0.05068073
0.00618873	0.00684194	0.00786557	0.00888432	0.00907812	0.00457985	0.00500944	0.00517936
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0.14379424	0.16844865	0.17634314	0.1638019	0.13877952	0.16797218	0.14278887	0.15579235
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0.63864917	0.7945922	0.97975189	1.03769382	1.08432166	0.66202394	0.69854111	0.74517373
0.01880549	0.03112857	0.04627549	0.03524729	0.01796648	0.02021725	0.02800803	0.03291698
0.03483518	0.03035234	0.03012182	0.02790891	0.03291021	0.02803265	0.0346808	0.03734158
2.96749426	3.02718234	3.10246538	3.19759958	3.38693172	3.47307047	3.29373621	3.41864116
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0.06409946	0.05842948	0.05792748	0.06897756	0.07654526	0.05993059	0.06187545	0.061831
3.6427E-05	2.1591E-05	2.1597E-05	2.1378E-05	2.3766E-05	7.7443E-05	4.3762E-05	4.3841E-05
0.00149051	0.00168211	0.00189436	0.00213972	0.00218641	0.00150181	0.00154104	0.00157883
0.0027646	0.00265236	0.00247632	0.00246899	0.00254358	0.00154344	0.00194263	0.00202888
0.03083366	0.03334667	0.03641383	0.04468981	0.05646273	0.03547391	0.03562519	0.03457632
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9.9446E-05	9.9767E-05	6.4808E-05	9.5011E-05	0.00010195	8.2374E-05	8.3799E-05	9.5149E-05
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1.8451E-05	2.0809E-05	2.513E-05	3.5386E-05	4.248E-05	7.332E-05	7.5733E-05	0.0001014
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0.02720534	0.03274437	0.02650279	0.03463703	0.04282878	0.05119756	0.04796597	0.05781615

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0.01677986	0.02037816	0.02516419	0.03130918	0.03707892	0.02017622	0.02044564	0.02093607
0.03332814	0.03358422	0.03499208	0.03859413	0.04107493	0.04134452	0.04245454	0.04268099
0.27964	0.29166955	0.29758246	0.29471455	0.29184768	0.28079421	0.24694921	0.25665027
0.48041444	0.39482653	0.41686607	0.43640647	0.44746202	0.40362322	0.40481172	0.44506358
0.01034155	0.01355169	0.01108754	0.01298612	0.01051993	0.01346933	0.01604557	0.0202673
0.00734797	0.00708964	0.00658064	0.00744959	0.00733533	0.00761878	0.00768037	0.00780361
0.44278442	0.3503372	0.43441757	0.36816345	0.32550214	0.32890033	0.34323499	0.38766531
0.03109542	0.03692921	0.0430152	0.05141553	0.05845026	0.03643224	0.03554884	0.03239528
18.2929868	19.3005944	20.4709813	21.3587522	22.7844414	24.4225005	25.6893904	27.0654761
0.0335836	0.10741962	0.10276036	0.15400404	0.1647173	0.16039975	0.1777103	0.17629667
0.00020369	0.00020622	0.00029322	0.00041004	0.00049225	0.00017068	0.00019739	0.0002159
0.37890629	0.47643857	0.52906877	0.68770504	0.83907929	0.35701826	0.38282565	0.40060222
6.6627E-05	9.8529E-05	0.000119	0.00015234	0.00018288	0.00011395	0.00011339	0.00012079
0.07916997	0.09239537	0.10062823	0.12174023	0.14231425	0.11933263	0.12859098	0.15716596
0.00043688	0.00049308	0.00055525	0.00062717	0.00064088	0.00054035	0.00058823	0.00056582
0.00115529	0.0013043	0.00146832	0.0016585	0.00169467	0.00120193	0.00121371	0.00122588

0.05471421	0.06688372	0.08680235	0.09389418	0.10391367	0.05203494	0.05811328	0.05216204
0.42317568	0.410413	0.41630387	0.42206686	0.43763652	0.43145859	0.43968051	0.45850754
0.01471926	0.01182807	0.01180085	0.0114525	0.01117033	0.01238436	0.01297338	0.01358578
0.02208694	0.02055403	0.01801952	0.01755603	0.04130352	0.02423163	0.02333028	0.02164098
0.00078558	0.0007828	0.00076961	0.00078529	0.00079018	0.00076435	0.00077378	0.00079917
0.15429257	0.16418987	0.17193093	0.17028947	0.16876825	0.17274608	0.18024907	0.19153467
0.08071459	0.08555867	0.08772138	0.09017369	0.095249	0.11109424	0.11475917	0.12256206
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0.09263981	0.09299121	0.09301413	0.09451199	0.09605761	0.09745154	0.09863402	0.1005803
0.0010568	0.00107587	0.00110187	0.00113375	0.00114891	0.00111135	0.00108513	0.00108384
0.04657575	0.04904875	0.05190691	0.05514972	0.05819967	0.06337197	0.06684063	0.07227535
0.58674569	0.60143549	0.6188211	0.63190358	0.63899425	0.61083476	0.61766618	0.59924217
0.03450226	0.03512727	0.03463639	0.0343638	0.03415253	0.03352565	0.03331892	0.03399852
0.00085739	0.00089292	0.00093026	0.00093926	0.00095634	0.00096881	0.00098589	0.0009999
0.42323091	0.43537705	0.44889326	0.46302803	0.48042327	0.50257401	0.52010425	0.54649817
0.18746095	0.19322212	0.19357766	0.19808436	0.20218274	0.1979233	0.20581855	0.21192592
0.08090922	0.08329073	0.08511748	0.0897912	0.0945363	0.09309756	0.09394712	0.0977632
0.03781734	0.03815656	0.03843392	0.03721389	0.03532855	0.04817529		
0.17696363	0.18627682	0.21809082	0.24115848	0.25489825	0.26074355	0.25647788	0.26363034
0.0530691	0.0558914	0.05736246	0.06008086	0.06181559	0.06488518	0.06688796	0.06933208
0.11644447	0.11829802	0.12130691	0.12659128	0.13021417	0.1333816	0.13724999	0.1461891
0.87309035	0.91471714	0.97309303	1.01466269	1.05694763	1.08024733	1.10103492	1.14441117
0.1204168	0.12094527	0.12230554	0.12289128	0.11912643	0.11505828	0.11376757	0.10982791
0.00687323	0.00707245	0.00727168	0.0074709	0.00767013	0.00828151		
0.0036435	0.00359628	0.00406882	0.00405145	0.00431073	0.00472807	0.00481133	0.00481915
0.13160752	0.13203962	0.13145256	0.12877889	0.12775451	0.12781125	0.12854882	0.13017047
0.16577368	0.16572108	0.16135338	0.1557094	0.15168663	0.14684713	0.14605322	0.14429851
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0.06858728	0.06885246	0.07134863	0.07410206	0.07691762	0.07798296	0.07945209	0.08135653
2.13705807	2.17674622	2.23342085	2.29722769	2.33313929	2.38452385	2.41823125	2.50230483
0.00367829	0.00370198	0.00375045	0.00371975	0.00377821	0.00375964	0.00377132	0.00385956
0.00476784	0.00490319	0.00485648	0.00486079	0.00497084	0.00519499	0.00530635	0.00554903
1.4047E-05	1.4841E-05	1.5798E-05	1.6901E-05	1.8104E-05	1.9363E-05	2.0778E-05	2.2264E-05
0.01792789	0.01784163	0.01761786	0.01796324	0.01885859	0.01916579	0.01946065	0.01935108
0.02399151	0.02521683	0.02574218	0.02692271	0.0281079	0.02951822	0.0301252	0.03071801
0.65753941	0.68138509	0.69973134	0.73941267	0.71542682	0.72574071	0.73488391	0.7426465
0.13620432	0.13878235	0.1398138	0.14223329	0.14488533	0.1464391	0.14747775	0.14780146
0.66185111	0.67345542	0.68388625	0.69469865	0.70790001	0.72051819	0.73001522	0.74380422
16.5019375	16.9090166	17.2067234	17.7577275	18.0904144	18.4589628	18.6052464	18.6626934
0.12768892	0.13201967	0.13559659	0.13679623	0.14035642	0.14233804	0.14535462	0.15104265
0.11649086	0.12246167	0.13039813	0.1364592	0.14271756	0.14229794	0.14600267	0.15146445
0.17584671	0.18102152	0.17886652	0.1926952	0.18897238	0.20157054	0.24606609	0.25339555
0.01820686	0.01875763	0.01970708	0.0207453	0.02180708	0.02357826	0.02423694	0.02564562
						0.00018172	0.00018925
0.91757225	0.93675432	0.95354383	0.96479625	0.98252527	1.00042387	1.01816534	1.03596667
0.00273781	0.00288405	0.00289843	0.0029108	0.00299353	0.00411837	0.00456513	0.00481009
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0.08365137	0.08592531	0.08921371	0.09327598	0.09605788	0.09829606	0.10125827	0.10325189
0.13097302	0.13745633	0.14519842	0.15324491	0.16130239	0.16289021	0.1634945	0.16853991
						0.0003608	0.00037638



0.01293125	0.01307606	0.01343964	0.01368858	0.0139396	0.01399046	0.01423124	0.01418981
0.19052099	0.1925544	0.19021695	0.18823656	0.18453993	0.18498763	0.18502754	0.18647626
1.69670826	1.82779333	1.8784365	1.90938954	1.98173225	2.06414385	2.02754221	2.1134666
0.00442278	0.00462915	0.00493118	0.00537225	0.00570535	0.00579701	0.00591921	0.00611572
0.00102863	0.00101633	0.00100811	0.00103665	0.00106601	0.0010626	0.00106251	0.00104965
0.12843743	0.13488176	0.14097457	0.14596217	0.15949856	0.17004704	0.1664432	0.1841649
0.0634101	0.0633388	0.06285822	0.06527295	0.06631745	0.06837023	0.06944539	0.06845752
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0.00301189	0.00304699	0.0030821	0.0031172	0.0031523	0.00371972	0.00404286	0.00441669
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0.02390961	0.02278852	0.02230422	0.02151263	0.02170971	0.02254758	0.02227719	0.02218404
0.45007853	0.47572273	0.48901571	0.51407575	0.55077634	0.57552391	0.59243576	0.62510811
0.10548948	0.11026849	0.11279495	0.11502764	0.11788962	0.12081339	0.12174016	0.12399263
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2.5486E-07	2.5486E-07	2.5486E-07	2.5486E-07	2.5486E-07	2.5486E-07	3.7326E-05	3.8118E-05
1.39305681	1.41159447	1.40707958	1.41699674	1.45888232	1.48525226	1.49111382	1.4972229
0.00015929	0.00015615	0.00015267	0.00015073	0.00014843	0.00014805	0.00078668	0.00079745
0.01403954	0.01463379	0.01497352	0.01555345	0.01574125	0.01562874	0.01602451	0.01608693
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0.06271607	0.06360075	0.06420329	0.06177741	0.06023374	0.05970864	0.05907768	0.06080048
0.13967191	0.14501067	0.15094532	0.15436104	0.15800356	0.16721699	0.17149846	0.180288
4.5259E-05	4.4812E-05	4.4693E-05	4.4717E-05	4.4546E-05	4.4511E-05	0.0004761	0.00047747
0.06575731	0.06813258	0.06967391	0.07248523	0.07376264	0.07513778	0.07652472	0.07840091
1.0241E-05	1.0358E-05	1.0486E-05	1.0619E-05	1.0748E-05	1.0866E-05	0.00357777	0.00364007
0.00944743	0.0097408	0.01036545	0.01085565	0.0115724	0.0120118	0.01238864	0.01278707
0.00888794	0.00870463	0.00887153	0.00906503	0.00947677	0.0091493	0.00932799	0.00936796
0.00225949	0.00231111	0.00236274	0.00241437	0.00246599	0.00260984	0.00268582	0.00283111
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0.00133925	0.00134661	0.00133419	0.0013487	0.00128602	0.00110817	0.0011107	0.00118176
0.00114083	0.00115534	0.00116931	0.00118358	0.00119783	0.00091415	0.0009186	0.00092041
0.10057799	0.10155655	0.10193804	0.10442369	0.10697477	0.11197244	0.11461273	0.12139849
0.00248447	0.00249747	0.00251037	0.00252388	0.00253796	0.00219725	0.00231231	0.00244006
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0.10481548	0.10502312	0.10505939	0.1048348	0.10449228	0.1105859	0.1115602	0.11150982
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0.14783274	0.14961447	0.15184209	0.15593073	0.1607258	0.16200109	0.16099855	0.16277347
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0.83902112	0.86550356	0.87908753	0.88536015	0.91255685	0.91799426	0.95661468	0.96873406
0.15555172	0.16439505	0.17276449	0.18566211	0.19907033	0.21047488	0.21660357	0.22524854
0.00592779	0.00593124	0.00620573	0.00632762	0.00631571	0.00640511	0.00639629	0.00651557
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0.03012274	0.03048223	0.03110367	0.03095619	0.03165145	0.03214793	0.03239232	0.033202
0.05132355	0.05224226	0.05323734	0.05490155	0.05651861	0.06207483	0.06317395	0.06732444

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0.8660379	0.86815925	0.89578376	0.90210663	0.93647071	0.98541324	0.99676006	0.98643382
0.02796987	0.02833657	0.0290945	0.03047586	0.03259623	0.03514273	0.03614725	0.03673806
0.04143347	0.04334921	0.04416817	0.04678108	0.04941094	0.05199684	0.05288594	0.0546713
0.05313784	0.05497393	0.05628773	0.05617555	0.05643958	0.05749423	0.06012939	0.06344017
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0.00781571	0.00896496	0.00929791	0.01119812	0.01154737	0.01232097	0.01234261	0.01328154
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5.5559E-05	5.6069E-05	5.6578E-05	5.6069E-05	5.6069E-05	5.7598E-05	0.00548075	0.00587243
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0.008429	0.00791462	0.00768703	0.00886025	0.00807531	0.00847491	0.00869437	0.00814056
0.3417471	0.3547458	0.36623038	0.37894253	0.39960565	0.40147423	0.40615366	0.42642558
0.02927859	0.03037266	0.0317126	0.03237738	0.03226318	0.03106847	0.03135812	0.03060598
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1.03368339	1.0813515	1.12472355	1.15319945	1.18246386	1.18692442	1.21710382	1.25464163
0.03394279	0.036266	0.03922933	0.04235289	0.0447047	0.04624214	0.04692245	0.04904592
0.55654208	0.5968498	0.59644685	0.58802672	0.59276582	0.59914344	0.59632764	0.58958912
0.08131699	0.08439944	0.08640853	0.08880596	0.09517201	0.10145845	0.10670061	0.10594363
0.20402994	0.20948658	0.21361882	0.21811862	0.22240218	0.22646945	0.23048791	0.23722637
0.06434116	0.06274858	0.06258787	0.06126223	0.06058009	0.06055909	0.0613329	0.06304238
0.02492909	0.0260602	0.02794356	0.02828215	0.02866148	0.02860202	0.02893998	0.03033597
1.27144026	1.30713938	1.33621617	1.36907102	1.3790757	1.37402507	1.40455385	1.42032089
0.02793618	0.02953048	0.02958269	0.03067777	0.03129747	0.03279296	0.03343503	0.03492256
0.25570542	0.26070498	0.25997121	0.26388474	0.27196137	0.27708516	0.28080511	0.28312214
0.63492972	0.65119902	0.6640304	0.67867223	0.7062111	0.71884586	0.73423815	0.75383136
2.5486E-07	2.5486E-07	2.5486E-07	2.5486E-07	2.5486E-07	2.5486E-07	3.9525E-05	4.0851E-05

0.01639443	0.01681269	0.01721769	0.01762295	0.01804121	0.01385056	0.05961731	0.06113741
0.65033451	0.65308773	0.65839701	0.66555576	0.6647646	0.66221962	0.66503329	0.66443662
0.03283122	0.03271525	0.03216398	0.03281946	0.03302367	0.03194405	0.03165094	0.03193608
0.21573064	0.21514704	0.21675656	0.22250978	0.2244698	0.23230936	0.23438174	0.23413412
0.21833277	0.22277514	0.22497004	0.22949944	0.23200483	0.2338135	0.23443906	0.22862655
0.06213906	0.06374717	0.06583761	0.06472468	0.06522461	0.06752798	0.06876129	0.07125651
0.00389765	0.0040071	0.00401241	0.00420219	0.00419955	0.00435831	0.00443504	0.00457226
0.00647904	0.00666365	0.00685067	0.00704043	0.00723221	0.007794	0.00043234	0.00045342
0.00523245	0.00525522	0.0052642	0.00575831	0.00583928	0.00737374	0.00758209	0.00780249
0.4240022	0.42637037	0.42653398	0.4238298	0.42500624	0.42848184	0.42624737	0.43876955
2.18966686	2.19244302	2.20680948	2.18311491	2.15182879	2.15158462	2.1431909	2.17552591
0.03955796	0.0398843	0.04135133	0.04596899	0.05201536	0.06040593	0.0626918	0.06610427
0.25542587	0.26585654	0.27500367	0.28523723	0.29259586	0.28478385	0.29218022	0.29788151
0.1567423	0.15668165	0.14987526	0.14144753	0.1330782	0.0003419	0.12674378	0.12702697
0.34789214	0.35932829	0.37414112	0.38483837	0.40709923		0.37110387	0.38518862
0.11442056	0.11776551	0.1205756	0.12676673	0.12677074	0.12633569	0.12978086	0.13008741
0.03449016	0.03529201	0.03608434	0.03687526	0.03767605	0.04383892	0.04521461	0.04698628
						4.79E-05	4.6567E-05
0.00330466	0.00346978	0.00355791	0.00352685	0.00349041	0.0035196	0.00361551	0.00371283
0.03016928	0.03085732	0.03021381	0.02984027	0.02972088	0.03389541	0.0351939	0.03764246
0.05678223	0.05750593	0.05786191	0.05928026	0.06260147	0.06684349	0.06728762	0.06937539
0.04559376	0.04662998	0.0476662	0.04870243	0.04973865	0.06782543	0.07070488	0.07374493
2.2983E-06	2.258E-06	2.2176E-06	2.1772E-06	2.3013E-06	2.2578E-06	0.00012016	0.00011989
0.00105116	0.00107292	0.00108809	0.0011284	0.00114817	0.00118232	0.00120805	0.00128681
0.00442067	0.00451065	0.00450006	0.00449524	0.00455774	0.00447199	0.00452313	0.00452511
0.12367345	0.12535851	0.12511784	0.12356108	0.12175019	0.1210068	0.11957891	0.12086391
0.0351669	0.03521957	0.03544227	0.03611499	0.03646972	0.03571103	0.03570991	0.03547677
0.15247691	0.1543499	0.157036	0.15770455	0.16134059	0.16294092	0.16346365	0.16749591
0.00934612	0.00957676	0.00993486	0.01032337	0.01051863	0.01100734	0.0111262	0.01151651
0.00044102	0.00044662	0.00046339	0.00046776	0.00044791	0.00061079		
0.16535562	0.1700202	0.17481756	0.18974289	0.1894739	0.20457303	8.5824E-05	8.808E-05
						0.00016813	0.00018292
0.06558	0.07166115	0.07646026	0.08177019	0.08474754	0.08790707	0.09128372	0.09485245
0.03664565	0.03841627	0.0385501	0.03879128	0.03982375	0.04135887	0.04253721	0.04317472
0.61172052	0.61988441	0.62536289	0.63287047	0.63017308	0.64023085	0.64732501	0.6506602
0.04643851	0.04719281	0.04865539	0.05027999	0.05096422	0.05094545	0.05185446	0.0528426
0.05183503	0.05296595	0.05439182	0.05660601	0.05879158	0.06148581	0.06213862	0.06453723
0.00760704	0.00751086	0.00729835	0.00708202	0.00704795	0.0075952	0.00777744	0.00835916
						0.00097806	0.00100365
0.01244368	0.01272229	0.01292205	0.01336371	0.01381066	0.01448206	0.01453207	0.01487207
0.13266796	0.13665761	0.13974058	0.14304572	0.14461733	0.14491961	0.14621238	0.14689257
1.05087958	1.06148766	1.07829932	1.10051162	1.10690898	1.11022839	1.12855093	1.13720268
0.3481749	0.34760111	0.33963593	0.34002778	0.33876509	0.34217181	0.35220658	0.35144571
0.26537623	0.27349926	0.28513097	0.2922815	0.29408152	0.3056269	0.31403178	0.32227895
0.1536394	0.16233272	0.17042411	0.18306328	0.1887145	0.19983047	0.20661049	0.22238818
0.70924521	0.69674354	0.67965194	0.67264457	0.67413553	0.67419843	0.66772296	0.66989484
0.04766523	0.04814019	0.04889651	0.0503142	0.05113104	0.04892846	0.04901537	0.04807975
6.36080154	6.53991039	6.73216472	6.93736285	7.12452706	7.26060281	7.32961181	7.40050719
0.28459747	0.28266095	0.27876836	0.27120929	0.27112914	0.27555292	0.27931856	0.29015876
0.00116441	0.00116715	0.00118127	0.00119852	0.00121612	0.00125789	0.00125899	0.00132238
0.23565609	0.24500673	0.25316393	0.2621274	0.27526107	0.26143162	0.26634607	0.27253612

						0.00017563	0.00018112
0.60546528	0.64227339	0.66261196	0.69747041	0.73239498	0.75403174	0.76210491	0.80272331
0.00171646	0.00181527	0.00184405	0.0018764	0.00191088	0.00192838	0.00197242	0.00202104
0.00188746	0.00193381	0.00196769	0.00209246	0.00216005	0.00223785	0.00225003	0.00229252
0.14043524	0.14606495	0.1531386	0.16045057	0.16497416	0.17041122	0.17532462	0.18163462
0.50586024	0.51683785	0.524114	0.53949441	0.5549351	0.57598187	0.58425541	0.58997408
0.08048123	0.08127804	0.08165265	0.08223789	0.08276654	0.08102528	0.08327786	0.08685716
0.09198837	0.09377784	0.09495872	0.096275	0.09743705	0.09563487	0.09676158	0.09844003
11.3692902	11.9860181	11.7495186	11.0832852	11.2605947	11.5783376	11.74669	11.1559376
655.154522	708.098753	665.936439	652.511515	636.97287	611.427012	645.819408	621.659486
212.416864	211.020777	209.217585	209.288986	194.574611	198.945903	192.158174	191.330662
562.083285	559.480555	558.821957	532.044438	507.611656	520.782234	512.835516	498.684316
1237.98004	1266.93093	1225.03199	1224.18327	1196.9295	1213.47028	1235.62412	1257.94067
217.961222	216.441806	220.516128	225.47698	224.427207	232.593992	228.382186	227.073895
687.294969	710.045669	721.306889	750.525074	768.329249	768.262381	782.746378	790.797315
4.61962705	5.89365786	6.26477928	5.7438479	5.60528792	6.1955711	6.71577903	6.22030546
276.329106	276.157417	274.736759	271.379896	269.625	269.248718	264.150182	263.222246
17.7178117	18.8029544	18.0979083	16.812363	16.3628392	15.6376151	15.9592757	16.0416656
125.320383	121.722011	118.44021	105.237515	100.11705	93.1530179	90.7348876	89.0550392
1.19524351	1.19465323	1.2229214	1.17231443	1.11464147	1.14482963	1.1063816	1.0905252
0.80380695	0.87218643	0.88669405	0.92456205	0.9621638	1.00944012	1.07524802	1.13452862
0.65669032	0.64996065	0.70048867	0.82573362	0.77038914	0.80467318	0.79755428	0.8028943
5.0136226	4.86028514	4.63119751	4.43519199	4.15355208	3.72129865	3.57661101	3.39619059
198.640276	198.884877	197.321235	194.31328	194.951605	193.179329	188.716366	186.644181
67.7279226	73.435317	78.3013858	81.9234159	81.4931588	85.1842955	80.0694483	83.6627599
146.972645	150.025962	150.237605	150.508236	149.894405	147.127326	146.109543	144.939926
7.44846468	7.59042641	7.62389696	7.48907781	6.80129437	6.92268666	6.83159468	6.78572501
0.26372394	0.2717571	0.25453982	0.25421717	0.24035328	0.21218521	0.20910716	0.19332897
1.67668719	1.67409763	1.70712956	1.62492025	1.53484978	1.57127569	1.50452381	1.47824119
10.6499837	11.7429135	12.0318919	14.7508606	16.0393277	18.0959918	16.3815703	15.6442592
98.3304384	101.334256	91.5051604	65.0153282	59.900792	62.6606328	59.6071677	56.711496
8.03016802	8.20718548	8.30026363	8.47993551	8.51752741	8.40143633	8.28421029	8.23689307
8.94101824	9.40990286	9.64160884	9.68052118	9.85107464	10.1182634	10.2046529	10.3234912
91.3382406	97.5302892	98.2584783	100.71227	106.391203	105.175493	106.63006	111.692468
3173.68975	3170.89255	3194.88694	3022.19069	3101.91883	3037.44078	3073.59403	3074.21012
1812.62664	1821.08524	1882.53844	1895.37614	1879.32495	1941.6133	1928.07194	1961.53634
3940.51247	3831.07716	3856.34394	3856.33592	3699.23896	3874.76363	3897.54871	3891.54109
8182.13143	8520.39506	8740.28761	8918.35718	8994.15508	9375.56823	9580.16836	9718.85821
1431.44035	1449.51723	1494.22636	1508.14146	1541.90982	1595.19018	1619.68383	1699.30514
5035.21134	5241.24839	5317.44199	5441.51988	5603.04985	5781.06965	5810.09944	5961.75419
12.3869778	13.6973249	14.1629165	13.667721	13.6084828	14.6191348	15.3702872	14.3922349
3929.7033	3929.94431	3870.84128	3854.99578	3877.52503	3850.45984	3848.90051	3876.22315
300.995462	291.515244	297.905527	291.591574	293.288442	291.001296	288.1859	290.070063
2277.13739	2369.61896	2377.65869	2293.70051	2267.02835	2361.92171	2362.25933	2284.20939
11.4871957	11.3556038	11.5212756	11.702555	12.1170313	12.2686982	12.2362742	12.3148541
5.55747117	5.81034737	6.12521746	6.25713404	5.7423954	5.91456289	6.19295598	6.52159785
4.67934729	4.66024883	4.84385616	5.07833788	5.01806973	5.30023609	5.40772559	5.7013618
35.5902894	35.8958637	35.4992344	35.2314424	35.0004849	34.432585	33.6103924	33.7813135
1256.1786	1264.15466	1271.50741	1272.71752	1280.29809	1293.07485	1282.2891	1289.20187

466.486007	493.010485	521.349028	542.165663	560.193143	591.385521	593.980059	662.814711
1338.12653	1372.49881	1341.16561	1364.2862	1383.51999	1382.1201	1382.91268	1403.34962
68.8716453	67.0143016	70.0317242	69.5676659	70.2635919	65.5225559	65.2109452	64.8275682
4.49347731	4.58938343	4.70602643	4.73098939	4.65536386	4.75494666	4.96913106	5.00284891
15.4274116	15.3665407	15.568789	15.8852602	16.2414007	16.2855005	16.2114935	16.2852287
49.1495104	52.5713326	54.1596341	58.7417897	59.7931182	67.6854523	65.182236	62.4068898
345.878482	356.152012	340.657097	316.321371	305.064393	309.263513	299.70733	287.411308
64.4299298	69.7251755	75.0308596	81.5833909	89.0830175	73.6182389	75.0455321	78.2373949
76.9242138	78.9452465	80.4628876	82.3985067	83.949912	84.6963298	86.0369853	87.1921197

2003	2004	2005	2006	2007	2008	2009	2010
0.03614285	0.04085714	0.05028571					
0.03860476	0.06002857	0.01031905	0.04216666	0.0418	0.03017143	0.02671428	0.02262857
1.16254275	1.36017605	1.03494276	1.24441416	1.36379035	0.91724277	0.80708563	1.03452369
0.00471429	0.04965714	0.04462857		0.02262857	0.01131428	0.01398571	0.011
1.57451889	1.76618078	1.61637127	1.50092368	1.44079036	1.44466654	1.49023797	1.69557128
0.01623809	0.02252381	0.01435238	0.03530476	0.05395238	0.033	0.04085714	0.03142857
0.10842857	0.05814286	0.04902857	0.06694286	0.05594286	0.09742857	0.06123333	0.0514381
0.05866667	0.05395238	0.05395238	0.05395238	0.06652381	0.04766667	0.06023809	0.04504762
1.73077112	1.87293301	1.84642825	1.857533	2.03259011	1.85334252	1.82552825	1.97633299
0.37242857	0.38185714	0.385	0.38028571	0.38814285	0.31742857	0.44628571	0.52171428
0.02938571	0.0209	0.02687142	0.01712857	0.02168571	0.00817143	0.01037143	0.0132
					0.90859993	0.95914756	0.92085707
6.1551806	5.57170919	5.08828538	5.52110918	7.15314242	6.30650908	6.28000439	6.42771861
2.20895694	2.08476171	1.9698379	2.47950452	2.43189025	2.34420454	2.49113309	2.76629021
0.03142857	0.03771428	0.055	0.05342857	0.04085714	0.03142857	0.03394286	0.02671428
0.39191422	0.39516184	0.36666661	0.36561899	0.38667613	0.37871422	0.3661428	0.29108091
29.2421862	29.9781382	21.1180586	23.5030677	21.4833109	20.4613063	24.608882	21.3701159
0.03268571	0.06914285	0.05185714	0.08485714	0.06285714	0.03771428	0.06599999	0.07034761
0.022	0.05421428	0.03781904	0.02949047	0.04017619	0.0242	0.04929047	0.05007619
0.4010809	0.4709047	0.48295233	0.45833328	0.49437137	0.35912377	0.49086185	0.45037138
0.04667142	0.0860619	0.10004761	0.12047618	0.10790476	0.12225714	0.11785713	0.09700951
0.02488095	0.02702857	0.12424761	0.17191428	0.13954285	0.10512856	0.10905713	0.10848094
0.01037143	0.01178571	0.00628571	0.00911429	0.00460952	0.00565714	0.00408571	0.0055
0.24535237	0.27615237	0.23309522	0.19066665	0.22115237	0.16604761	0.14509523	0.2430476
0.48399991	1.24268564	1.28511421	0.82877134	0.87402849	1.00917131	0.83285706	1.06432846
0.08223809	0.06809524	0.06809524	0.0585619	0.0563619	0.05185714	0.10999999	0.06966667
0.15059523	0.16913809	0.13074285	0.18469523	0.10711904	0.14184761	0.18893808	0.18773332
0.11157143	0.03614285	0.03378571	0.03928571	0.03142857	0.01728571	0.02734285	0.05950475
0.20894759	0.25027616	0.0832857	0.18878093	0.23330474	0.2295333	0.18081902	0.19260473
2.51224262	3.03772832	2.94485692	2.667395	2.46667122	2.46263788	2.65927599	2.5563474
1.52952372	1.37395231	1.24928565	1.19533326	1.12215707	0.99843328	1.0068666	1.03808563
0.05259047	0.0563619	0.05259047	0.03184762	0.02781428	0.06390476	0.07940952	0.0585619
0.03195238	0.17547618	0.1880476	0.1712857	0.17285713	0.16080951	0.18071427	0.18857141
0.00157143	0.00157143	0.00157143	0.00314286	0.00314286		0.00157143	0.00314286
3.79238088	3.80144279	2.98529516	2.80814278	3.05957134	2.69526182	2.74696183	2.76099989
2.07480949	1.91766664	1.76366664	1.73171425	1.98261901	1.87104757	1.93023805	1.8940952
						0.09994286	0.07857143
0.33314286	0.29857143	0.29857143	0.253	0.242	0.14457143	0.19328571	0.242
0.09947142	0.21036189	0.20721904	0.28589521	0.19485713	0.2430476	0.27206665	0.26054284
0.08223808	0.07914761	0.08957142	0.09742856	0.09763808	0.09899999	0.06144285	0.08737142
0.71971428	0.67676189	0.67257142	0.68723808	0.64899999	0.45990475	0.46619047	0.32601904
4.10954704	4.34033748	4.58726126	4.23122797	4.53252316	4.79809456	5.89568495	5.39345645
17.1070926	17.9949497	19.412378	21.1050682	22.1268109	23.2943298	23.8765965	25.2412249
0.1272857	0.08485713	0.05342856	0.07951428	0.05091428	0.08972856	0.11424284	0.09067141
1.56304739	1.76832831	1.55466645	1.8961902	1.63952356	1.8815235	1.74899972	1.82547593
0.03184762	0.00544762	0.19621902	0.2190571	0.1676714	0.2168571	0.23571424	0.19139997
0.07715714	0.06804285	0.0302238	0.03954761	0.03127142	0.03237142	0.05479047	0.03624761
1.12880941	0.96433323	0.92714276	0.93080941	0.96695226	0.81766656	0.87947608	0.93080943
0.00995238	0.01194286	0.02870476	0.01079048	0.01257143	0.01854286	0.01812381	0.02110952

1.0531714	0.99974284	0.93814284	0.11518571	0.76659521	0.86622378	0.72416664	0.66309044
0.14142857	0.11942857	0.12257143	0.12885714	0.13493333	0.154	0.154	0.18542857
0.09119523	0.10931904	0.09344761	0.11974285	0.06835714	0.10099047	0.06641905	0.11151904
0.02702857	0.0154	0.01005714	0.01508571	0.00597143	0.01194286	0.08705714	0.06694285
0.20695711	0.26368568	0.20947139	0.18102854	0.1797714	0.16814283	0.16028569	0.15242855
0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143
0.0561	0.05788095	0.02493333	0.02535238	0.04085714	0.0176	0.01712857	0.0382381
0.03142857	0.04085714	0.05028571	0.05028571	0.05028571	0.05028571	0.05028571	0.05133332
0.2608571	0.34445711	0.24985711	0.26714282	0.27185711	0.2773571	0.28599995	0.30862852
					0.28615714	0.32119999	0.27761904
0.08705714	0.08176667	0.06332857	0.08145238	0.0877381	0.10528571	0.10114762	0.09643333
0.45938094	0.46503808	0.42480951	0.4630476	0.43057142	0.36666666	0.33628571	0.34990476
							0.01697143
2.91803792	2.97104744	2.75178078	2.80740937	2.90970932	2.75125698	2.8870284	2.91238076
0.01257143	0.01052857	0.01131429	0.01571429	0.01288571	0.0066	0.00345714	0.01602857
0.19642854	0.08957141	0.07401427	0.0788857	0.08045713	0.08799999	0.09899999	0.10811427
1.13059042	1.54743804	1.27013327	1.37070469	1.40024755	1.08260946	1.52323803	1.27180947
0.20465235	0.15368569	0.16227617	0.23592378	0.16059998	0.29097614	0.1943333	0.49044278
0.04080476	0.03163809	0.01707619	0.04819047	0.07019047	0.0755857	0.07783809	0.07883332
0.02671429	0.03195238	0.02671429	0.02461905	0.04138095	0.03090476	0.03719048	0.04190476
0.00942857	0.01571429	0.01885714	0.01571429	0.00628571			
0.08485713	0.02943809	0.00036667	0.00377143				
0.63930944	0.6636142	0.54366183	0.54711898	0.54654277	0.56744279	0.63286659	0.65916182
3.7867232	4.19534695	4.46290881	4.02060415	4.45557546	4.58018972	5.33101819	4.72298018
0.39442852	0.40511424	0.43298091	0.48054282	0.46598091	0.49510472	0.54245711	0.53156186
0.79482848	0.96119039	0.96380943	0.96380945	1.18695229	0.98371421	0.98738087	0.94914278
1.69567612	1.57247612	1.68038088	1.75633325	1.85166658	1.74899992	1.92091419	1.86842848
0.22125711	0.20114282	0.16971426	0.20114283	0.22942855	0.13891426	0.12099999	0.35137141
0.05238095	0.05290476	0.05080952	0.05133333	0.04714285	0.05018095	0.05185714	0.05510476
						0.02849524	0.03127143
0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00157143
0.33785713	0.46985713	0.43842856	0.50442856	0.55314283	0.59714283	0.59714283	0.81661902
2.11922855	2.2557333	2.31565711	2.42890473	3.04212855	3.44064284	3.88687617	3.55886664
0.38369043	0.38499995	0.31428567	0.33576186	0.38447614	0.26871425	0.24304758	0.24409521
0.16793332	0.21114759	0.25781902	0.25142855	0.31407617	0.32979045	0.3645714	0.19485713
0.06757142	0.09192855	0.08789522	0.08642856	0.08894284	0.08234284	0.08632379	0.11911427
0.00298571	0.00314286	0.00314286	0.00314286	0.01037143			
0.09213809	0.1707619	0.20784762	0.14954762	0.15117143	0.18909523	0.23157619	0.1864238
0.12361904	0.10580952	0.10947619	0.11209523	0.14719047	0.10999999	0.08223809	0.10423809
0.06269999	0.06851427	0.07102856	0.05122856	0.03708571	0.02514285	0.03299999	0.01917143
0.04085714	0.04085714	0.06285714	0.05657143	0.06180952	0.05342857	0.03205714	0.03457143
0.30894281	0.49971423	0.47142852	0.31763806	0.37735235	0.29249521	0.32151426	0.25064281
2.12949502	2.06014264	2.19329505	1.92730459	1.98523791	1.86214266	2.30722354	2.52669973
0.04274285	0.03315714	0.03268571	0.02545714	0.02095238	0.0198	0.033	0.033
0.30957142	0.3329857	0.36409997	0.5215571	0.54999996	0.54999996	0.55942853	0.56571424
0.00314286	0.00785714	0.00785714	0.00785714	0.00785714	0.00754286	0.00785714	0.00785714
0.16761905	0.1927619	0.20533333	0.231	0.22366667	0.19569524	0.22942857	0.23571429
2.00990942	2.07459989	2.12457132	2.26668085	2.1177618	1.78095229	2.49563799	2.33063798
0.51872855	0.39097141	0.40417141	0.40071427	0.42585712	0.40961903	0.44345712	0.40589997

0.03451904	0.07364761	0.05018094	0.06002856	0.05248571	0.04965713	0.0739619	0.11073332
0.11329999	0.10507618	0.10444761	0.10444761	0.1094238	0.10015237	0.11010475	0.11544761
6.00741361	5.61508033	5.46259936	5.85540408	5.49722316	5.05706604	5.32745649	5.94743737
							1.66880475
0.31952377	0.34152377	0.37452376	0.31271425	0.34623805	0.3488571	0.39846186	0.41129519
2.20020925	2.50103305	2.13478552	1.96543793	2.15180938	1.77571414	2.38857126	2.23666648
0.43999996	0.4665571	0.37211425	0.46776186	0.46933329	0.42690472	0.44209519	0.40595233
0.01571429	0.01120952	0.02137143	0.03268571	0.03268571	0.044	0.0621238	0.14760951
0.04714286	0.04714286	0.04714286	0.05028571	0.07857143	0.07228571	0.05971429	0.10821905
0.02103444	0.02143787	0.02363209	0.0255172	0.02567987	0.02478196	0.02833612	0.03115203
0.04119276	0.0395727	0.05326363	0.06856883	0.09819757	0.20723773	0.3648974	0.46704968
1.25759622	1.30309473	0.97914893	1.93518486	2.30328806	2.92952426	3.46545658	3.65706844
2.4656E-05	2.0146E-05	1.7981E-05	1.7016E-05	1.7598E-05	1.4188E-05	1.5906E-05	2.1997E-05
1.04626577	0.88531901	0.70722508	0.93747368	0.72089018	0.65217448	0.56017393	0.57073146
0.18504693	0.18803172	0.19101624	0.19400103	0.19698555	0.19698555	0.19997034	0.20295485
0.12236983	0.12833909	0.13132372	0.13132372	0.17012391	0.298463	0.48649469	0.54618729
28.6800055	31.72512	33.1860793	33.8525859	38.7974756	37.0751725	35.3227934	39.8076577
0.82379004	0.99435121	1.14996784	1.14573549	1.48674297	1.63008045	1.51973129	1.63664301
0.01002627	0.01017599	0.01054373	0.01177607	0.01201302	0.01258135	0.01529932	0.01801709
17.4501582	17.398939	17.8489855	17.582335	17.7534087	17.9209842	18.511601	18.8086892
14.1079002	13.6247516	13.272449	12.9303533	10.9645142	11.3054947	10.3889268	10.582368
6.01199347	6.03377738	6.63573527	5.96990736	6.1184424	7.43896586	6.98188686	7.15749553
0.02413708	0.02764943	0.020434	0.02523754	0.03806254	0.01957485	0.01875104	0.02625638
31.0700299	31.0637544	30.6101873	28.2932623	24.9296622	28.9748751	27.0074315	29.3893654
0.70692863	0.82659896	0.92140456	1.04140406	1.07273181	1.10720867	1.13853642	1.17947632
0.16665833	0.14038455	0.13420051	0.13110273	0.17090646	0.1648156	0.1497671	0.1502677
6.77652366	7.43358553	7.42819875	7.61588756	7.84077414	8.0674326	8.1279116	9.08584625
2.55338785	2.12995611	2.13329483	2.36423002	2.07061697	1.82717583	1.59334306	1.7473039
0.20838625	0.22363881	0.23590633	0.19165274	0.20060657	0.22530642	0.23111143	0.22481296
0.04956722	0.05347863	0.05260169	0.06575996	0.0735467	0.07415362	0.06491573	0.08283547
1.73318091	1.69881921	1.90541724	1.52668617	1.67816402	2.01929435	1.27928479	1.58437804
6.916804	6.84553013	7.13709693	7.34973856	7.31255257	7.52876223	6.9118477	7.29027467
0.00902892	0.00826388	0.00910716	0.01034342	0.00929557	0.00871294	0.01114204	0.01480596
0.01049176	0.01059947	0.0113927	0.01392746	0.0155375	0.01520577	0.01404955	0.01998568
1.69192939	1.80922089	1.8433477	1.94595488	1.97706815	1.92868796	1.93688164	1.97120252
34.5679487	35.0437639	34.3058973	34.4125	36.0278517	37.9126018	37.0563868	38.0685812
0.0284383	0.02809953	0.02902614	0.03137666	0.0294051	0.03539973	0.03864107	0.04545789
0.0598571	0.04814249	0.05112701	0.07563177	0.10860735	0.23710329	0.21724287	0.099697
0.01176468	0.01285575	0.01234709	0.0129514	0.0176416	0.01581013	0.01785478	0.02443193
0.30521929	0.24880256	0.18430566	0.19066356	0.30706682	0.20391185	0.24982842	0.19308501
0.0366065	0.03387846	0.02991635	0.03072911	0.02781781	0.01861377	0.01729555	0.01662178
87.4817188	84.4916136	87.1636232	82.6843645	88.316478	87.9434151	83.6056683	81.7777098
17.5294116	17.3973716	17.7239395	16.7339096	14.8919351	15.8023009	15.527987	16.6474706
4.27419682	4.91507203	4.43420531	4.41294692	4.88678963	5.02048234	5.24202294	5.98365504
437.513366	494.388672	521.631695	545.018429	559.192757	543.709577	556.955848	585.755544
1.40444684	1.40323901	1.07657198	1.4736576	1.38818809	1.39285996	0.77136783	0.83076883
0.57287282	0.53790222	0.48420107	0.40861974	0.37679826	0.36354299	0.36039391	0.36570489
0.01259694		0.03464143	0.02834297	0.01574602	0.00314908	0.03779052	0.02519388
0.0780721	0.01492314	0.05586304	0.05868296	0.06796595	0.08039859	0.09896454	0.10841239
0.0018891	0.00328487	0.00470938	0.00508455	0.00562143	0.0053149	0.00496294	0.00639652



6.40159669	5.80055985	5.90870348	6.90570861	6.93043322	6.86135642	7.362532	7.50582152
0.01852303	0.01905149	0.01652624	0.01908089	0.0113733	0.01027124	0.01223729	0.01356596
0.05196909	0.05331357	0.07461871	0.07854789	0.08056883	0.07081415	0.06599166	0.06582772
0.55356822	0.40913472	0.41597076	0.45166656	0.46094838	0.45799202	0.46125325	0.40899128
3.50846428	4.02945964	3.75066734	2.81126024	2.79403596	2.68853341	3.38774533	3.98789171
0.00924341	0.00855685	0.00899365	0.00986841	0.01149854	0.01213877	0.01305588	0.01597153
0.27073442	0.24324371	0.55326857	0.67816962	0.65566822	0.63349308	0.63591667	0.5827158
16.1219778	15.696098	13.4343834	14.070779	12.2672037	12.7657733	12.4653261	14.4378126
173.865704	164.090234	160.733771	169.033493	130.019084	154.075818	143.155411	150.69857
0.11843369	0.10842199	0.09263501	0.08597022	0.08063967	0.07872289	0.06782197	0.0712098
0.002195	0.00248095	0.00248929	0.00268663	0.00329616	0.0030274	0.00351225	0.00449976
6.81599304	6.62897133	6.54417952	6.2850719	5.85866834	5.69786799	5.61339108	5.97727745
1.07756197	1.2174234	1.35204668	1.54822695	1.60309805	1.62107949	1.62467663	1.55050867
10.6797096	11.5155221	12.5004213	12.1934583	13.6019101	13.5746349	17.4046375	16.8060023
4.08479824	4.51304375	4.96903508	5.25605936	6.23536707	7.14257286	7.32760865	6.16018418
11.6309977	14.3893334	17.5324009	18.0812342	19.7503317	20.6831051	22.3263924	22.4435825
0.08425725	0.08724204	0.08409265	0.07812334	0.07517659	0.06245289	0.05913921	0.05913921
0.05558236	0.05298107	0.04885414	0.04265865	0.0410269	0.04329481	0.03618801	0.03210777
33.3857403	36.6117547	36.9699907	37.8862767	35.7369876	33.7222405	33.0489346	35.3912854
0.77880527	0.76059182	0.74298764	0.66224123	0.64059185	0.62128493	0.57184108	0.58055862
1.44633728	1.3406017	1.15105565	1.23049751	1.37538229	1.41032001	1.38509385	1.35086756
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0.00063079	0.00067016	0.00068433	0.00085391	0.00083347	0.00085323	0.00099112	0.00110537
103.558959	107.798934	104.879145	99.7224682	90.7956496	97.529919	99.2816829	97.2859122
0.17751839	0.18399456	0.19636778	0.19620321	0.22142396	0.21860374	0.22163424	0.31263988
106.327862	109.915332	106.1488	101.069743	96.4928699	101.056973	94.597928	105.803759
0.58828929	0.68416596	0.99688612	0.98143164	1.12776314	1.30876376	1.1341093	1.1593056
0.67513069	0.70867777	0.6666759	0.65474462	0.87721837	0.69525956	1.15973861	0.8549163
0.23338472	0.22752296	0.21285873	0.21830944	0.20637606	0.18518547	0.19202637	0.21086265
0.03722125	0.03554506	0.03607299	0.04025017	0.04086528	0.03905696	0.04471543	0.05822647
0.04480488	0.0443421	0.04034507	0.04331069	0.04129177	0.03784998	0.04017238	0.03841951
0.0374928	0.03656404	0.03347848	0.03401925	0.03272709	0.02815448	0.02851113	0.02725668
0.0585184	0.06150292	0.0795754	0.09748306	0.10660175	0.10361723	0.11870493	0.12467397
14.1985346	13.3972515	14.0511015	13.9415221	12.6762324	12.3996931	10.6131256	9.47509609
0.00426932	0.00406023	0.00435981	0.00487917	0.00505702	0.00537742	0.00609286	0.00767755
	0.32650503	0.33286281	0.33280347	0.34236981	0.34557837	0.30107391	0.28185702
0.66602243	0.69039312	0.56491805	0.5828257	0.62808914	0.61300114	0.56806743	0.61415319
0.01138269	0.01094741	0.0108893	0.0103935	0.01142594	0.01178717	0.01740203	0.01916518
0.20600568	0.23133649	0.31677648	0.22820249	0.26030496	0.27543244	0.16445536	0.26204895
2.43861228	2.40662257	1.73246767	1.69875977	1.69321903	1.69300279	1.66279432	1.6556704
0.90177425	0.6813595	0.66508169	0.67056328	0.27846673	0.45286501	0.44681016	0.25039514
3.92476859	3.83973974	3.87265791	3.62741793	3.31846275	3.4065093	3.45330587	3.51191415
0.28863816	0.24183171	0.24813019	0.25741318	0.22874105	0.23769487	0.21217183	0.21050396
16.905436	16.8516157	17.3960602	15.8743834	13.0798692	13.3096607	13.0715696	13.8474066
43.2158768	45.043223	42.3119585	37.8650798	37.4815891	34.4232642	30.6308605	27.3669298
124.650181	127.236281	127.394714	128.179927	124.952404	155.89058	157.807873	161.521701
10.2459209	10.2913451	10.8290757	10.6039262	10.3422084	11.1937849	10.5308131	10.8153761
109.63467	118.387982	124.371508	139.148633	149.673002	135.034652	138.478983	133.718155
6.87212815	7.59449573	9.78357896	10.5905916	11.0985929	12.61834	10.4579943	10.864189
0.77549587	0.74459634	0.73130254	0.61608594	0.63337631	0.58346501	0.67459491	0.60545181

4.63091165	5.1587507	4.07822245	4.61579825	4.47589309	3.34841603	5.07188617	4.92547371
82.4854123	84.3529903	89.2490347	83.4505565	76.7197243	80.4158879	81.2810817	83.8757492
0.34954136	0.48260585	0.53231436	0.76853682	0.83979634	0.50321771	0.46008703	0.43672376
2.87419511	3.09068221	3.23370158	3.06719378	2.93270954	2.44716709	2.56256261	2.22247783
175.248827	175.699938	175.303939	167.912784	162.995186	151.60662	145.408467	144.409706
6.65840813	6.53647937	9.77778266	16.3495986	20.8403465	26.620577	24.2731381	26.8333181
0.99817613	1.15937922	1.28959376	1.26396046	1.35984055	1.23696047	1.5532389	1.58654833
0.97318938	0.74872045	0.98385615	1.03175374	1.31831203	1.71318559	1.68519878	1.73239938
0.32612941	0.23752238	0.2560215	0.27452031	0.24769626	0.23958235	0.50513707	0.28048049
0.0027389	0.00306143	0.00356805	0.00399637	0.00480412	0.00493726	0.00436936	0.00471049
0.0036881	0.00400478	0.00372451	0.00416474	0.00428887	0.00438716	0.00520164	0.00638945
70.6101203	66.1084604	68.9282743	63.0003233	61.1776491	59.040857	59.0809187	62.9732184
0.36807501	0.37437348	0.43141066	0.43455975	0.46804913	0.5176137	0.50452303	0.48661537
0.00622266	0.00622266	0.00622266	0.00622266	0.00622266	0.00622266	0.00622266	0.00622266
1.01056792	1.92648815	1.31634047	1.31481978	1.16144874	1.3509443	3.14373258	1.17969853
0.06977687	0.07148089	0.07548499	0.07706338	0.06473425	0.05048763	0.04558266	0.06670573
2.58814495	2.46908902	2.45785262	1.64622016	1.60955959	1.75397396	2.07206713	2.11848262
0.00694217	0.00671311	0.0070476	0.00767452	0.00773747	0.008136	0.00924319	0.01176686
1.14087974	1.17455091	1.23518693	1.22590959	1.12543856	0.99313964	0.92101108	1.05051179
0.05562726	0.05526389	0.04967675	0.04883094	0.05724667	0.04224374	0.04739978	0.04552979
1.09138442	1.12261704	1.19137314	1.32074299	1.29497713	1.23282467	1.20091408	1.35953473
1.69546086	1.73691617	1.66268572	1.62741417	1.54776018	1.60995762	1.6192692	1.70330496
1.19508593	1.26394682	1.25085898	1.31587326	1.3124946	1.23928686	1.22153399	1.3905637
0.10764445	0.13437335	0.11864926	0.12292458	0.15035437	0.11510597	0.12778919	0.10700238
5.03782791	5.38920953	5.64790153	6.00538415	6.41982799	6.77802967	7.14795019	7.38545003
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0.01187265	0.0429392	0.11128519	0.10817839	0.1173128	0.11420672	0.12644856	0.14198183
0.03537807	0.04877776	0.03963676	0.05052374	0.06846524	0.06878907	0.07415602	0.08135654
31.5043921	32.3852982	31.8539475	32.701446	32.3273261	32.6058381	31.7606726	32.3270381
0.62184262	0.67216319	0.60902211	0.53539959	0.51249273	0.3491223	0.44464673	0.42775316
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1.07720233	1.00711747	1.54931201	1.31468011	1.76265203	1.66125407	2.34407344	2.15929932
0.20019821	0.20935397	0.19593383	0.18363527	0.19931567	0.16864031	0.1738148	0.15489944
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0.0393575	0.03860314	0.03865127	0.04149761	0.04190651	0.04313275	0.04996382	0.06071493
0.17188843	0.18100691	0.18714076	0.17719933	0.16775167	0.16791626	0.1707363	0.17687015
0.17368113	0.17579757	0.15599089	0.16472952	0.15219038	0.16523431	0.15557034	0.1615908
4.01129239	4.28890495	4.62396314	5.26651628	6.79169397	6.22455315	5.53606058	8.81814878
0.78025383	0.82026623	0.73285359	0.74941329	0.76982713	0.9417992	0.97697928	1.06452741
0.11043642	0.11107462	0.11335887	0.1116128	0.16033636	0.14667059	0.15025158	0.16709024
0.03957605	0.03957605	0.02502917	0.02171536	0.01856614	0.01541692	0.01541692	0.01840155
4.23206063	2.94058855	5.88113708	5.78274762	4.64169375	5.26796741	3.0488688	5.77085507
0.37175045	0.39970237	0.39005041	0.3994644	0.41153306	0.39591071	0.40806999	0.42033946
38.9177308	38.8456126	37.367974	36.4829412	33.3573725	36.4051827	36.4071701	42.1609842
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1.34406646	1.18685153	1.20010797	0.98607887	0.85222488	0.78432025	0.90407122	0.95232329
3.26920673	3.21419261	3.32494668	3.22715391	3.08978435	2.92986403	2.76897516	2.83648535
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0.22442275	0.27203905	0.23284737	0.23802922	0.33506329	0.26696938	0.31089387	0.29350772
51.314117	52.13955	55.0227562	57.6014718	52.8735535	55.3812379	56.3224339	62.5197152
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13.2568288	13.5555423	14.2758695	14.6184395	11.9575915	13.3377146	12.2671499	11.8484162
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0.18276011	0.20011766	0.18803358	0.19696844	0.19986095	0.19092609	0.19960423	0.19092609
0.05729316	0.05832077	0.05452977	0.05348827	0.07396757	0.06980005	0.07037548	0.07641041
0.1439206	0.14326224	0.16415465	0.19400095	0.19400095	0.2387704	0.24772429	0.29249374
0.30289419	0.31678771	0.27189833	0.25150311	0.21648581	0.21432954	0.2177093	0.2223425
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177.738571	169.635338	158.287245	161.134286	166.387422	174.56924	154.65039	150.663667
0.09954359	0.09642582	0.10567523	0.10887338	0.09962398	0.10282213	0.10593991	0.10593991
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0.60438961	0.60916802	0.51834024	0.4678102	0.57557027	0.59292739	0.62050637	0.63606301
3.0468E-06	3.0576E-06	2.8089E-06	2.3734E-06	2.3591E-06	2.5676E-06	2.0398E-06	2.307E-06
0.01703716	0.01890509	0.01730278	0.01809925	0.02523627	0.02361585	0.02468521	0.02765911
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0.51642079	0.50746697	0.50009505	0.59842309	0.49872444	0.52260167	0.54997058	0.65193346
0.10464403	0.09857827	0.08983635	0.08981529	0.08228129	0.07201575	0.06985639	0.06686858
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18.7750631	20.1891129	20.0044407	20.3667107	24.5266549	23.6123403	22.5380461	25.5561056
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45.2270916	46.7539119	46.1485968	48.1279835	42.5646715	42.5743658	39.0946414	41.2072752
1.04176313	1.05885919	1.05724995	0.93296754	0.98617065	1.01873612	1.03544139	1.05365089

650.829353	646.306532	626.896742	577.605477	604.796694	609.816801	601.427202	596.394081
46.5967088	46.6348549	44.6499224	46.4126876	44.7083539	46.6227814	41.2217874	47.5917343
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4.86077395	5.79288687	7.24229065	5.12158288	11.2117866	6.44246553	6.32959097	6.43579891
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9.23225633	11.0684901	11.5233333	11.4191017	11.5917216	11.6078453	11.7545869	12.5190967
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2.53375882	2.71200617	2.94799761	2.80609662	3.20820715	3.10789528	2.75341103	1.14125025
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5.9323E-08	6.0008E-08	6.2531E-08	6.9619E-08	7.2872E-08	7.7576E-08	8.735E-08	9.4737E-08
26.0043627	26.8831236	26.5990783	27.5228785	28.3767653	28.3017454	27.7160209	35.3737494
7.15708272	7.46149522	8.11771707	8.0620472	8.10382202	9.03106824	6.21046035	7.79511786
3.20368567	3.55966211	3.76332082	4.13503106	3.27069408	4.58896831	4.801192	4.00356796

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5.3422E-08	4.8732E-08	5.4011E-08	0.00015244	0.00022051	0.00026847	0.00030503	0.0020289
6.2077E-08	6.2505E-08	6.7566E-08	8.2338E-08	9.4252E-08	9.3758E-08	8.0215E-08	1.0509E-07
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29.4838871	30.5024537	34.4244992	33.1367211	34.3133995	36.1925594	36.206171	34.6198038
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	2.0739E-10	2.3299E-09	2.5646E-09	1.6267E-09	1.8456E-09	1.2142E-09	1.8352E-09
8.37142191	8.14073283	7.71569018	6.88748032	6.95380659	6.55955822	9.00403838	9.11626732
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0.67418296	0.56059181	0.54499836	0.55771605	0.42934382	0.43847582	0.81211696	0.47830869
5.4691E-08	5.046E-08	5.3338E-08	5.8341E-08	6.9751E-08	7.4847E-08	7.4541E-08	8.3982E-08
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6.24283796	6.16179946	5.60888621	6.70609577	6.69981325	5.81150227	5.04142414	6.72776906
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2.79643668	2.82111482	2.74677575	2.77525551	2.78627276	2.60404736	2.47525548	2.32910811
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32.3493923	29.3037537	28.2228597	29.0883248	27.4230252	28.1570733	24.9415338	24.9904291
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17.3832402	17.0726555	17.5363362	20.9793205	21.2191128	20.0402664	17.9918745	19.1134669
2.08652273	2.16254752	2.21501347	2.22061834	2.23180116	2.38768546	2.63822493	3.13410954
						0.00017385	0.00034769
4.07457649	4.1866629	4.29230241	4.46438808	4.97042722	4.98974089	4.38264133	4.17112141
	8.0473E-09	4.7617E-08	5.4552E-08	3.7263E-08	3.0553E-08	1.8632E-08	3.6015E-08
3.7322E-09	3.9519E-09	4.0585E-09	5.0483E-09	5.0559E-09	5.261E-09	5.6587E-09	5.8122E-09
28.2402333	28.7910136	25.8183074	25.2705559	26.7922698	27.4962658	23.7853286	22.8017636
5.86001472	5.09933053	4.56461161	3.81689984	3.16591577	3.44000052	3.29541922	3.23462274
44.6681714	44.3304676	47.4144174	44.2377252	42.1561534	41.5143773	37.8467556	38.79819
0.56149737	0.60374965	0.52712508	0.75412947	0.64893277	0.38476616	0.32030838	0.30943006
0.08829292	0.15833262	0.1160588	0.12912823	0.13221043	0.17336639	0.09161773	0.10663482
2.2023E-07	2.0961E-07	2.1394E-07	2.3796E-07	2.4789E-07	2.4082E-07	2.553E-07	3.0617E-07
2.33410577	3.01399523	3.02760911	2.99217512	3.26233146	3.41391214	3.059885	3.1605582
3.02467953	3.26384714	3.48315929	4.03532862	4.1037354	3.3465175	3.17518639	3.25239773
2.5261E-08	2.3943E-08	2.5857E-08	2.8845E-08	3.0676E-08	3.3157E-08	3.4787E-08	4.037E-08
0.04796803	0.08269674	0.08563461	0.078872	0.08528455	0.07551362	0.08185221	0.07529847
6.7349E-08	6.4557E-08	6.4581E-08	6.1445E-08	6.9311E-08	7.2679E-08	9.9355E-08	1.0077E-07
0.41780848	0.42093822	0.42127477	0.31704767	0.21045441	0.19746443	0.13626794	0.14855094
2.16104215	2.16528346	2.12765882	1.97432176	2.15683914	1.6429659	2.0364941	1.9101633
2.48368143	2.24621246	2.48463301	3.04721243	2.55549168	2.54828056	2.30432981	2.37641366
47.8957491	41.8794804	40.8001176	39.3747633	37.4401399	37.2779378	37.6460644	44.3234821
57.1321237	69.5292824	68.2812843	74.6199134	63.9284064	57.1290641	52.0232199	56.1966718
0.64360728	0.6005997	0.73575434	0.83840343	0.79424683	0.67942722	0.64321995	0.63438567
51.4460964	52.5403213	59.0750163	57.5292359	56.6369602	59.6319623	58.0958573	56.6825463
16.0207041	18.8481911	17.2881751	17.6954472	15.994198	18.0574982	19.7519312	22.0503714

2.5047663	2.05888083	2.08439644	2.96645745	2.21816603	2.21850854	2.30261513	3.20132514
19.6551751	19.2334349	20.750164	19.5653755	20.9823427	19.7956041	17.4767322	19.6457954
0.01264062	0.00622345	0.00622323	0.00622367	0.00622372	8.4093E-07	8.6665E-07	8.3074E-07
0.4826593	0.43565538	0.4669329	0.47320072	0.53603749	0.54863115	0.52652575	0.49230302
65.0101639	65.6222805	68.3644226	68.6865282	69.5874444	65.0612114	64.1704901	66.503548
35.1462274	40.3909201	42.6390315	48.9693194	46.6240711	56.4980834	58.2128878	67.7237077
0.1893789	0.21776671	0.20911375	0.20911353	0.21222521	0.20080203	0.20357234	0.20357238
0.00141216	0.00156058	0.24098059	0.19620352	0.20124147	0.22140476	0.14487006	0.12229767

	1.9329E-10	1.7653E-09	2.0157E-09	1.3902E-09	1.7145E-09	1.069E-09	1.3514E-09
2.1822E-08	2.3616E-08	2.2089E-08	2.4622E-08	2.6017E-08	2.7051E-08	2.9698E-08	3.3597E-08
29.4357048	29.3277816	32.793672	30.0284104	37.5855326	39.7235802	37.4273562	41.6965747
15.2064674	16.5228187	15.8920457	15.6318542	15.7750247	15.8662154	14.4174972	14.5163879
0.00044214	0.00053353	0.00058814	0.00070235	0.00084109	0.00114102	0.00122526	0.00222753

13.0398601	12.7219693	13.3607107	12.9824842	12.0459398	12.2462157	11.1538025	11.9476002
4.1075E-08	3.9587E-08	4.1797E-08	4.5371E-08	4.6936E-08	5.0166E-08	5.2773E-08	6.1873E-08
0.15880926	0.18325503	0.17453799	0.48433509	0.1717674	0.15905161	0.04433031	0.03878908

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0.04440536	0.03299468	0.00939118	0.01504591	0.01878237	0.02131346	0.03584801	0.01509641
	8.4838E-09	5.8701E-08	6.2003E-08	4.3509E-08	3.9971E-08	3.1264E-08	0.00487336
0.23554252	0.45061983	0.59162357	0.45355214	0.48983626	0.47704046	0.85578587	1.31271647
0.15753356	0.11803743	0.15562788	0.16572109	0.17142657	0.16120834	0.17623225	0.11276822
2.8761E-07	1.8862E-07	0.03335201	0.03335201	0.03638389	0.04244833	0.0454802	0.05154465
	3.0796E-09	1.961E-08	2.5484E-08	1.9812E-08	2.3887E-08	1.8142E-08	2.3341E-08
59.7826468	61.9554599	62.1474698	63.181886	63.0081815	64.9367229	63.9613508	64.1804544
0.00790279	0.00783254	0.03959134	0.03991004	0.04605803	0.06226525	0.05902439	0.07751665

0.55631396	0.67745167	0.73729049	0.80326584	0.8291253	0.84727142	0.79700455	0.78198557
0.00293846	0.00315022	0.05771619	0.3377416	0.21980111	0.24155693	0.2763978	0.63288643
0.00034623	0.00018204	6.5962E-05	0.00042871	0.00027002	0.01222943	0.01222812	0.01223301
		0.0010659	0.13330498	0.12383881	0.06320235	0.05396396	0.04867248
2.3287E-07	2.2764E-07	2.2923E-07	2.4533E-07	2.5421E-07	2.6595E-07	2.8526E-07	3.1925E-07
0.0006382	0.00048367	0.00043538	0.00053196	0.0005706	0.00056095	0.00057061	0.00062905
22.4775655	25.4083186	28.5114638	29.2864355	29.7816163	36.1314892	27.0813624	17.8905789

	7.0128E-09	5.6084E-08	5.6297E-08	4.6398E-08	5.0932E-08	3.6759E-08	4.7938E-08
0.00637596	0.0075938	0.00757553	0.00556691	0.00757188	0.01037684	0.01238612	0.03244916
56.7319233	53.5742728	52.3219399	46.0414431	40.8707939	40.2329544	36.8399994	38.8070273
0.09141597	0.10292581	0.10015519	0.07203516	0.08054322	0.0639198	0.04812137	0.09515059
12.9005104	13.708875	13.8858596	13.3941735	14.21566	14.244941	12.2139422	12.7140791
12.1086738	12.2336299	12.2147772	12.3962005	12.4955108	14.015868	13.7628217	13.2312522
9.4039E-05	8.4636E-05	0.00011285	0.00018808	0.00013166	0.00014106	0.00015046	0.00015987
1.44498664	1.4809969	1.56277509	1.59342553	1.63562368	1.69630328	1.73847322	1.81536402
12.1316308	11.7413345	11.4761752	11.1948626	10.5157441	10.4914171	10.4168527	9.86220693
2.59920295	3.24372276	2.9640208	3.19512083	4.12499631	3.53430331	3.65986758	4.70861561

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0.00117789	0.0012237	0.00290804	0.00318811	0.00217228	0.00153047	0.00284311	0.00189893
0.16693518	0.2288329	0.64483053	0.80659544	0.5004729	0.8064772	0.20845189	0.0651938
14.6266249	12.675084	11.1004089	11.611333	12.9068206	12.3834844	10.5286642	11.7683613
0.01234057	0.01200203	0.01113347	0.01105407	0.01189368	0.01188116	0.01217652	0.01174808
0.35167418	0.36683632	0.38967103	0.38529821	0.34335757	0.36317026	0.36169407	0.36783343
2.67004193	2.41515811	2.72698906	2.49019998	2.49899295	2.89060492	2.74274318	2.32998453
5.7151E-08	4.0837E-08	2.3224E-08					
	3.6821E-09	2.6978E-08	2.6979E-08	2.1405E-08	2.4238E-08	1.7218E-08	2.1922E-08
14.3503796	15.5162208	16.6150694	18.8633238	21.9185619	23.2562083	25.1950514	29.3047908
10.9497539	10.9610484	11.1030029	11.5322919	9.23638347	8.82261496	6.00676061	6.34757751
223.826139	223.92703	226.704795	206.69601	218.811146	186.26457	198.792492	186.565449
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26.9438603	26.7902098	27.7048034	29.5260267	27.40178	30.0299101	25.3243547	27.4452237
0.61262284	0.62783169	0.62421032	0.85903078	0.72785334	1.55562855	1.26275373	1.64411087
0.60381275	0.81819256	0.96758073	1.05878986	1.33171516	1.19901857	1.31404431	1.38029343
0.03878929	0.04155992	0.03324813	0.01385367	0.03047717	0.03047724	0.02770682	0.02216599
7.05465525	8.343925	6.98926312	6.83260036	6.79380466	6.80557111	4.58959587	4.62199572
8.6496E-06	1.5162E-05	2.3274E-05	1.4411E-05	2.5131E-05	2.608E-05	2.5924E-05	1.201E-05
	1.1936E-09	8.5605E-09	9.1292E-09	7.3028E-09	8.2007E-09	6.0393E-09	7.9354E-09
9.2627E-11	2.3305E-11	6.992E-11	6.7576E-10	5.8264E-10	7.784E-10		
0.03878869	0.03878871	0.03878874	0.04155901	0.04155909	0.03601787	0.041559	0.03601782
8.4244E-09	7.9246E-09	8.4446E-09	9.105E-09	9.4495E-09	9.8328E-09	1.0576E-08	1.2298E-08
0.02802061	0.02759719	0.02817257	0.0290977	0.03360098	0.03459977	0.02830315	0.03438343
6.35930906	6.36952373	6.10797111	6.82112022	6.38149959	5.76190199	5.22756722	5.95050089
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3.03904049	3.35523068	3.33946292	5.39770427	4.46395737	4.78853553	4.09192476	4.33990557
0.00469837	0.00510647	0.0047193	0.00464605	0.00483441	0.00470884	0.00418563	0.00334851
4.9881129	4.44718572	4.36933884	3.93109979	4.27505148	3.89835322	4.21639039	3.50388463
1.0082E-08	1.0139E-08	1.225E-08	1.5189E-08	1.7858E-08	1.9787E-08	2.1468E-08	2.495E-08
0.15077817	0.19969529	0.20547457	0.21140912	0.25307391	0.16220621	0.14092141	0.12927109
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0.00028594	0.00060689	0.00064899	0.00066511	0.00119408	0.0013194	0.00133418	0.0013112
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0.0985116	0.34247591	0.17208953	0.16547528	0.12892917	0.10906567	0.11891045	0.09352692
	4.6652E-10	3.4764E-09	4.0596E-09	2.5797E-09	3.0937E-09	2.4138E-09	2.7983E-09
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0.67476882	0.69240904	0.77775746	0.88497807	0.9067688	1.09251307	1.12671329	1.41052037
8.98965932	9.79238589	9.18778783	9.98160106	9.12323852	11.3570341	12.9956652	12.8943253
16.0891064	17.3584009	19.4614574	19.3601425	19.2336183	17.6715406	16.4126984	18.2195408
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40.7625222	38.6661194	39.5002505	28.9020205	29.8958847	27.9050099	24.6129625	28.1461053
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317.057528	311.02089	297.401871	306.401468	307.235592	304.696557	288.810974	296.13951
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2.1683E-08	2.3142E-08	2.3925E-08	2.5829E-08	2.6446E-08	2.7294E-08	4.0645E-08	3.2893E-08
40.0921654	43.5275547	43.2547077	46.0511111	47.3079865	52.6800825	51.416723	46.9340073
1.2498E-08	1.2838E-08	1.3552E-08	1.5926E-08	1.6536E-08	1.8466E-08	2.0802E-08	2.3986E-08
1.41893089	1.49299718	1.50632983	1.41704297	1.49286786	1.37312647	1.49550457	1.4220585
	3.6318E-10	2.5479E-09	2.4367E-09	2.9517E-09	3.2106E-09	2.6562E-09	3.4265E-09
	8.7878E-10	6.2486E-09	6.6698E-09	5.38E-09	6.1075E-09	4.5803E-09	5.8331E-09
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75.2431173	79.9200345	88.2243013	88.241596	95.289344	95.0513181	71.8825955	86.8898477
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0.01796367	0.01696869	0.01539031	0.01459879	0.01403884	0.01103211	0.01363936	0.01475605
0.21483653	0.16758495	0.24424511	0.26786521	0.63505395	1.01981558	1.46169717	1.79880114
1.83167662	2.10248429	1.71574083	1.95631781	2.26699903	2.09291436	2.18465392	2.33776485
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0.50717136	0.50717136	0.51028264	0.51961714	0.53206293	0.54450904	0.54139743	0.54139743
35.9369173	33.8927559	34.9426063	34.0928712	42.4555329	51.8654891	59.9417957	63.1460842
19.0045505	20.0149289	20.4278235	22.1228731	21.0848262	20.6704533	17.5482848	19.0420976
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44.2655523	45.2757191	43.7986271	42.6592545	43.2860507	44.7938628	41.1766448	36.9721223
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0.01857675	0.0220994	0.01954585	0.02716481	0.04783119	0.0272576	0.02779212	0.04875357
25.0351318	22.1137317	20.697271	19.9315225	18.4554246	18.60299	16.666286	19.1904165
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0.12826613	0.11220538	0.1283676	0.14111441	0.21476916	0.22950252	0.2219795	0.27902122
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82.7126323	85.2595262	83.9331461	84.1610364	93.2142905	93.3292719	83.77995	98.0639442
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0.12199944	0.11531612	0.13420352	0.13781639	0.15655349	0.1503766	0.152002	0.1485162
0.89926863	0.64486689	0.92031646	0.97207519	1.20875286	1.15114694	0.98511504	0.5448367
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81.3426947	83.426982	69.1559933	66.6402468	67.4094521	64.9015206	57.4310774	61.776126
5.75804835	5.75472504	5.71943848	6.10114203	5.98069911	6.00492243	5.47613639	5.69110943
10.8345441	10.643002	10.611461	12.1094165	12.0072408	12.0806064	11.2885518	13.7207916
1136.14907	1497.94486	1935.74568	2083.31092	2274.39577	2409.71995	2601.24224	2844.07335
0.52066755	0.53987975	0.37776196	0.53285067	0.41492105	0.56442931	1.0567441	0.97097267
0.1960232	0.1960232	0.18046581	0.22914891	0.28578383	0.30767716	0.38341263	0.36155621
0.09645596	0.11201335	0.13068203	0.14001652	0.14001652	0.13690524	0.13068203	0.13690524
0.04044929	0.02178028	0.02178028	0.03422639	0.02800317	0.06534117	0.05600668	0.03111478
0.00462941	0.0081906	0.01300441	0.01348553	0.01235975	0.01140323	0.0084668	0.01037456



14.4152152	13.8599289	14.6179102	11.6198317	11.9875774	13.5865657	11.9562812	11.9130278
0.01425597	0.01522731	0.01580794	0.02053801	0.01429222	0.0143025	0.01813768	0.02518965
0.03999725	0.04261202	0.07137547	0.08454621	0.10124662	0.09860732	0.0978105	0.12223073
0.96026117	0.92659003	0.97029346	0.99479639	1.2107429	1.16347464	1.03232805	1.0246493
5.66011184	4.96339362	6.31245332	7.7273138	8.14352851	7.1065644	6.81658158	7.59502869
0.00789398	0.00677299	0.00585708	0.00564587	0.0062861	0.00540378	0.00628434	0.00756537
1.37241867	1.40221887	1.0109753	0.88655731	0.90781736	0.89403338	0.77347864	0.67732738
20.6334305	20.7536177	20.1756207	19.76466	18.1131475	17.2484809	16.6851802	13.3167505
98.5713684	97.0650889	94.7714702	96.6596645	96.0489116	99.8682721	86.8686043	98.3511702
0.09115075	0.08665861	0.0886087	0.09253534	0.10133564	0.1096201	0.10052334	0.13222432
0.00187455	0.00196374	0.00162114	0.00153707	0.00180197	0.0013477	0.00169059	0.00213144
5.22321209	5.35064063	5.15700756	5.32106423	5.13881396	4.64251024	3.80375787	3.99771211
2.07440439	1.62386759	1.82918198	2.45460408	2.3180595	2.41327779	2.45250113	2.84041759
7.01464583	8.09138725	8.20845075	8.70242181	9.71987523	10.0815427	9.84900235	10.6854051
2.77944883	2.74067866	2.88128026	2.72190163	2.03844333	2.33467838	2.70290614	2.82878956
28.6492164	23.7162749	33.1049369	34.2758824	39.2255673	36.369711	31.5316988	31.7686257
0.04064343	0.03743491	0.0312117	0.02498881	0.02187752	0.01876591	0.02498881	0.01876591
0.02619985	0.02598296	0.02794964	0.03084861	0.03341904	0.03044876	0.03321317	0.03768464
53.9866313	54.3937369	55.1661861	43.6660555	47.9435189	44.6540196	37.4012418	39.3719993
0.95828088	0.96463208	1.02077883	1.01536275	1.29757124	1.16569149	0.73922563	0.7772849
0.94575761	1.11309241	1.14897413	1.22850811	1.33910493	1.38748908	1.3676917	1.73742796
10.1651734	10.2400931	9.74129047	9.75585207	9.40691821	8.97275447	7.48284981	9.03518811
0.23877412	0.31783504	0.26577477	0.28685684	0.28312535	0.18878456	0.12993872	0.2036064
0.0005387	0.00053045	0.00044567	0.00048854	0.00045564	0.00037983	0.00047707	0.00052359
56.6253221	53.0818945	55.1295957	54.8351999	54.027151	52.5361194	41.24828	45.1046573
0.35580409	0.34354838	0.54363395	0.6294863	0.52137862	0.67869968	0.77463914	0.91604525
61.1397186	58.1358422	55.0881885	54.3582519	53.4076998	52.2005501	43.1766084	44.9870785
0.35456545	0.26168864	0.2951034	0.43072757	0.48539676	0.62918286	0.63600309	0.57945271
0.82126218	0.90134813	0.93933558	1.0212122	1.03722495	1.13377199	1.31407589	1.26174801
0.17962111	0.18185263	0.20360701	0.23498067	0.25934194	0.25786717	0.28461471	0.39153561
0.0317874	0.02813492	0.0234924	0.02302775	0.02234051	0.01738686	0.02152341	0.02758063
0.03448341	0.03544138	0.03859151	0.04661812	0.0518892	0.05270536	0.05954209	0.07133842
0.02885578	0.0292246	0.03202336	0.03661713	0.04112641	0.03920457	0.04225818	0.05061096
0.29582602	2.24687997	2.26602558	2.20740156	2.63943968	1.93662381	1.10651768	1.19982823
9.53510464	8.79294442	8.70401444	9.03207148	10.2107583	8.53392781	6.44854467	6.66817977
0.00364605	0.00321379	0.00283931	0.00279145	0.00276461	0.00239385	0.00293275	0.00363669
	0.05086224	0.05722002	0.05404113	0.05722002	0.06039891	0.04132557	0.16206405
1.07925944	0.94183914	1.45735816	1.572612	1.89332316	1.48130596	1.26821697	1.34273056
0.00972096	0.00866519	0.00709162	0.00594628	0.00624641	0.00524726	0.00837633	0.00907814
0.19333316	0.19332187	0.12659611	0.09176436	0.19647503	0.19011218	0.12034663	0.12976027
2.8978126	1.85894924	1.80646419	1.83246372	2.24834176	2.55529908	2.09979257	1.8952635
1.43621111	1.73349271	1.69970116	1.97947413	1.88347762	1.84427622	1.73745519	1.81160646
2.99956028	3.41752034	3.51901339	3.65843878	3.65962448	3.68754333	2.9978538	2.83738684
0.43356702	0.36207865	0.38132978	0.38774682	0.50908881	0.50908881	0.45843151	0.52921314
5.90437908	5.81135795	5.92918093	5.76668319	5.67379179	5.55597968	4.0868103	4.35989236
74.6716685	80.2598663	81.3004745	104.640828	111.197127	91.5690034	100.24758	126.173351
198.42461	208.255612	232.618952	260.307189	295.258493	308.178908	355.090933	397.490359
4.93998743	5.01359425	5.20245516	5.19033393	4.77410441	4.59924123	3.49060287	3.58474259
48.993423	51.8076165	58.0022644	61.5289431	74.7619727	79.5547927	78.5102062	84.2597633
7.0421427	7.45660105	7.00064452	6.74256115	8.05052357	6.72278543	7.09379783	7.54514994
0.77212882	0.83763114	0.79806008	0.7281636	0.70238665	0.61452234	0.51188401	0.4938927

1.02521597	0.88042229	0.82344517	0.89286807	0.97677515	1.69295651	2.02242152	3.01919795
76.4634106	68.282168	66.4677924	61.7613384	60.540922	56.9598341	43.2245977	45.7961423
1.92164917	3.14606822	3.243648	5.1577128	5.11720658	3.99816409	1.93462188	1.6327319
2.14284189	2.60134952	2.95000353	2.99656248	2.96378801	2.61045709	2.65946322	2.30420819
233.421596	232.486483	234.358025	235.032771	231.909585	211.884802	200.0349	211.89302
26.1512406	33.5542601	38.4177236	27.3822838	39.0293604	67.5569782	52.6912819	57.4677787
1.5416445	1.71728963	1.89188671	2.32196373	2.17831738	2.25686409	2.12485112	2.48553167
1.68026917	1.58988138	0.74187401	0.7277551	0.96548593	1.04573654	0.43255959	0.64959637
0.09342329	0.10318765	0.12582912	0.13550858	0.14523033	0.14851321	0.16770136	0.6529709
0.0067119	0.00763346	0.00985278	0.01059939	0.01056273	0.010593	0.00745416	0.00763998
0.00314968	0.00316989	0.00242557	0.00238271	0.00234467	0.00195302	0.00250377	0.00302655
83.0838011	80.6835321	74.0800105	79.0932331	73.3928952	77.5708888	69.2410796	78.453959
8.42298378	7.99449078	11.5215786	10.5987182	7.44456364	9.18785496	9.80232917	10.492454
0.11963804	0.14256868	0.14856428	0.41389988	0.40164254	0.54281114	0.64064219	0.89115626
1.5255076	1.83354415	1.81176355	0.78186375	0.52361098	0.94988378	1.13034959	0.81620054
0.05370274	0.05713264	0.0722041	0.08294833	0.08134813	0.07030304	0.06756101	0.12386104
3.16955988	3.73939706	3.82849454	2.73551166	2.76297589	3.64890734	4.22163191	3.49100443
0.00592869	0.00531362	0.00458973	0.00439071	0.00422997	0.00362188	0.00444913	0.00557371
1.19345001	0.84235627	1.19122944	1.16718588	1.13751631	1.08446544	1.02559628	1.02389428
0.0428127	0.04417085	0.0475176	0.05255992	0.07193888	0.05882359	0.07025428	0.08454097
1.12546426	1.21517645	1.49333406	1.6080499	1.61122448	1.45951422	1.1684888	1.26533796
1.13556377	1.28983969	1.27071093	1.35809512	1.2681564	1.21165114	1.03285739	1.11199737
1.09295892	1.1121635	1.12187596	1.17099158	1.19414225	1.09569774	0.87220286	1.14196423
0.26603237	0.33697188	0.32922266	0.32761685	0.33258752	0.24696228	0.21800914	0.27985928
4.14211095	6.38477419	6.65715407	6.75703545	6.77922131	7.62216794	7.21021132	7.63905065
0.56010511	0.64915399	1.00683715	0.74150787	0.85970718	0.69442394	0.58829196	0.95432664
0.25332977	0.27395978	0.32970035	0.27873424	0.27227628	0.29572129	0.28251539	0.32250359
0.08669694	0.12162412	0.10945244	0.13400186	0.15053341	0.14758841	0.12651062	0.1319527
52.3913484	56.299489	58.713483	66.1696895	62.130384	64.3488585	52.1086941	62.1698797
1.11649085	0.91566472	1.34319939	1.41768831	1.62666501	1.5190854	0.96908319	1.24447246
0.09531159	0.09645961	0.10703088	0.14076541	0.17800029	0.20737121	0.27219866	0.31760865
		0.0277609	0.0306635	0.0368555	0.0368555	0.0245575	0.0307538
2.49074623	1.8846133	2.02325654	1.95370797	1.90171048	1.96308428	2.01404923	2.31947192
0.69054293	0.69656086	0.74522966	2.18635446	1.58660499	1.62430838	1.40957207	1.62221568
0.30545493	0.3025782	0.25696497	0.29317401	0.36020259	0.39305027	0.463688	0.46115867
0.14055171	0.14856204	0.16536775	0.17950968	0.21562075	0.26006789	0.26566864	0.30175305
0.03361177	0.03055548	0.0251715	0.02374143	0.02290973	0.01920127	0.02404968	0.02875936
0.38552622	0.361071	0.34586345	0.40652582	0.40456184	0.43615549	0.36245005	0.35431174
1.55182678	1.58863346	1.61673473	1.65671882	1.68390092	1.71289178	1.72832816	1.83747946
29.5608369	33.3037389	35.1222187	37.911418	43.4262116	43.1971931	29.6172968	30.4428299
0.20793192	0.21802952	0.19446721	0.20456555	0.21466639	0.21802952	0.21802952	0.23149498
0.82072444	0.67933019	0.70758829	0.73283221	0.78142484	0.73782835	0.75378375	1.15886884
0.06660273	0.06990831	0.06028272	0.07301979	0.09217392	0.10821657	0.1596501	0.21098658
8.17377187	6.65117449	5.89547908	5.68949119	6.39839327	8.08340619	5.09938739	5.23013189
0.6886515	0.77434102	0.69713708	0.7128638	0.71311839	0.68720063	0.47794122	0.51531966
23.7351592	23.300529	23.0248795	23.8127547	23.9732169	22.0270689	20.9642767	22.1709962
6.61678633	6.87397691	6.13413274	6.09961999	5.99569111	6.1085781	5.11585564	6.45426674
0.77375954	0.66229905	1.02351874	0.62005919	0.81068054	0.75319506	0.7580365	1.22577893
6.25558235	5.83279764	5.02048468	5.07890985	5.4701543	5.52128712	5.11289292	5.41699669
5.038041	4.54055082	4.67789055	10.8287543	12.2519835	8.86321032	8.29821957	8.14200057
29.6273208	34.5943619	36.9618667	40.207324	44.5078814	39.3427713	39.7923157	38.1317901

0.20570884	0.78069409	1.85677887	1.65030105	1.61927606	1.20920107	1.67792873	1.76973237
6.86681258	7.90145054	8.07089564	7.52293545	9.07159483	8.70037463	8.56019888	7.56722091
9.19373515	9.20146082	9.66183742	9.83153037	11.4629819	12.0376509	10.3246275	12.0033197
0.24825487	0.23632247	0.26738966	0.25048214	0.15727321	0.12477759	0.10640665	0.11173859
0.96714675	0.8834333	0.92534697	0.92607484	0.9817905	0.79332876	0.74559076	0.55178642
37.3142442	37.975162	33.4765791	33.3775596	35.6515018	31.5035344	27.4544993	29.0168075
0.16362678	0.12728349	0.09497431	0.0981988	0.10120018	0.86102418	0.61134542	0.67643297
44.1019034	45.1096573	47.5338889	48.6918081	39.8086781	44.4020647	40.4298332	39.1484537
8.66127175	8.04098427	7.74175637	7.47826242	7.92660328	7.07173524	6.47345085	6.60149603
0.15878997	0.19689941	0.22830373	0.17403169	0.10416426	0.10098854	0.1393812	0.14890914
0.14040171	0.14541897	0.1505778	0.14186453	0.16263131	0.14975749	0.12006099	0.12393055
6.42018842	8.08589006	7.53700895	8.00406256	10.2790153	10.4315113	9.35222272	10.3922259
0.23311805	0.2531994	0.2600805	0.27070917	0.27204634	0.29844973	0.32268104	0.4128517
20.6316754	20.6708589	20.9893369	19.7500115	18.9809312	18.5165053	12.5797185	12.8034469
151.782737	153.212061	154.87635	152.63394	170.987747	172.37742	166.226983	178.425462
0.06290509	0.05970693	0.06290509	0.06614582	0.05646619	0.05646619	0.05966435	0.08882944
62.2787377	65.821117	66.8504777	72.4805942	79.7148244	88.8177579	91.0213822	110.844463
8.30223331	10.0505765	7.68508027	8.50121013	9.24470934	8.59722138	4.91508967	5.59543011
0.51046505	0.61433141	1.00390712	1.5696798	1.82177979	1.61967276	2.68375579	3.58704619
0.59139511	0.91782708	0.78377619	0.5941135	0.84870517	0.87440233	0.93452906	0.90800956
4.36361631	4.80726	5.18620626	5.42833692	5.72950998	5.9486805	8.57730614	9.7566371
7.1315E-05	5.8044E-05	5.1821E-05	5.6419E-05	7.1787E-05	7.3218E-05	7.6314E-05	7.5794E-05
0.04175098	0.04713859	0.04777966	0.04800383	0.05548658	0.05066829	0.04211312	0.04486049
0.05909246	0.05763325	0.05689969	0.07761653	0.07634283	0.07317187	0.07678829	0.09569898
1.17225942	1.32873872	1.28233939	1.32528679	1.54188076	1.233246	0.79078543	0.89013097
0.08053774	0.07879081	0.08593169	0.09667404	0.10339858	0.10028053	0.10353867	0.12416343
0.00121596	0.00106369	0.00092731	0.00088112	0.0008516	0.0007099	0.00089164	0.00110783
0.0080233	0.00902378	0.01047061	0.01215593	0.01319366	0.01419656	0.01580418	0.02011528
0.05744187	0.06385893	0.07027599	0.07027599	0.06706746	0.0701721	0.06375504	0.07338063
8.78354307	8.2709228	8.37957006	8.36301278	8.22997604	7.97663298	6.40373197	6.77079826
2.14670925	2.21293843	2.36304292	2.5447383	2.27474318	2.20200855	1.87446695	1.84941002
12.2166125	12.2826122	10.7649215	9.82376095	9.84978687	9.3687881	6.89077911	8.93918822
0.24381214	0.2311722	0.2186359	0.21552462	0.2204062	0.22849591	0.18678245	0.11959333
0.08446127	0.11640683	0.11349907	0.13449407	0.11738083	0.1253262	0.14102462	0.14955223
5.73335601	4.49994246	6.31436208	6.88490001	7.53087837	7.58730495	6.02589873	7.34722269
0.00145525	0.00136095	0.0013452	0.00146994	0.0016094	0.00142857	0.00180988	0.00224759
0.02383831	0.02456735	0.02858303	0.03239232	0.03801124	0.03913628	0.0443872	0.05753482
0.15246252	0.1713255	0.0935385	0.07486962	0.03753186	0.06553518	0.14954514	0.23044362
38.1569545	43.242657	45.6407453	48.3983157	41.1829929	45.5359268	44.6975733	49.9365656
0.58942026	0.80718363	0.77941413	0.82374435	0.802791	1.04731407	1.47971043	1.52353575
0.02461282	0.02825493	0.02811164	0.02781076	0.03128651	0.03085911	0.0278076	0.02991657
0.01887918	0.01842439	0.01940348	0.02134668	0.01960043	0.01911445	0.01683207	0.01581963
2.73604585	2.63996941	3.09259763	2.72363229	3.58198586	3.0394129	2.57289586	3.3683899
4.39492459	4.62805169	4.5720229	5.00619845	5.01846544	5.0322253	4.42349092	4.61998396
59.9541905	58.6114101	54.9579655	63.0871414	62.9213771	37.5312594	41.6151729	48.6829664
44.5503088	45.0501096	44.3789601	45.787248	44.8028788	40.3802121	37.7693055	42.7273168
0.41170092	0.54360543	0.69163992	0.87831477	0.63303732	0.4811328	0.42675432	0.690795
0.33060705	0.34904126	0.49351676	0.50010095	0.63769403	0.55641974	0.5638568	0.60533619
97.7835343	96.3672521	75.2304077	81.818953	83.9084907	75.5786718	56.2051994	61.321778
0.58855854	0.61412364	0.62599501	0.58905174	0.6456226	0.69707392	0.64946216	0.57850542

485.416013	511.673774	477.325303	495.815665	486.010586	474.76706	407.538224	466.3256
16.9952538	16.9392378	16.1810559	16.8677687	16.3690289	17.0139358	15.1010962	17.3569437
0.00312971	0.0031063	0.00262717	0.00249952	0.00238338	0.00197055	0.00342666	0.00296313
29.7948942	32.5695973	32.174068	29.4404773	14.5818706	19.7825634	21.1226048	36.3378648
0.00180392	0.00172321	0.00148813	0.00154119	0.00149023	0.00133323	0.00175378	0.00216072
19.636066	22.7897394	24.0619718	24.1480972	26.8593818	35.3529794	38.9490818	41.5718021
0.01682886	0.01434306	0.01422081	0.01281309	0.02242674	0.01983678	0.01852211	0.01937086
0.03222788	0.03470588	0.03487622	0.03507186	0.04087702	0.03773577	0.03193962	0.0329757
2.3836878	2.51688738	2.6874306	2.62606857	2.88858573	3.21361347	3.08754	3.03097626
42.1144869	49.0921957	52.9782639	49.1389402	42.7453098	43.8824007	61.0956027	51.4634426
0.78472757	0.73226504	0.83021474	0.68254997	0.66107604	0.73692816	0.7652127	0.72675392
2.01667919	1.52205218	1.59140654	2.07150511	2.26796841	1.37993179	0.61777533	1.21343958
0.18602607	0.19241701	0.21276156	0.2359029	0.25888822	0.25629084	0.27251066	0.25405816
0.33456541	0.29700834	0.42738124	0.47430736	0.63992627	1.15668498	1.67681332	2.03585795
1.02752937	0.66272188	0.59718655	0.64191202	1.00818132	1.25339416	2.2292958	2.36571029
0.00075079	0.00075282	0.00074482	0.00073668	0.00076033	0.00077691	0.0007782	0.00078968
0.17344147	0.16799054	0.14310318	0.14310318	0.09021718		0.00622192	0.0155548
0.7996502	0.8183192	0.84321109	0.82143081	0.84632237	0.84009948	0.88054877	0.89921777
40.023273	48.1302091	51.4816742	55.0481162	55.1218153	66.3520592	57.4896672	58.7462681
27.6465334	34.3658438	36.7120521	39.653186	39.048009	43.0334877	40.2007354	42.8410528
0.87817257	0.76669055	0.9494646	0.90341765	1.08154626	1.04039701	0.64531258	0.63274066
0.08867112	0.09133524	0.09492606	0.10886811	0.12110764	0.13011422	0.14713481	0.14693704
187.601681	196.831146	200.353456	203.869949	210.245242	210.251369	220.719117	219.124515
17.4082693	17.9690935	18.3803891	17.3923026	16.344963	15.7198949	14.3366374	16.927238
14.255157	13.306623	13.9468751	14.3623299	12.4787847	11.6898404	9.45768421	8.35884182
0.04442787	0.05178244	0.04265744	0.05334533	0.08117876	0.04478493	0.04615402	0.06674052
25.1600907	25.2268544	25.8129624	25.3637001	25.0971993	23.660688	22.1134823	23.1305655
0.06076776	0.0605736	0.07671345	0.10860482	0.147204	0.15712096	0.09304743	0.08663039
0.30675938	0.26291514	0.28015323	0.27711566	0.3645047	0.37707859	0.36863845	0.3819622
11.369802	13.3330611	14.5442535	16.784161	18.1000724	19.5050837	21.690549	24.1691839
27.4706471	26.7988347	26.7901256	26.9658694	30.3835851	30.6105632	27.8329167	29.7606661
13.0117778	12.6748075	14.9740213	16.6966404	16.4366443	17.5692197	17.7948974	17.9790346
0.43836651	0.48000086	0.47357707	0.60794151	0.74145132	0.76688417	0.62429965	0.67555867
10.2773477	10.1432365	10.3697861	11.6921872	12.241987	13.2787141	13.6213462	13.3931038
31.6049723	33.7034069	33.1033079	33.5877736	31.5889424	32.6948008	31.3117122	33.0565085
0.07985067	0.07417297	0.08199245	0.09562345	0.09371202	0.09010771	0.10715392	0.12074893
0.09278788	0.09513618	0.10256935	0.12875735	0.15663925	0.15725551	0.13511558	0.1629918
1.38722825	1.34239329	1.62140612	1.74189467	1.9335414	2.19648861	2.42314297	2.92791056
29.4625174	33.9735046	34.7220703	34.7706082	32.9480739	42.6487514	30.5434153	45.8372849
0.30227196	0.30390426	0.30668175	0.33665792	0.32892487	0.3954955	0.39966714	0.39909964
2.6344312	2.69206788	2.62607755	2.78272532	2.52280275	2.72122824	2.8640416	2.78330813
0.11702784	0.12183212	0.13312097	0.1427091	0.12688388	0.10010642	0.09462023	0.11750128
1.37339214	1.61247929	1.67819779	1.27638824	1.07548306	1.05363437	0.93978843	0.56699822
0.06737969	0.06344483	0.06245253	0.06495301	0.05932907	0.0425861	0.04257147	0.04225054
137.794942	129.966426	125.588124	123.758986	133.441674	122.3375	108.753686	111.404294
2.85400705	2.98654093	3.04797181	3.02977246	2.86317295	2.86134625	2.64119552	2.8191557
13.6348942	16.5931074	16.7820734	16.98521	22.414171	24.1961585	22.865144	25.0959054
1996.10107	2203.91966	2373.23915	2686.18724	2930.61442	2961.79004	3143.74159	3477.50686
1.96467571	1.9743002	2.61254432	2.19106647	2.31540046	2.61713528	2.30758103	2.76327287
0.11550709	0.11511878	0.16373798	0.42664354	0.85821201	0.92137785	1.14564097	1.23385174
0.00641705	0.00641705	0.00641705	0.0294909	0.05256499	0.05898203	0.05256499	0.05256499

0.03286903	0.03867526	0.0449867	0.0467537	0.04160373	0.04983367	0.13266841	0.2108094
0.01272657	0.0202959	0.03168297	0.03063863	0.02509371	0.02307705	0.01908249	0.02032783
7.36655112	6.02510424	6.86125218	7.09556938	7.31476311	6.26663442	10.4327281	11.9586077
0.03409438	0.03568002	0.03449972	0.04033184	0.02425666	0.02349938	0.030121	0.03448302
0.09565682	0.09984677	0.15577194	0.16602897	0.17183504	0.16201439	0.16243262	0.16732605
0.147204	0.06397627	0.23334917	0.48497906	0.65406088	0.60748563	0.37374815	0.53952423
13.0102129	12.9393876	12.7676757	12.75755	13.3374602	13.6498015	13.5599744	13.9013713
0.08174761	0.07680257	0.08097052	0.09123206	0.11592102	0.12553705	0.12555945	0.1302547
3.44637662	3.31216928	3.52199248	3.59963489	3.78408668	3.95656506	4.00428727	3.84612994
66.388858	66.4421683	66.214505	66.1887743	69.998822	65.5511332	62.4027526	64.3753
360.909884	354.937122	350.590029	354.652775	367.874994	346.877841	320.115494	338.044031
0.21799478	0.20305499	0.19338225	0.18171775	0.17198613	0.18010866	0.16693779	0.18100664
0.01941227	0.02226793	0.02241124	0.02483756	0.03322982	0.03130887	0.03377762	0.03669746
30.4587276	24.5194308	21.2247967	28.8977207	24.2029672	22.1630935	22.1443625	22.1570347
8.88127144	7.67694409	8.38104523	8.74153435	8.91090488	9.24086567	8.27010691	8.7738612
18.7839181	19.8419636	20.6559255	22.0065893	22.3313461	24.1226254	24.673204	25.0932267
3.03022285	3.47773571	4.52578277	5.62541189	5.86099128	5.06743346	6.75039305	8.07677528
38.1157824	49.9927839	52.0151207	54.5845432	55.3085528	60.996478	65.2838206	62.6418819
0.26796972	0.30540431	0.27438677	0.24900966	0.26466396	0.22946747	0.24833029	0.26729035
0.0485309	0.04999908	0.04873026	0.05236355	0.04916806	0.05026555	0.0504201	0.0489394
99.2673114	107.587362	116.412343	110.462489	118.438486	102.689858	87.4253591	71.5300121
12.6012898	12.6072355	12.3757325	11.618592	14.6040168	12.6041613	10.2531189	14.4303675
0.01283408	0.01604261	0.00962557	0.00962557	0.16711331	0.45240277	0.49090503	0.05508462
38.7165027	34.7533456	23.2080945	34.6263576	32.2801026	25.6844441	25.9901198	31.8488462
0.60332749	0.78753616	0.64750634	0.65171726	0.57482254	0.38203405	0.29282715	0.39893563
0.0055786	0.00601507	0.00616105	0.00789431	0.00840248	0.00882396	0.00953164	0.00901474
49.7393184	49.1284212	58.563172	53.9574078	55.0273103	50.3950911	51.3391318	53.9970139
0.47914655	0.50564738	0.60056968	0.57979839	0.74252817	0.64877253	0.64985466	0.76173257
203.26533	201.99069	203.745884	212.037118	208.486479	197.679228	172.747214	177.638346
0.64595168	0.83309189	0.88261796	1.15752913	1.45138098	0.79453155	1.17229477	0.8202154
1.64957357	0.5092435	1.00599004	2.3462685	2.53372025	1.80890752	1.70074075	3.02193215
0.10216813	0.10216813	0.10835991	0.11455202	0.11764808	0.12693591	0.13312802	0.13312802
0.4295792	0.42610978	0.44435792	0.46144702	0.44015331	0.42368245	0.47265591	0.53598721
0.32918025	0.3190369	0.32476792	0.37210713	0.41197795	0.40392049	0.43003181	0.47486181
0.08247002	0.08304482	0.08422325	0.09154707	0.08806598	0.08659627	0.09888076	0.09765773
0.06901106	0.0684779	0.06988873	0.07190748	0.06979945	0.06441413	0.07017761	0.06928317
0.06755678	0.08750523	0.09540923	0.09724968	0.11055637	0.12249476	0.14072043	0.15990656
46.1855908	46.8172777	47.2930203	44.9240293	48.0871636	47.894417	45.1879017	42.0365241
0.03775734	0.0364429	0.03925173	0.04510725	0.05098168	0.05561236	0.05859555	0.06261371
	0.13351338	0.13351338	0.13669227	0.13033449	0.13669227	0.11761893	0.10172448
3.03563682	3.38080932	3.32058907	3.01699805	3.20038145	2.95868843	3.50991601	2.56139626
0.10066716	0.0982592	0.09803725	0.09608639	0.11518915	0.12190093	0.16735669	0.15630028
0.67519598	0.684712	0.50099295	0.51355943	0.59610754	0.58360855	0.74822744	0.76141914
30.4582575	30.2882228	32.4399004	32.678115	34.4180207	32.7123291	33.5831876	31.3411848
1.6119231	2.2909962	1.96917269	2.71592814	2.57552331	2.60109425	2.28304415	2.28615576
6.22011797	5.08419988	5.10016516	5.05712807	5.96804742	5.37609938	4.56401548	4.2334536
0.17277526	0.16616406	0.1725811	0.17578963	0.24239261	0.24239261	0.26067331	0.52221982
22.2856253	20.2475596	18.3583896	18.1298811	19.4343767	18.5381567	15.420256	16.095928
83.2633591	86.3513818	92.9401074	99.494076	110.920267	124.739615	124.182355	119.662303
501.598433	548.321363	561.403499	596.730092	658.464363	684.65556	758.498104	785.470224
15.0609003	14.6622461	15.1292653	14.6893104	14.3468676	14.2038124	12.7226917	13.1353166

82.0989618	91.1390382	97.1366465	106.742054	112.403607	125.743975	129.014809	132.564513
29.9747556	30.6778453	25.0158239	21.9499614	15.2668969	25.2701165	30.6875878	38.823411
0.00402554	0.00403054	0.00397909	0.00453463	0.0084331	0.00478803	0.00468974	0.00471624
38.5482573	38.9529481	38.3862134	39.8248135	42.1551271	41.298017	38.842878	40.9056005
147.939793	161.518793	158.676695	163.422476	162.110019	156.808747	131.889016	135.946787
5.93326008	4.50362886	4.28708718	3.66292352	3.72677916	2.78230709	3.11085659	3.2267575
6.69990801	6.65804742	6.95440333	7.46205901	8.02529328	8.20588974	8.36917593	8.55208815
467.764892	462.206833	471.114963	459.802438	509.578725	487.161867	458.793258	500.365512
78.8700947	78.3438246	79.5509845	97.9343391	92.3957022	85.9627595	75.8648556	76.3659707
0.83375596	0.94430781	1.37066581	1.65176068	1.57912927	1.9486071	2.72237126	2.34968523
1.67024714	1.66360661	2.07729682	1.95437885	1.93358949	2.28879079	2.13242902	1.67558147
0.60718592	0.66274423	0.77254088	0.94663819	1.21147213	1.22622253	1.03618583	0.88992691
0.01845146	0.01891534	0.02400458	0.02408142	0.02144527	0.02143735	0.0168002	0.01496971
0.03261708	0.03594512	0.03353205	0.03850243	0.04323772	0.04537127	0.05002462	0.05210871
172.959686	201.985067	206.846943	215.115458	223.08788	234.830475	256.542	286.106489
28.5236184	30.7754724	35.2835899	37.7823655	38.4961492	40.7081424	42.2149823	43.5942599
8.57842116	7.49307232	7.35952416	8.23809647	8.0533619	9.61999889	9.97289105	11.2516834
0.12843469	0.13387091	0.15758035	0.16289111	0.13806347	0.11550971	0.11219768	0.16955785
18.714269	17.4158491	20.6422067	22.0512251	20.6308943	21.4503828	22.088696	22.4788588
0.06139568	0.06025394	0.06345011	0.07094986	0.07800424	0.08414113	0.08889248	0.09596381
3.80804805	4.26966838	4.48616987	3.21859962	3.94270898	3.86797612	4.07628108	3.37475206
0.10239022	0.10349937	0.1037038	0.10321537	0.12209416	0.09664868	0.11667036	0.11573119
3.78302049	3.71513511	3.86367128	3.68805199	3.29945814	3.02169361	3.10891175	3.76434603
1.16254233	1.37674582	1.35325351	1.41894696	1.26856169	1.10208254	1.24229062	1.29047102
2.43970686	2.22873942	2.20632147	2.22791163	2.10218119	2.05741711	1.98286034	2.37405446
0.72608991	0.83121805	0.79902222	0.74171558	0.67199217	0.49978467	0.49134938	0.56441322
14.2810283	15.4617462	16.2309531	16.5011165	16.1982531	16.4110687	14.9798874	16.4077657
4.19624384	3.69893568	3.78372795	3.80936421	3.71133806	3.7328471	3.79262298	3.72543679
0.37180169	0.37500948	0.3622533	0.37512342	0.35576053	0.41871002	0.37689112	0.44980653
0.23833579	0.30137853	0.26666176	0.30444729	0.30562446	0.29867891	0.28512985	0.25854711
132.769141	127.8173	134.849956	133.334138	137.689952	130.134048	136.996591	138.397853
6.09570868	5.93847157	5.86926893	5.83952078	5.97295471	5.99574692	5.75586721	5.22878301
0.22794581	0.22602028	0.23358734	0.27643032	0.30210083	0.34071627	0.45203675	0.43478593
2.1385404	2.04523812	1.9734807	1.9948818	2.0286669	1.9857486	1.8645531	1.8619989
2.68288335	2.48834505	2.42668449	2.367114	2.35154448	2.09311152	1.42614633	2.01828447
6.48594162	6.64288869	7.6585652	7.49872777	7.98539396	7.90385743	8.28362001	8.87705348
0.03392577	0.03753822	0.01793361	0.015129	0.00896439	0.0060588	0.0085833	0.01085535
0.33614141	0.34810461	0.36090346	0.352515	0.36595002	0.42729828	0.44119243	0.41308063
0.34807292	0.34648492	0.34798039	0.38363952	0.42247495	0.44607159	0.48050594	0.49515626
1.3795434	1.39767666	1.57056606	1.85226483	1.99098981	2.02425894	2.02061469	2.20763118
1.05120676	0.93415039	1.36280533	1.49684694	1.76870984	1.83534186	1.75399415	1.89779825
45.4615771	49.3099265	54.7552753	57.5303441	63.5105357	68.1528355	73.8139809	95.9683178
0.01717368	0.00551284	0.04293326	0.14748498	0.16866	0.23764446	0.10855305	0.03127336
0.96700036	0.89119839	0.95991762	0.94556344	0.89102937	0.75114569	0.68400332	0.85599641
0.23961683	0.26034925	0.24753591	0.21907709	0.20435417	0.22037604	0.240014	0.32657158
6.4304064	8.1627183	7.9627779	8.5060503	8.4575799	7.7699061	7.6987152	9.9702603
1.52210499	1.58284521	1.48362964	1.65283958	1.7282121	1.63038852	1.76497243	1.70118904
62.3221526	63.2666879	60.492243	55.9562131	59.7121913	59.0619318	58.8644029	61.4599372
0.86856224	0.74893513	0.70708902	0.78079331	0.95916354	0.84081479	1.99881666	2.74392659
0.00343501	0.01030504	0.01374005	0.01026556	0.00684371	0.00684371	0.01026556	0.00342185

8.88756134	8.51998094	10.3716033	10.2816214	8.74290877	9.64575115	7.46597228	6.9561964
9.20259558	10.2403267	8.81914935	9.53845623	10.0045896	10.6718522	11.9437941	12.6613558
30.1745678	34.28258	35.902632	40.9283718	41.6982119	41.633584	43.9914568	40.4059053
1.95767382	1.43428347	1.49865993	1.79541513	2.0716281	1.77536991	2.42625153	2.72883561
3.51399742	5.19602535	5.37976799	5.05833435	6.00554089	7.84192876	8.41119316	10.4897576
23.3188646	24.7321899	27.3025061	23.712407	25.3913544	28.1686383	28.9304535	32.0964055
0.80666267	0.70828678	0.81741578	0.74837661	0.65630991	0.57823676	0.82610343	0.72278309
1.75722087	1.90714962	1.81000057	1.67014884	1.69877432	1.482613	1.55631262	1.0926078
168.770016	166.624049	166.299413	171.748335	166.817751	162.031879	155.813	161.166502
21.7735246	21.7754513	21.9731473	12.7337209	13.7686964	10.7126246	9.63763524	9.19032677
11.5934204	11.8337916	12.1865246	12.1962129	10.2784679	11.3832021	13.6437256	12.7773018
20.5482066	21.8428922	25.3215031	22.1514986	19.7525361	19.0369151	20.0687027	15.2026634

0.38597388	0.36034099	0.36685651	0.32231099	0.33018654	0.30306854	0.27059367	0.24282856
9.41012424	8.63242677	8.94354615	10.5861878	11.0614502	11.6015417	12.314511	13.9488723
0.55752171	0.59328667	0.56760734	0.53160944	0.46171513	0.49036063	0.53587217	0.56516757
44.4574696	39.9828056	39.0090807	43.4808813	43.0961979	41.7931318	35.8059757	33.5507213
893.201878	881.289439	887.941929	931.44338	892.348018	889.877634	827.706058	891.969722
0.17354378	0.16710563	0.18318083	0.18318083	0.16710563	0.16710563	0.17515946	0.17834033
113.658952	121.506847	131.193131	136.979647	139.447605	151.418579	165.729461	178.317418
39.9768449	41.1838408	39.2571186	41.2559153	37.6617692	37.6290429	39.1274242	39.521371
2.04223561	2.12565731	2.37777227	3.01269034	2.94385557	3.34280434	2.70624246	1.08735624
1.36008909	1.5335799	1.90581084	1.85250444	1.70356486	1.78604805	2.09052742	2.09140267
20.9435756	20.5604814	18.7267155	18.7457847	19.1802169	18.9522653	18.3432912	20.6126125
0.00242569	0.00250936	0.00279485	0.00296269	0.00307253	0.00331628	0.00342095	0.00358931
0.1147763	0.11680708	0.11640679	0.10906292	0.1126531	0.10253889	0.09491461	0.08789929
0.14132465	0.13504392	0.12417957	0.1524207	0.12956851	0.12022328	0.12752131	0.13100578
1.51899245	1.44139128	1.49347061	1.79400856	1.87457036	1.6471294	1.758712	1.44110712
0.19261288	0.18461946	0.18753985	0.18984519	0.17548733	0.16476352	0.17194531	0.1699718
0.01259209	0.01206178	0.01281942	0.01423814	0.01570427	0.01649203	0.01781469	0.01907368
0.0191884	0.02114416	0.02285137	0.0238714	0.02239218	0.02332531	0.0262458	0.02753653
0.34566543	0.45437313	0.67859379	0.48257055	0.38621172	0.38358549	0.41178291	0.52418439
12.0172053	11.0755686	10.7049786	10.0444304	9.27309371	8.88986608	8.57473732	8.85265086
6.15771719	6.2345778	6.28834341	6.43041221	6.53483146	6.35896609	6.08952177	6.20016555
11.1843948	10.2175966	9.127553	9.205979	7.88302756	7.83823629	7.98092769	10.706788
0.20745778	0.20989838	0.2025766	0.20745778	0.21722055	0.22210172	0.22210173	0.0756611
0.20199632	0.27275981	0.24770371	0.26411487	0.19921792	0.2059142	0.23419773	0.20472744
18.4694049	18.479787	21.3818631	23.0194918	24.2885289	25.9376368	27.4691003	27.8033129
0.01507011	0.01543255	0.01859658	0.02375284	0.02967868	0.03318755	0.03616091	0.03869722
0.05701134	0.05756523	0.06238045	0.06361093	0.06451241	0.06430192	0.07371324	0.07876149
0.03972727	0.08441113	0.06850589	0.10507707	0.08658009	0.02695204	0.03789424	0.06986176
62.9673478	68.7057844	71.4826276	71.5909921	79.2956088	78.8299389	77.0006854	82.6737327
0.50550588	0.58881438	0.58982418	0.59068251	0.30975615	0.19807227	0.08169282	0.03630231
9.78824385	10.8035978	11.6195162	12.3719686	13.4870403	14.4738673	14.3832883	16.4718576
0.06766232	0.07001432	0.0684891	0.06318503	0.06352027	0.06245046	0.06267281	0.0586183
0.05190016	0.04565472	0.04727318	0.04849887	0.0397943	0.03868247	0.03793614	0.03099687
4.87479458	4.85396196	5.39060833	5.22389294	5.81727736	5.43579072	5.59272401	5.96962149
5.55060768	5.71598139	5.95934708	6.46556141	6.98666657	7.12913634	7.48045535	7.90203562
65.531493	66.6200549	74.5153635	83.5717862	99.2585123	105.887846	101.41302	102.021374
131.754827	137.724397	143.410069	150.989913	157.042956	153.497153	144.331759	153.850135
0.11506842	1.25207454	1.35364026	1.58645328	1.38493497	1.2357579	1.20376824	1.47174969

0.00320853	0.00641706	0.05775354	0.31443594	0.4491942	0.4812795	0.68983395	0.77938164
147.032051	121.068676	129.198747	130.402723	131.927384	130.009826	113.800076	122.753136
0.01620998	0.90068657	0.79676797	1.67951003	0.99705824	2.69682281	2.25500716	0.87174494
2422.68979	2461.66261	2522.86578	2445.52271	2511.0653	2445.46661	2227.47632	2345.9636
35.407686	38.4278548	34.6600601	39.0700084	38.137753	40.533567	38.4790964	37.8869964
0.03241034	0.03522399	0.03631898	0.04039001	0.04395162	0.04577851	0.06846376	0.05101684
24.5423365	22.018174	22.0028491	23.8537564	23.7584677	24.3951441	24.9822258	27.9572571
0.01868087	0.0195404	0.02057253	0.02490421	0.02748107	0.0309727	0.03504001	0.03720163
15.7962746	20.5291515	24.2838222	26.6733405	28.9167389	30.1821505	32.3623494	41.4983643
0.04626368	0.03554139	0.03464653	0.02911088	0.04553249	0.04014427	0.04174517	0.03795511
0.08859664	0.08599945	0.08496981	0.07968198	0.08299165	0.07636697	0.07198557	0.06461233
3.65982396	3.85700592	4.05010002	4.29551286	4.93069887	5.33440899	5.5960527	6.12281502
200.35433	214.177839	210.271915	212.829478	219.855562	247.087549	228.079545	242.749996
0.05972703	0.05271528	0.05739041	0.03485023	0.02516544	0.0253548	0.02218554	0.0253548
4.62326741	5.67033332	5.99663335	3.8483217	3.35658808	2.65629952	2.71366299	4.28005382
0.00124541	0.00126496	0.00151786	0.00159987	0.00163028	0.00159113	0.00182603	0.00178241
0.13176417	0.13388295	0.13282109	0.12964362	0.13303319	0.130442	0.1404214	0.15742512
0.32825967	0.35254897	0.58997619	0.58613347	0.57641276	0.71431538	0.68416447	0.59605828
1.9419E-05	1.8867E-05	1.9186E-05	1.9454E-05	1.9832E-05	2.0062E-05	2.037E-05	2.0676E-05
0.3355121	0.32973198	0.29642035	0.28414942	0.40947812	0.43626971	0.46210006	0.58382356
0.04596639	0.04598172	0.0459968	0.0466321	0.04788591	0.0491409	0.04916066	0.04917968
7.41785607	7.73315082	8.99832607	9.69795371	10.5882048	15.5221863	14.6677601	15.0988163
6.65804824	7.29761496	7.99046944	8.80478695	9.4625193	10.2266481	9.489258	10.311709
0.19071876	0.24385313	0.28800593	0.29444471	0.33375989	0.36361332	0.21835315	0.23957442
0.00094393	0.00095482	0.00106047	0.00111195	0.00113513	0.00114799	0.00130006	0.00130892
14.7964474	14.590908	14.5217634	15.7501023	15.9704864	16.2589176	15.6911818	15.6490723
4.89834941	4.95934058	5.02414216	5.1772204	5.41453482	5.36060999	4.75527528	4.82821129
0.6631763	0.86104533	0.92154099	0.93982493	0.94044726	0.99311186	0.68398928	0.6714013
0.01693666	0.01752226	0.01801886	0.01869282	0.01995914	0.02059446	0.02168954	0.02171649
10.6736828	11.263126	10.9189857	10.9565813	11.6973557	10.496281	9.59039541	10.0228498
0.1220967	0.12306663	0.12278249	0.61222008	0.61042175	0.52788896	0.48800875	0.49620245
0.04591688	0.04685137	0.04840238	0.0489275	0.04918721	0.21560191	0.2392105	0.25555925
5.83674603	5.74473881	5.96409841	5.69761331	5.85330694	7.79530513	7.84600452	7.76020909
5.468183	4.59902092	5.16275878	5.7190254	5.74130413	5.75345649	3.95760424	4.79798469
1.72992453	1.79251306	2.31732255	2.61299548	2.52306903	2.58024594	2.75749284	2.91219034
0.00580991	0.0059218	0.00639657	0.00684478	0.0073728	0.00736101	0.00736527	0.00773236
0.58181217	0.64200437	0.68003241	0.91014063	0.96888389	1.06608882	0.94954321	1.04825341
3.86431785	4.11136188	4.39135957	4.60655694	4.78309539	4.8973025	4.85875306	5.21909641
0.00201513	0.00202036	0.00212865	0.00243379	0.00243895	0.00250545	0.00261532	0.00270499
0.00107605	0.00108078	0.00119536	0.00128591	0.00133407	0.0013126	0.00134685	0.00146971
0.47216144	0.5270183	0.58473714	0.66763348	0.72336162	0.80211649	0.92067089	0.94439759
36.3259438	38.1963384	39.272345	41.1300581	43.1737137	44.7153252	42.6193657	48.4991095
0.12830168	0.12635502	0.13248729	0.1352521	0.11440967	0.1136579	0.09847981	0.08922744
0.12532103	0.12618781	0.13527943	0.12513219	0.10680314	0.12021312	0.10735914	0.1229231
0.15752307	0.16117241	0.15544428	0.16223029	0.16711567	0.1959966	0.40368213	0.43058072
0.21267798	0.0746282	0.10300567	0.11677878	0.1081171	0.10811913	0.15690995	0.17088876
0.00971919	0.00993521	0.01000226	0.01022696	0.010482	0.01039953	0.0105718	0.01122647
29.4732016	31.0561206	31.3401282	31.8751376	32.2289722	31.6978546	25.977858	27.1776671
2.62604945	2.81752925	2.95953016	2.90742841	2.91084749	2.84488768	2.76401185	3.01886693
3.95362111	3.70922997	3.53063242	3.62730871	3.69434526	3.59997576	3.1598276	3.02898986
578.901625	633.09334	712.640771	819.17455	910.8812	940.777334	1019.24215	1108.67



0.46220691	0.45708121	0.46264802	0.490112	0.50657104	0.39814307	0.30446792	0.88860064
0.59055416	0.62943865	0.62412239	0.60757849	0.60934608	0.6142991	0.60208879	0.59134005
0.27193063	0.30503653	0.35868079	0.3563134	0.35529987	0.31327876	0.32475064	0.34429703
0.00935764	0.00833683	0.05025946	0.04867076	0.04721907	0.04887681	0.04860894	0.03906204
7.4384E-05	0.00010761	0.00018313	0.00021607	0.00020399	0.00022157	0.00020871	0.00022907
4.55947841	4.73281523	5.60389143	4.37898734	4.88478749	4.56005498	4.09666477	4.18101417
0.00160061	0.00166728	0.00166437	0.00174694	0.0017003	0.00169231	0.00179087	0.00190527
0.0017485	0.001857	0.00219119	0.00230412	0.00260216	0.002277	0.00239418	0.00267398
0.68173042	0.75816908	0.80000702	0.79364116	0.91145877	0.83171043	0.84039954	0.54466554
1.02536915	0.82151232	0.82683299	0.95517605	1.00176612	0.93994577	0.86254383	0.88898801
0.00055347	0.00054936	0.00064265	0.00068296	0.00074408	0.00075956	0.00085237	0.00088039
0.74973253	0.80539905	0.78632985	0.82302193	0.80898718	0.8154889	0.67947448	0.56468506
5.81053381	6.25715215	6.16271191	6.32551983	6.56219552	6.25401317	5.28539455	5.21977032
45.3596835	45.8448934	44.0224302	45.3697716	46.5923325	45.1606522	39.6957631	43.3261971
0.00315231	0.00315956	0.00297269	0.00291207	0.00314378	0.00295382	0.00298762	0.00336403
0.02201648	0.02118747	0.02005387	0.01972583	0.01822424	0.01824457	0.01414177	0.00803076
1.67088751	1.79718868	1.75757827	1.81828238	1.81723828	1.60310442	1.15713759	1.03461439
1.12044762	1.06777427	1.10527355	1.51245107	1.60915688	1.60100316	1.47686426	1.58387037
5.80140965	5.80654913	7.61214315	7.84298348	8.20176964	8.55520673	8.67167494	9.26791325
1.23878869	1.21906217	1.43549483	1.58507815	1.74131018	2.1230431	2.06047649	2.02115517
23.522793	25.0082591	26.9335258	30.5865858	32.6965974	25.4153304	29.4310979	28.9897368
0.03336703	0.03175146	0.03214349	0.03146853	0.03097246	0.03100775	0.03034609	0.03110004
0.00087729	0.00127739	0.00124832	0.00127899	0.00138129	0.00128741	0.00137155	0.00141889
28.9877815	29.6862759	30.9746523	30.9981985	30.922469	28.0864162	22.1916229	22.8490113
0.5485957	0.80626099	0.82372531	0.86672287	1.04731186	0.97345413	0.40019563	0.33277806
0.65592628	0.74331783	0.85467018	0.89563013	0.84073426	0.9150249	0.83091222	0.83509847
2.2063605	2.61689322	2.57721581	2.62349077	2.66522414	2.74766194	2.41319135	3.09668164
0.0574884	0.05722543	0.07716415	0.07944762	0.08166086	0.07546238	0.05799163	0.07872632
5.2983E-05	5.3686E-05	5.9813E-05	6.5056E-05	6.5024E-05	6.4772E-05	7.3037E-05	7.1616E-05
28.0020603	28.1835574	27.8932191	27.6193904	28.1698657	25.8858179	27.0492816	30.356215
9.584E-05	0.00010063	9.5154E-05	9.8926E-05	9.492E-05	9.4093E-05	9.3759E-05	9.3278E-05
0.11764205	0.11800205	0.1181565	0.11330306	0.09844113	0.09781858	0.1006425	0.09392236
18.2193881	18.540383	17.8578001	17.3841377	18.0616983	16.5998924	14.6569392	14.5772666
0.56559974	0.72333754	0.76198271	0.78484525	0.81475531	0.81824974	0.93681665	1.08579823
0.89800083	0.87563533	0.85656419	0.92263034	0.79261209	0.77929293	0.72665871	0.85612743
5.8588E-05	5.8648E-05	5.8726E-05	0.00016259	0.00030609	0.00029652	0.00028513	0.00027023
0.17467915	0.17570899	0.02585413	0.02654702	0.02752406	0.17050263	0.13386922	0.11643072
0.09378854	0.09307509	0.09647211	0.0963101	0.09397809	0.11719111	0.11884364	0.1200303
0.00354768	0.0036909	0.00372682	0.00388573	0.00408019	0.00403032	0.0042722	0.00451859
0.00370042	0.00386297	0.00384034	0.00394262	0.00408597	0.00403868	0.00419724	0.00437196
0.49601724	0.51570044	0.53478993	0.55848381	0.55857688	0.55865083	0.56176452	0.56184459
7.57198181	7.61299077	8.00894746	7.90280384	7.79867226	7.31072364	5.78918236	5.42635095
0.00042576	0.00042395	0.00046411	0.00049401	0.00050076	0.00052074	0.00056982	0.00061984
0.00054787	0.00054838	0.0005491	0.00055056	0.00055033	0.00055444	0.00055186	0.0005558
0.80873905	0.7683145	0.99016284	1.0531056	1.06398859	1.04475859	0.63192919	1.13611767
0.02294814	0.02301966	0.02325112	0.02314418	0.0237344	0.02419761	0.02444564	0.03372714
0.0016996	0.00170219	0.00170409	0.00170173	0.00170102	0.00169939	0.00169911	0.00170242
0.55451567	0.52549734	0.48062468	0.47890262	0.47522846	0.62229063	0.51150798	0.61468181
0.60678975	0.76562949	0.61034617	0.76511109	0.7455159	0.69707728	0.70554022	0.63247307
2.27325417	2.91509189	2.71120627	2.83752231	3.08980536	2.95696215	2.44533634	2.48838944
0.24760743	0.24761823	0.24702268	0.24999744	0.25418722	0.25242449	0.249755	0.25757766

3.88947297	4.01055845	4.4885159	4.48444294	4.67400064	4.44254883	3.44494411	3.58796979
31.1043406	31.3549425	30.7187289	31.4192328	32.3780005	32.2772287	30.9652766	31.5435935
83.346789	87.4279001	92.0194452	96.8048363	106.157869	111.252884	117.056094	124.853826
2.12513527	2.30012106	2.40431318	2.36433859	2.39060871	2.09976998	1.50500205	1.29936491
20.4156057	22.3625271	23.9079265	28.0606087	32.8441669	37.8933547	41.9669728	50.7618174
1.38091977	1.60250666	1.90540715	1.79088205	2.15310796	3.17985687	3.3510909	3.99949421
0.90751488	0.91693625	0.9217251	0.99174829	1.16358555	1.66237341	1.74686686	1.7864581
3.20469388	2.82162673	3.10628366	3.03583734	3.1689317	3.31695652	3.12285131	3.49774834
31.2319165	33.7358845	33.9768962	34.0664539	34.1930904	32.1866649	27.1419511	28.1956214
0.24532669	0.31937918	0.33089933	0.53553566	0.44402624	0.51314242	0.51100522	0.50740774
1.6068748	1.81847806	1.8286988	1.76707221	1.78150187	2.0315293	1.77364847	1.77829847
72.597567	72.9429635	74.3986059	74.196995	74.058278	69.5441871	60.5545607	64.2371926
6.52766916	6.37405133	7.52865412	8.88727584	8.47417581	9.03640892	7.72991435	8.16152863
1.07324254	1.14021128	1.27992859	1.24962644	1.3830871	1.50833296	1.67421245	1.86271562
0.37079315	0.40642654	0.47009139	0.50163301	0.57033136	0.58357852	0.28768786	0.37571967
0.0331411	0.03448763	0.0359467	0.03657986	0.08021962	0.40381859	0.46693367	0.37763523
0.00026797	0.00027937	0.00032704	0.0003616	0.00036873	0.00040302	0.00038727	0.00038118
0.00022689	0.000241	0.00026266	0.00027926	0.00028768	0.00028846	0.00033602	0.0003462
49.3067076	46.7962128	45.1062198	47.0086077	47.5832798	46.480307	42.5526674	40.8645057
3.57355123	4.02303142	4.13923075	4.36325086	4.5558799	4.90493867	4.8503581	4.73667784
0.13982146	0.13704101	0.13454613	0.21230485	0.21535361	0.20320319	0.47366977	0.52967398
1.30241513	1.36589038	2.01880465	1.88147122	2.10843013	1.93159065	2.17967709	2.32555665
0.01889755	0.02543061	0.06909357	0.07113001	0.06960248	0.04505564	0.03513542	0.03718219
4.35847241	4.45541187	4.52345161	5.0488289	4.85623068	4.53364342	5.06987365	5.3299989
0.00074527	0.00074592	0.00081738	0.00084567	0.000858	0.00086796	0.00094557	0.00097709
0.63746728	0.61872344	0.77584577	0.84132137	0.90380353	0.89944295	0.92371521	0.79941742
0.00505664	0.00515196	0.00509527	0.0051239	0.00545455	0.00510221	0.00532824	0.00550107
1.44113769	1.39997048	1.43052081	1.63609335	2.85908854	2.89574833	1.45616773	1.43146021
0.60169682	0.64786952	0.6208198	0.64020258	0.63741052	0.57232072	0.52472712	0.5548584
0.31843429	0.36236766	0.37554576	0.41088847	0.44530063	0.41241331	0.42778621	0.6795027
0.00446756	0.00514933	0.00584514	0.00652018	0.00666096	0.00617256	0.00664613	0.00537986
4.5627019	4.82876456	4.85460165	4.64328346	4.49532771	5.53812914	5.43722964	5.28667603
0.18854774	0.27513282	0.36024829	0.42345444	0.41268407	0.4007497	0.33244778	0.42479714
0.07594391	0.09794867	0.10446126	0.10277696	0.14832305	0.10865779	0.09796979	0.1084899
0.00150365	0.0018372	0.00199249	0.00256857	0.00285747	0.00324194	0.00345863	0.00334568
24.8831114	26.1868427	26.6579911	28.2293258	27.5221503	26.1672853	25.9853385	26.1874133
0.58026203	0.62768564	0.74935302	0.75746071	0.99889448	0.99317673	0.58351254	0.80714233
0.03154861	0.03241715	0.03300869	0.03386784	0.03490998	0.03544578	0.03778556	0.03957128
0.00516397	0.00848634	0.00807665	0.00905863	0.00810719	0.00799591	0.00815082	0.00822233
0.40522336	0.37357643	0.43851767	0.44604513	0.46296457	0.48330816	0.47029848	0.49589169
0.10730334	0.06739299	0.08563346	0.10298859	0.11757997	0.15018182	0.13585603	0.16206166
0.86008636	1.08870931	1.1505287	1.20283603	1.2701734	1.19613907	1.20716233	1.2662853
0.09274747	0.13513852	0.13530057	0.15924577	0.1674102	0.13231159	0.12648828	0.21331222
0.08987705	0.08920727	0.08888062	0.09232739	0.09010066	0.06225836	0.06335954	0.06399002
0.01189701	0.01373116	0.01653494	0.01703823	0.01815802	0.02008785	0.01386387	0.01279667
0.0531216	0.09714746	0.11659101	0.12737507	0.12383199	0.14430389	0.13858968	0.12650739
15.7718744	14.7602388	16.1219622	17.3580519	18.4509757	17.7175402	17.6068298	17.0239031
0.02558812	0.05517994	0.06637705	0.06449326	0.0832796	0.08133304	0.08162353	0.08053687
0.05746201	0.05601333	0.06456631	0.07329924	0.0752741	0.07302093	0.07228012	0.077364
0.05134584	0.0523727	0.05504828	0.06653905	0.05930176	0.05740841	0.05342326	0.05049665
2.82978128	2.83944373	2.1212544	2.34557039	2.85804203	4.9202713	4.63917341	4.73457406

0.28803259	0.2896929	0.26184316	0.27854719	0.27293741	0.26884503	0.27222515	0.3015617
12.7737954	13.449683	12.9664934	12.7525219	13.0107901	13.2582739	12.8384359	13.5581912
7.9379716	8.00820855	7.5284989	7.3983549	7.79485952	9.08494488	7.1284915	7.47067837
0.39849318	0.2004697	0.20097992	0.20750583	0.21321953	0.20265909	0.63882699	0.66258911
2.17607905	2.2537644	1.75137556	1.80689403	1.7140665	1.85627444	1.99928004	2.07552795
0.97224233	1.15281774	2.82837778	4.14650588	4.58322031	4.69363101	4.87146466	5.72784731
12.0497243	12.8106148	13.0133711	15.2327804	18.6900204	19.4283121	18.7552262	17.9733664
0.32383429	0.32759611	0.41366699	0.42488196	0.41221336	0.69007987	0.63829174	0.5733274
1.75967098	1.98249429	2.17282441	2.58176593	2.80163958	3.06841184	3.44858151	3.51614536
6.74181168	6.15443503	8.50285442	6.26095703	8.52918822	7.58336589	7.68761596	8.51730245
0.00223718	0.00232914	0.00274716	0.00295405	0.00238955	0.00205252	0.00289456	0.00236449
0.05546136	0.05689237	0.05834474	0.0597934	0.06176678	0.06135956	0.06196476	0.14828729
13.0806945	14.2524478	14.8296518	16.2208172	17.6967268	17.1091291	14.5026382	15.7651639
0.62450454	0.65659111	0.65399312	0.65781114	0.5808344	0.53595196	0.40198879	0.34024857
3.91304812	3.90096079	3.86866647	4.14932064	4.16561669	3.60152837	3.50137733	3.19335747
5.7621191	6.30811105	6.29831048	6.23964228	6.5450943	6.26419368	5.25556348	5.53787911
0.3650413	0.36180635	0.32984187	0.3695207	0.38010318	0.45284374	0.36816087	0.39730996
0.00373181	0.00379428	0.00422498	0.0044456	0.00483489	0.00508005	0.00514104	0.00503045
4.57956737	5.03307248	5.56912399	5.68861813	6.14396014	7.91732963	8.39769444	9.40056425
0.16480366	0.1658216	0.16521407	0.16581129	0.15917605	0.15667735	0.14146886	0.11716409
9.16274515	9.82879389	9.59740289	10.4100491	10.779185	11.0112383	6.31632135	6.55288771
81.0149299	86.345946	88.2604668	92.6654722	96.7142695	92.4762352	82.4691337	91.5396297
0.06353395	0.06352782	0.06268114	0.06204224	0.06083181	0.06090598	0.05525316	0.05784711
32.7525045	36.6070022	40.527404	41.6104832	45.5336794	47.0749608	55.7637078	60.2106584
2.23024055	2.52674933	2.55025705	2.54350107	2.58885553	2.64524644	1.84220795	2.20462163
0.22317645	0.24157989	0.25505901	0.20238526	0.24947554	0.22231668	0.35051708	0.83500412
0.7307614	0.73449404	1.11895664	1.17371801	1.22743271	1.19346107	1.20499989	1.51913732
4.14220925	4.76252583	4.68627127	4.65098794	5.03988587	4.46318891	4.89667378	6.44233257
6.8897E-06	6.6222E-06	6.4224E-06	6.6984E-06	6.2576E-06	6.2592E-06	6.2741E-06	6.275E-06
0.0014392	0.00150986	0.00165292	0.00177984	0.00192589	0.00202492	0.00209043	0.00208977
0.08278064	0.08808776	0.085046	0.10712277	0.10431407	0.11001545	0.09855063	0.12511739
0.55605219	0.50273237	0.45071653	0.53507588	0.51752436	0.50377712	0.46550884	0.50233699
0.02456255	0.02534725	0.02594467	0.02666856	0.02735299	0.02772507	0.02854899	0.0294895
4.2183E-05	4.2985E-05	5.8582E-05	6.0446E-05	5.7491E-05	5.7022E-05	8.151E-05	8.6796E-05
0.00047308	0.00050734	0.00051093	0.0005295	0.00055831	0.00053758	0.00058171	0.00063666
0.02567172	0.02575795	0.02589239	0.02596531	0.02637691	0.02646487	0.02009828	0.01821168
3.57514707	4.2492296	4.09679902	4.41476009	4.68282573	4.59997116	3.81869923	4.20388033
2.00935974	2.08333566	2.11530636	2.09057014	2.1229153	2.07496424	1.74849534	1.70242617
4.2002647	4.38535845	4.40174867	4.5532748	4.50978858	4.51211932	3.63902246	4.02390698
0.00242127	0.00242461	0.00245185	0.00246856	0.00252262	0.00251565	0.00255304	0.00259966
0.00175808	0.00243457	0.00204401	0.00219767	0.0020101	0.00174418	0.00208547	0.00220161
2.5162147	2.39231827	2.38663306	2.40721167	2.57480778	2.74100576	2.93143082	3.1301864
6.6601E-05	9.9975E-05	9.5304E-05	0.00011267	0.00012634	0.00013202	0.00016522	0.0001759
0.03102415	0.03225024	0.03309764	0.03381296	0.03464908	0.03547381	0.03641134	0.03776456
0.34520633	0.34635505	0.34635715	0.33139197	0.31815168	0.49115226	0.43179415	0.44574417
21.9430196	23.1779267	24.5987688	26.7622838	25.2782045	21.9266861	22.8886703	20.8180848
0.67930486	0.81573951	0.81038516	0.91490685	0.91323486	0.82147282	0.70576202	0.73365139
0.37658306	0.66615827	0.44617974	0.92831563	1.0160762	1.07385154	1.06779387	1.11563343
0.002266	0.0024301	0.0025385	0.00266585	0.00278864	0.00292851	0.00305708	0.0031011
0.00041601	0.00040972	0.00046488	0.00053222	0.0005154	0.00056257	0.00059883	0.00054862
11.1696938	12.4996308	16.6984823	17.6235262	18.0027678	17.6139963	17.4203452	18.5766119

2.57394924	3.07053616	3.18910203	3.15028454	3.07181903	3.21295964	3.00624172	3.33161536
22.2845257	23.6959168	25.4938581	28.0782407	30.2410597	32.3013494	35.3804736	39.8135962
16.9111753	17.775658	18.0019441	17.6337111	19.622351	18.687002	18.1887803	18.7532281
0.6002499	0.64479265	0.75811145	0.66456479	0.72549561	0.77001738	0.79515474	0.95210595
0.301037	0.33013791	0.35987795	0.33992825	0.38405672	0.57012721	0.54764843	0.64693183
32.0043223	33.7315517	35.3535212	35.7768903	38.012796	34.5946991	23.4847346	26.9533556
0.41661037	0.41838369	0.26212791	0.26213652	0.26843667	0.26600014	0.42674995	0.34178034
144.33528	155.224519	150.630532	152.981772	151.976233	141.440751	120.186366	131.222013
4.2541682	4.72786035	4.74663294	5.23993865	5.7672908	5.90971457	5.76094919	6.82933115
0.00047153	0.00047768	0.00051563	0.00052958	0.00053359	0.00053267	0.00063986	0.00058492
9.00267782	10.600674	9.32166709	10.3900283	11.3015999	10.9216624	10.7179025	10.1060492
0.00019507	0.00019852	0.00022247	0.00023826	0.00024361	0.00025122	0.0002882	0.00029916
13.6719048	14.3404748	17.6296967	18.1458525	20.6054459	21.3334082	24.8762787	26.3931868
0.00065637	0.00064011	0.0006849	0.00070577	0.00085837	0.00088904	0.00095189	0.00095228
0.00074319	0.00076377	0.00084852	0.00092471	0.00101932	0.0010823	0.00119183	0.00115465
1.02921855	1.04916445	1.05659866	1.01523024	1.1350656	1.3546278	1.34663632	1.20589685
14.9600916	17.0689256	16.1253871	17.2627639	18.4448716	17.1893122	14.3657356	16.5041534
0.27753838	0.33816204	0.32824371	0.41134816	0.40341691	0.34663586	0.44079075	0.55137598
0.67581087	0.59084073	0.68769748	0.60588032	0.47741385	0.44238461	0.41485529	0.59151956
0.11555022	0.11669333	0.13143112	0.14591674	0.15711334	0.16010889	0.17621459	0.17928957
0.24908232	0.2137626	0.35623796	0.46542889	0.49963343	1.31185268	2.4244958	3.30782276
2.75430253	3.45252558	2.47657103	3.29316576	3.89611248	5.20389099	5.75724207	5.68360975
0.01118979	0.01047839	0.0110461	0.01092461	0.00971364	0.01271374	0.01787831	0.02208868
367.412902	403.086621	429.024642	444.324424	459.27623	466.389435	443.785359	466.657076
1.92207605	2.30645363	2.38109227	1.9242767	2.10447894	2.29210068	2.31348832	2.24150972
1.36162708	1.36473164	1.37435751	1.39350497	1.42859076	1.46046833	1.4540513	1.4540513
20.8636568	21.0671448	22.7474851	23.923959	24.5863897	26.1620977	28.7946021	30.0559408
34.5579561	37.1676954	37.7143662	40.5476509	43.8822187	45.8477931	42.0210052	44.199154
0.58544636	0.60721865	0.67157523	0.66502657	1.05899101	1.25844524	1.14269743	1.26301321
0.05507813	0.05539122	0.05863953	0.06733991	0.07349746	0.08128438	0.09514234	0.10369389
76.408351	79.1821006	79.3333908	81.2516067	83.5780932	85.2988057	84.9395495	87.6344759
23.52132	23.8499217	24.5497229	23.3986256	23.5870172	22.5544681	21.7190038	22.5295264
3.14866849	3.7865176	4.21280715	4.84286255	3.77828745	4.77255584	4.24842606	4.95169761
0.07936323	0.09942304	0.08325113	0.10789015	0.18484744	0.10919616	0.10839559	0.15771939
25.8828193	26.9682156	26.1874148	26.5976782	27.4288216	27.5026538	26.693621	25.8687961
1.36877885	1.40044848	1.54274249	1.96147764	2.43208058	2.44987701	2.81242931	3.17021413
0.54797621	0.50480096	0.54675275	0.56046239	0.8299925	0.91940589	0.86577046	0.90264273
3.96256268	4.57799842	5.09669572	5.31323531	5.42359547	6.06904045	6.39438222	7.39390564
6.41948047	6.94978095	7.76389441	8.19006813	7.92501832	8.30510067	7.97754193	7.75990238
1.93540575	2.11879948	2.48187072	2.59481178	2.823209	3.08940077	3.04215097	3.12453919
0.27229165	0.2911016	0.29254705	0.37603964	0.44996986	0.47908451	0.40369324	0.4767437
2.05556354	2.39160664	2.30440241	2.88483828	3.04801749	3.38043386	3.49102446	3.40324231
6.82041203	6.98421775	7.77422986	9.13315099	9.29246419	10.5498016	9.64881393	10.2359216
0.0495993	0.04498298	0.05064994	0.05914748	0.05687169	0.05629169	0.06928934	0.08521287
0.05763526	0.05769634	0.06336109	0.07964231	0.09506078	0.09823997	0.0873703	0.11502378
2.9237605	3.22637085	3.4526699	3.99217104	4.5137886	5.0870436	5.53864494	6.07357168
127.514799	136.450475	137.192524	140.259285	145.965659	151.340333	148.717601	167.991123
0.15349248	0.14984271	0.1584657	0.1764739	0.17753856	0.22648262	0.23803005	0.25949918
0.92273782	0.97365858	0.95182216	1.03141197	1.12642119	1.13211104	1.12186225	1.17557625
0.0711381	0.0694438	0.08257987	0.087911	0.0897612	0.10008102	0.1186329	0.17303616
1.33713067	1.46417486	1.49577188	1.58374052	1.71567473	1.98403621	1.78449621	1.8894426

0.12036295	0.12182167	0.12188364	0.13136652	0.13509479	0.10383489	0.09998177	0.09984533
162.276358	159.701809	163.455777	162.347655	167.690594	167.676716	163.763554	169.432938
16.3886606	16.489454	16.5724429	16.6963241	17.0354753	17.4493185	17.2407026	17.1761243
16.3320374	16.9189657	18.5607251	18.2862945	19.8109428	20.582669	20.709564	21.4369367
313.144272	371.136817	397.312032	434.811987	468.57666	507.067555	517.074565	568.779788
1.03740597	1.14407022	1.2253102	1.28190925	1.29050819	1.56177844	1.55121775	1.48426623
2.09899754	2.16523372	2.10737605	1.86967201	2.12836131	2.18456792	2.51414278	2.67522407
0.82216648	0.89471602	1.110091	1.19557862	1.33467595	1.51693908	1.51631585	1.65458203
0.59772062	0.70579106	0.72094406	0.87960445	0.95893326	1.17636637	1.28168907	1.48284648
0.01142294	0.01774409	0.03149726	0.03451273	0.02860208	0.0336443	0.03297536	0.04530257
17.7307405	20.2410653	19.845986	20.805314	21.7744703	22.0882798	20.402436	20.6326646
0.06090411	0.06850617	0.06733035	0.08157056	0.05523344	0.05729699	0.07074106	0.08148933
0.1708755	0.19170728	0.30400769	0.33579117	0.39127561	0.39502901	0.38148317	0.39542039
3.5889019	3.85481888	3.77404498	3.97554344	4.27368433	4.38055722	4.43571343	4.56214537
1.89077536	1.97153942	1.91395427	1.82794639	1.8469664	1.81803831	1.41304259	1.24650528
0.05077758	0.04657773	0.05001865	0.05643121	0.07034982	0.07842496	0.08119098	0.09192112
1.88678957	1.98782456	2.02636718	2.01406664	2.14710147	2.18839064	2.18931374	2.23709087
15.1202044	15.8468755	17.1466176	17.4536984	18.413732	18.2617835	17.6347225	16.6022288
164.036436	163.989423	155.629265	153.48306	148.380512	148.893744	147.059209	148.123321
0.38941256	0.38986858	0.37740873	0.36752151	0.39161963	0.43914709	0.39206384	0.42774999
0.01205795	0.01350462	0.0138443	0.01536317	0.02016642	0.01955914	0.02184175	0.02589751
12.6556744	12.9526876	13.1708228	13.464993	14.0223492	13.8705697	13.1382172	12.9902659
5.25759656	5.44049101	5.76209042	5.8636313	5.95256172	5.43724104	5.63859251	5.74050768
21.7603981	22.0250262	24.1619221	25.6264693	27.6011664	29.1924163	30.5164347	31.7104879
9.15041888	9.47465654	9.90574899	10.2021023	10.0031585	9.95950582	10.4831396	12.6618416
30.6440387	31.3428797	30.7860022	33.4622086	37.0311283	39.0530725	41.7813432	44.8427143
0.27416748	0.25550031	0.18234702	0.15976958	0.13734919	0.12134585	0.1180729	0.14042859
0.13295613	0.13300058	0.13278166	0.13287186	0.13106871	0.13221291	0.13440024	0.13280374
101.412914	105.761718	109.541269	113.149579	116.123707	109.924685	101.324938	98.4477438
2.00370421	2.0440566	2.1462938	2.30025942	2.41205265	2.31905731	2.12912998	2.24407425
2.16605339	2.34085872	2.11825748	2.25653583	2.45246391	2.53515858	2.64939944	2.70819194
12.2673887	12.6038996	12.6269914	12.8086671	13.1477297	12.5269327	11.961152	12.4667105
0.53328578	0.68850949	0.64370907	0.73411903	0.65518886	0.5569685	0.50601247	0.88906282
0.00346515	0.0036479	0.00380592	0.00488299	0.00509927	0.00551247	0.00616348	0.00636173
132.823583	133.062132	130.796248	131.123363	130.294683	124.319482	122.929378	123.27096
0.35167968	0.37413933	0.36761832	0.3706192	0.42506009	0.43443875	0.40587368	0.63812243
124.572957	125.976272	127.202112	128.853965	129.553648	122.740073	118.318412	116.848859
1.23897515	1.2030057	1.51421568	1.57172899	2.06647341	1.74418912	2.17006669	2.25959068
3.14686741	3.6473621	3.6030782	3.64738584	3.83832752	4.15580937	5.05432549	5.14677679
0.2597463	0.29099038	0.29730349	0.30982276	0.30350934	0.30350934	0.33791042	0.34106713
0.76737403	0.81813709	0.86721798	0.9332699	1.00224757	1.033037	1.11006198	1.26663045
0.20447054	0.1934833	0.20062183	0.23016529	0.25002	0.25233544	0.27807309	0.33511135
0.14731941	0.15944728	0.16437181	0.18515262	0.20052994	0.21114197	0.23222766	0.2307821
0.12327715	0.13147859	0.13639628	0.14543182	0.15893628	0.15705673	0.16481651	0.16372811
0.33854555	0.35427685	0.39226582	0.43354125	0.45889781	0.47141999	0.49025582	0.50909137
20.9820969	21.3922663	21.7842348	22.2879701	22.8774307	22.1979034	24.7980315	21.9868419
0.02345299	0.02210118	0.02424733	0.0279009	0.03093962	0.03474191	0.03788986	0.04418667
	0.10052625	0.09416847	0.10985073	0.09395628	0.10024542	0.09720381	0.10352901
4.90923685	4.77706362	5.1459931	5.32513921	5.63500786	5.15261695	5.86509869	5.78652789
0.06252947	0.05959033	0.06056144	0.05943383	0.06990566	0.07615341	0.10821848	0.11030156
0.54331119	0.56229767	0.53721814	0.49924484	0.55233253	0.55455317	0.5941577	0.60610792

7.74163468	5.24229387	6.11532223	5.41746498	5.37619726	5.3401692	7.14188796	6.56212442
2.29625169	2.32998737	2.1254771	1.98913313	3.15545141	3.04085915	2.96875228	2.97194102
5.0837446	5.22492067	5.42803223	5.78150718	6.21273758	6.1499662	6.11232104	5.87003205
0.79432859	0.77259613	0.77953272	0.7799483	0.94885748	0.92091562	0.9415056	1.07822559
10.4034648	10.8848683	11.7946915	12.5989001	12.9708629	12.8861282	12.8075699	11.6492129
69.2742738	70.8285616	69.8382956	66.2946456	67.8143903	72.070255	81.681738	89.1138827
99.5260003	108.051224	115.403664	120.648077	142.976442	163.209739	178.711928	192.918884
11.2798596	11.990115	12.6738918	13.8777047	14.211159	13.3878457	12.1396053	11.3397977
91.4330035	96.9573799	104.933248	111.135407	110.548706	115.2306	125.208944	116.747314
21.5650134	24.1358841	26.0455302	25.8745865	25.6978801	24.6048444	25.2713273	28.0186943
0.64031264	0.67157075	0.67157075	0.90018892	0.96626526	0.91358162	0.88841027	0.84503036
14.2938212	14.1648443	13.4658441	13.7693279	14.5042408	15.9823976	15.701849	16.4481175
121.808912	124.035362	122.957959	124.257207	124.734907	117.928166	111.841035	109.187324
2.06736619	2.11849489	2.21256927	2.15023744	2.06930907	2.04115926	1.99748641	1.85632331
3.8322294	4.4042032	4.85397257	4.76798418	5.09153389	4.63090787	5.15331346	5.21670696
256.840196	256.79322	254.01775	250.133774	242.909369	233.809933	227.636135	228.65035
8.6535982	9.23165019	9.55426415	10.5348085	12.0992038	13.7837806	12.4388235	13.1540749
2.50122395	2.76128379	2.88836486	3.23556925	3.27042056	3.35849938	4.1653381	4.95006651
0.93684331	1.18486281	1.08887301	1.16324469	1.74599096	1.95853481	2.27144733	1.98278089
1.35147815	1.37437175	1.50309378	1.60634591	2.00372188	2.06984757	2.68850112	2.94732437
0.01656142	0.01653712	0.02386388	0.0271264	0.02444355	0.03125376	0.02903146	0.03336148
0.02026012	0.0217993	0.02071406	0.02381552	0.02623999	0.02834414	0.03234761	0.03677327
88.3005437	88.9474681	86.0648489	85.9643787	88.6364972	84.1691878	85.0665925	86.6126279
7.07821657	7.53729961	8.15919889	9.25750677	9.56994484	10.5411702	11.7277829	12.6700592
0.92613603	0.96338195	1.00394681	1.06645421	1.1725585	1.34635646	1.50888806	1.52173421
3.9954092	4.01122314	4.04226956	3.89029905	3.05825535	4.44006626	5.11377306	5.04571691
0.22942788	0.25703414	0.30753702	0.32944489	0.31437631	0.28163973	0.26350326	0.40069451
11.8853626	12.3842141	12.8593801	12.9597798	11.7877812	13.457665	15.6077206	18.2503583
0.03813597	0.03654164	0.03919561	0.04388574	0.04733899	0.05256428	0.05748088	0.06772194
5.65776233	5.84382043	6.31531441	5.98798511	6.5693577	6.02173604	5.49895234	6.92081344
0.18290363	0.19872031	0.20239045	0.20875159	0.27801352	0.23565211	0.27400765	0.27349281
3.48763687	3.82786857	4.06107514	4.33234671	5.03258304	5.00952797	4.13834737	4.2753559
5.85887346	6.82879895	7.2066666	6.89733242	6.61965999	6.71645811	6.1905616	6.55262905
2.7366194	2.8747892	3.0015538	3.31591736	3.75147214	3.54581276	3.10935948	3.18095833
0.65089902	0.72585384	0.79355034	0.83438282	0.7650095	0.72864178	0.84907252	0.75783137
9.37062084	9.8322336	10.2369239	10.5435923	11.1918071	12.263432	12.9727129	13.6451416
1.12858152	1.25867462	1.18688144	1.19594552	1.31063784	1.59328468	1.51086534	1.73920456
0.83647246	0.88600947	0.84696471	0.81615941	0.87320109	0.89012262	0.84645288	0.89377295
0.21392233	0.26348623	0.26509872	0.34294316	0.34835405	0.4354474	0.49271646	0.57619781
116.380328	122.758053	130.234279	137.406694	145.172872	151.183073	147.696622	150.578999
0.9887149	1.00997106	1.02226582	1.02244485	1.17261347	1.19718396	1.28661318	1.35423034
0.40718846	0.43396228	0.4558738	0.55907631	0.68789628	0.83074604	1.06163658	1.02747434
0.36496368	0.4451697	0.5037001	0.5196316	0.5351518	0.5838487	0.5156662	0.5633919
3.88346655	4.31814098	4.75240966	3.98938472	4.48409054	2.09522078	2.19249647	2.30218962
0.99776924	1.15915922	1.03181998	1.27603217	1.53749719	1.62395958	1.4782328	1.45123564
1.12533879	1.14169311	1.04408664	1.13154807	1.40467371	1.37289717	1.53714681	1.7009655
0.60046246	0.66836601	0.70434654	0.71295645	0.83328356	1.04185325	1.03616802	0.97618094
0.21620573	0.21012944	0.21496107	0.2372986	0.25639039	0.27866789	0.31071137	0.3494332
0.81161115	0.83051491	0.85818441	0.86822556	0.83189283	0.83844602	0.86951205	0.92302589
0.32133379	0.35025093	0.31614448	0.34697296	0.34834116	0.42834765	0.38204253	0.46470446
38.1158613	40.9582818	40.6971352	38.996137	41.5263562	43.6175152	42.7462085	44.1011281

1.26343804	1.33287741	1.5552277	1.38984276	1.39379138	1.53238637	1.69649777	1.77623693
0.66778141	0.5999995	0.75816714	0.75760115	0.81579828	0.92845162	0.99831987	1.1833964
0.39325487	0.40298435	0.40329602	0.41581847	0.48857576	0.49840913	0.65334152	0.80289575
29.0842704	29.6880056	28.7073242	24.2272953	21.1573239	25.3704336	23.7400848	29.7332872
1.51799118	1.45660346	1.45005026	1.4949425	1.55042709	1.51508741	1.48589276	1.54526302
33.6570781	34.1902801	34.4236062	35.308923	34.5914714	34.9505259	33.4424694	34.0545452
12.6359638	13.0119106	13.0695633	13.6833771	14.2746283	13.9280976	13.6295817	15.0106728
0.78328606	0.83728075	0.83683553	0.88446394	0.90839172	1.33783649	1.75243309	1.94032134
13.1593675	13.4647192	13.5289928	13.6823292	13.8078952	13.8905278	13.6193764	13.6061012
3.03710133	3.20579079	3.6674592	4.09289877	6.17175813	7.32456282	7.44283002	8.25097409
27.1338522	29.2563214	27.1994318	27.5894112	33.2046382	32.1738796	32.6917051	33.3597943
2.48440843	2.55441077	2.88788495	3.03164757	2.82822546	3.14215346	3.41902438	3.55722244
9.37463063	10.6093094	10.0781181	10.8261553	11.2816724	13.792195	15.0674107	16.8792738
25.4967173	26.3873394	25.1142163	23.5826097	23.712955	22.7237076	23.589862	23.7494378
0.5406749	0.46810554	0.55433948	0.57004256	0.41148647	0.54865026	1.01555987	1.06783847
1.35702817	1.46949225	1.55733046	1.61568572	1.70481639	1.68996492	2.06567899	2.07873288
28.3000575	32.0939973	34.5128034	38.2583413	42.3267964	44.2771891	44.688272	47.118298
2.98527745	3.04047556	3.03306088	2.97248979	3.00570678	2.82685811	2.86081495	2.76144734
1.53442421	1.54705036	1.3034219	0.99655786	1.1926817	1.22114283	1.31542482	1.32484274
19.4354247	19.8950282	19.0712702	19.0152671	19.1787569	19.2377955	18.9549967	18.5264361
3.37144638	3.36632516	3.0563285	3.35718798	3.20744061	3.80209512	3.95501693	4.45211983
0.34643741	0.31503534	0.36470619	0.36306563	0.37635018	0.44184708	0.46759732	0.54116747
3.36303753	3.75632409	4.72857639	5.6481537	6.5478129	8.40989844	8.46316059	8.8685661
0.9959227	1.13911919	1.10775405	1.07517236	1.05134473	1.19561403	1.25852931	1.33558868
12.4200502	12.8873885	12.0715672	12.5237024	13.2767128	14.8583658	14.891996	13.8263785
207.554385	222.184247	220.891812	229.170968	230.713847	245.304223	228.32467	244.125298
0.30879792	0.29971065	0.32722463	0.32402721	0.29331508	0.29011692	0.29920419	0.29920419
68.6797566	72.1709986	75.7518415	81.8586781	91.25826	98.5314224	101.550999	105.398641
5.68312191	7.06524279	7.84770627	8.42138966	7.06897462	8.51414913	8.179669	8.23108651
3.73249065	4.05282388	4.81438636	5.7865205	6.32244388	7.59755488	7.51786999	8.43894468
503.265219	553.096234	572.577646	609.814654	645.894551	647.013644	615.599725	662.156446
1.40705403	1.51635183	1.46233739	1.55377739	2.02720837	2.18524424	1.95138515	2.06043342
5.3050941	5.40978231	5.59398666	5.81237508	6.00696486	6.12421401	6.70111002	6.78635226
0.00547795	0.00650688	0.00684131	0.00549013	0.00675722	0.00697017	0.00708562	0.00780852
0.10301941	0.10212093	0.11572448	0.12285339	0.12840322	0.14949261	0.16401647	0.19589227
0.25245372	0.25928633	0.24235138	0.30826864	0.29503294	0.2931325	0.29949177	0.30958932
2.68394045	2.83710675	3.05724831	2.94268883	3.15102294	2.95437983	3.05671269	3.0128322
0.34407187	0.3544721	0.36600658	0.38395913	0.39959202	0.40173203	0.40382432	0.40167276
0.00782159	0.00731499	0.00791906	0.00880694	0.00953056	0.01030283	0.01151958	0.01346035
0.03427699	0.04059711	0.0445972	0.04827956	0.05098794	0.05687257	0.0616399	0.06507358
0.45692565	0.47244885	0.5040147	0.53226813	0.53589222	0.57325179	0.58483923	0.6708462
5.6342214	5.93002379	6.51101083	6.11205064	6.69291364	7.32770218	6.32251693	7.15395746
3.85632812	4.0419128	4.31141096	4.54962576	5.1512863	6.0573955	5.07802722	5.21185732
21.6432518	22.0425692	20.9938043	21.1118458	21.2560847	20.8148604	20.2933729	20.6652673
0.46727857	0.47027915	0.49884423	0.50236437	0.5183033	0.48652969	0.56187189	0.58712508
0.36083389	0.52370287	0.4834236	0.53416848	0.45362756	0.50206702	0.55002803	0.48380633
7.85592031	10.3412965	13.6256665	14.472762	15.4810113	15.6870818	13.1292833	12.96232
0.00936081	0.00935924	0.01148783	0.01469222	0.01801131	0.02073278	0.02338286	0.02730874
0.10184158	0.11052609	0.12174295	0.12865219	0.14689748	0.15678314	0.17312016	0.18612701
0.70138521	0.64321611	0.61381989	0.57812256	0.64342389	0.86716575	1.9312308	1.60304985
52.2573574	56.1286951	56.1581323	52.6634182	55.6298366	51.9764087	54.9055814	55.6603462

0.1006236	0.1341648	0.1243341	0.1639737	0.2554497	0.2524005	0.2371545	0.2676465
8.1899532	8.27384409	8.7652008	8.71734852	9.58239792	9.53663103	7.22051811	8.26279848
0.06073146	0.06121142	0.06808765	0.07117446	0.07240108	0.09104724	0.10830127	0.13063668
0.04658387	0.03991456	0.04699609	0.05463131	0.04535797	0.05639561	0.06555526	0.06907959
1.68455337	2.05297496	2.15154314	2.63368853	2.77581841	3.0012992	3.04515377	3.20361085
4.37770339	4.41583109	4.58964321	4.56154028	4.80540614	4.65031687	5.71650941	6.86145617
35.1269265	35.7432651	36.9415223	41.6514547	47.4505117	44.6722004	44.2586427	43.3860647
38.340355	39.8437958	40.9377369	40.858752	39.3567449	36.8828539	37.2203046	38.4242805
2.31442056	2.3997003	2.76362566	2.85571839	2.84418352	3.09307866	3.01957451	3.53570816
0.95814738	0.98527008	1.02158318	1.12869929	1.18984951	1.38047923	1.52443546	1.28021986
29.1693874	31.1722385	30.5906108	30.229811	39.9520991	39.9194219	33.418153	33.9065402
2.09183582	2.21106093	2.27418811	2.50123387	2.67746549	2.72678087	2.94350899	3.09998729
1766.75481	1788.66693	1807.72218	1806.01796	1806.36629	1708.27443	1622.54728	1679.77324
12.1697785	12.1695855	12.2061591	12.9299795	12.9054794	12.7810413	11.9854107	12.754831
0.0201317	0.02136196	0.02243565	0.02498307	0.02667323	0.02859855	0.04427098	0.03600273
34.3737622	34.836849	41.5512295	43.7959922	47.444303	49.5137562	50.2617777	48.593287
0.01160363	0.01185048	0.01270845	0.0154044	0.01667763	0.01934913	0.02265805	0.0262533
15.6522797	19.1620216	19.3610553	19.3370001	22.6360998	24.1007825	28.9274881	31.0700014
0.04152475	0.03107277	0.03444345	0.03279181	0.05189842	0.05852679	0.07213741	0.08458672
0.07952142	0.07518675	0.08447176	0.08975738	0.09459477	0.11133628	0.12439411	0.14399498
5.03391795	5.2216954	5.57335478	5.17443392	4.72222608	5.03717036	8.14747067	7.15031354
38.9773407	41.2549557	43.2016049	44.3514547	48.7521103	47.0531804	45.0707921	46.4991427
0.86073278	0.92222721	0.98987081	1.01612392	0.90399642	0.98173511	1.14590371	1.23326282
1.39347133	1.21444893	1.32041443	1.27601446	1.23161449	1.03007154	1.10548692	1.31786118
0.00192045	0.00202277	0.00212435	0.00218542	0.00225446	0.0023235	0.00239255	0.00246159
0.00931155	0.00943219	0.00955282	0.00967049	0.00978963	0.0099073	0.01002793	0.01015155
0.01389443	0.01389443	0.01401119	0.0142077	0.01445276	0.01476991	0.01506661	0.01492149
0.00506458	0.00506458	0.00506458	0.00417083	0.00333667	0.0025025	0.00166833	0.00083417
0.00173739	0.00176199	0.00178746	0.00181381	0.00184104	0.00186827	0.00189726	0.001928
0.0266258	0.01548677	0.00246614	0.00193094	0.00193094	0.00132452	0.00409676	0.0019579
0.00019442	0.00020215	0.00021052	0.00021953	0.00022854	0.0002382	0.00024786	0.00025816
0.02520008	0.0402619	0.03142278	0.02945628	0.01945711	0.02440205	0.01910826	0.00751556
0.00071676	0.00073227	0.00074777	0.00076328	0.00077878	0.00079309	0.0008074	0.00082171
0.00279904	0.00293053	0.00304313	0.00313872	0.00322901	0.00331929	0.00340692	0.00349455
0.02289132	0.03076144	0.02074215	0.01908454	0.02006052	0.0543692	0.04710658	0.04165471
0.00169639	0.00174107	0.00178427	0.00182746	0.00187214	0.00191682	0.0019615	0.00200767
0.23657465	0.24045744	0.24426278	0.24789536	0.25144304	0.25492668	0.25838202	0.26183289
0.00129078	0.00132562	0.00136187	0.00140647	0.00144829	0.00148871	0.00152914	0.00156956
0.19372675	0.1929431	0.16289246	0.176114	0.16982054	0.16802386	0.13773915	0.15853221
0.01211938	0.01182143	0.01152071	0.01145725	0.01112426	0.01094528	0.01038127	0.0102023
0.00527684	0.00551514	0.00575344	0.00599025	0.00602748	0.00606472	0.00610195	0.00613919
0.56474265	0.58699621	0.62473351	0.93182838	1.23892541	1.54602028	1.85311515	2.16021002
3.2189E-06	3.2189E-06	3.2189E-06	3.2189E-06	3.8627E-06	3.8627E-06	3.8627E-06	3.8627E-06
0.01415349	0.01442456	0.01469264	0.01495626	0.0152169	0.01547456	0.01573074	0.01598393
0.00046154	0.00046274	0.00046512	0.00046631	0.00046631	0.00046751	0.0004687	0.00046989
0.09913764	0.0928452	0.06630692	0.0848227	0.05365235	0.05605765	0.0475147	0.06642384
0.18699487	0.18533946	0.18368501	0.18203007	0.18037562	0.17872069	0.17706527	0.17541082
6.5594E-05	6.5594E-05	6.6787E-05	6.6787E-05	6.7979E-05	6.7979E-05	6.7979E-05	6.9172E-05
0.00092821	0.00091109	0.00092793	0.00093178	0.00092986	0.00092793	0.00093178	0.00093756
0.00029219	0.00030054	0.00031127	0.00032081	0.00033155	0.00034228	0.00035302	0.00036494
0.00139674	0.00143324	0.0014711	0.00150986	0.00155088	0.00159415	0.00164012	0.0016888



0.00327364	0.00334364	0.00341513	0.00348364	0.00355364	0.00362662	0.00369811	0.00377109
0.00025194	0.00028665	0.00032135	0.00032721	0.00033307	0.00033893	0.00034524	0.000352
3.77832354	2.95490038	2.57770819	3.18426797	3.18048481	2.97714855	3.38500977	3.50150653
0.00074554	0.00070857	0.00047289	0.00035084	0.00022878	0.00030446	0.00024698	0.00022043
0.00069973	0.0007286	0.00075844	0.0007902	0.00082197	0.00085469	0.00088934	0.00092591
2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06
2.06071203	2.07009819	2.10066694	2.08937479	2.10687303	2.14611083	1.9958479	2.18230769
0.00175495	0.00178985	0.00182699	0.00183661	0.00184816	0.00185971	0.00187126	0.00188282
0.00017253	0.00017897	0.00018541	0.00019249	0.00020022	0.00020794	0.00021631	0.00022533
0.15876581	0.13119639	0.10739578	0.08416908	0.08749272	0.08571251	0.08730808	0.08090233
0.00053363	0.0005478	0.00056022	0.000566	0.00057178	0.00057755	0.00058333	0.0005891
0.00059166	0.0007293	0.00137232	0.00166253	0.00222722	0.00260784	0.00885082	0.00452523
0.0008662	0.00089397	0.00092216	0.00093563	0.00095103	0.00096643	0.00098184	0.00099724
6.8511E-05	7.149E-05	7.2979E-05	7.4469E-05	7.7447E-05	7.8937E-05	8.0426E-05	8.3405E-05
0.00010723	0.00011021	0.00011021	0.0001117	0.00011468	0.00011617	0.00011766	0.00011915
0.00868374	0.00901781	0.00931956	0.00941439	0.00961699	0.00981743	0.01001788	0.01021832
0.02727638	0.02494242	0.0216496	0.0221827	0.02271581	0.02324891	0.0237832	0.0243163
0.00052591	0.0002319	0.00010951	0.00048713	0.00042774	0.00043699	0.00011033	3.2413E-05
0.07965656	0.07965656	0.08061021	0.07826149	0.09541381	0.08445508	0.08750055	0.09212383
0.10389083	0.10720761	0.11058997	0.11405298	0.11758155	0.12117361	0.12482447	0.12853049
0.02988759	0.03916253	0.04267651	0.04147137	0.03766918	0.03007483	0.02249589	0.02309732
0.0017848	0.00204129	0.00180366	0.00198486	0.00202172	0.00200354	0.00183452	0.00168932
0.44185848	0.52798844	0.48729801	0.47714561	0.47219103	0.48437839	0.47881266	0.4620493
0.00073704	0.00074419	0.00075135	0.00077997	0.00064998	0.00064998	0.00064998	0.00064998
8.4322E-05	8.6958E-05	8.9593E-05	9.4863E-05	0.00010101	0.00010716	0.00011419	0.00012209
4.77484543	4.63265217	4.52180062	4.41870511	4.44553502	5.02443517	4.09008199	3.73108017
0.00072668	0.00073919	0.0007517	0.00077577	0.00079983	0.00082293	0.00084699	0.00087105
0.00627546	0.00678006	0.00740872	0.00774745	0.00820744	0.00866605	0.00913859	0.00960974
1.59326034	1.59029032	1.36597871	1.51682231	1.34834182	1.33330423	1.29627818	1.26791431
0.00019675	0.00020114	0.00020729	0.00021695	0.00022837	0.00024155	0.00025648	0.00027317
0.00777811	0.00822417	0.00868696	0.00901732	0.00936162	0.00971707	0.01007391	0.01042797
0.00023364	0.00021695	0.00020027	0.00018358	0.00016689	0.0001502	0.00013351	0.00011682
3.9356E-05	3.8164E-05	3.6971E-05	3.5779E-05	3.4586E-05	3.3393E-05	3.2201E-05	3.1008E-05
0.00393196	0.0020179	0.00373102	0.00342315	0.00050566	0.00041932	0.00046242	0.00129418
0.00054529	0.00059918	0.00061642	0.00064228	0.0006703	0.00069832	0.00072203	0.00074789
0.00192564	0.00200441	0.00208451	0.00212966	0.00217746	0.00222791	0.00227836	0.00232881
0.00160199	0.00170932	0.00181986	0.00189835	0.00198006	0.00206336	0.00215307	0.00224599
0.06294764	0.06421155	0.08023107	0.08125207	0.08150975	0.13867354	0.14999691	0.16929136
0.01834666	0.01861684	0.01887482	0.01890403	0.01851899	0.01901024	0.0191085	0.01909522
0.00397539	0.00420264	0.00444342	0.0047048	0.00498098	0.00527004	0.0055694	0.00587649
0.0002301	0.00021372	0.00021372	0.00021372	0.00021372	0.00024188	0.00032393	0.00035671
0.03438122	0.0349374	0.03546848	0.03597448	0.03645538	0.03692792	0.03741162	0.03792598
0.00064875	0.00068108	0.00070263	0.00071556	0.00073496	0.00075436	0.00077376	0.000791
5.1974E-05	5.1974E-05	5.1974E-05	5.1974E-05	5.1974E-05	5.1974E-05	5.1974E-05	5.1974E-05
0.04638015	0.04796643	0.04957781	0.05116968	0.05277967	0.05442171	0.05610558	0.05783962
0.01229986	0.01232065	0.01241151	0.01249561	0.01257971	0.01263771	0.01285956	0.01285376
0.0347789	0.0381955	0.03946502	0.03931196	0.0403554	0.0392234	0.02193345	0.06934267
0.00280028	0.00285678	0.00280097	0.00280802	0.00275513	0.00263524	0.00257999	0.00260468
0.00711026	0.00723685	0.00736494	0.00748409	0.00760324	0.00772686	0.00785196	0.00798154
0.10625769	0.10816458	0.1099976	0.11177067	0.11347126	0.11513283	0.11680136	0.1185117
5.0787E-07	5.1412E-07	5.2036E-07	5.2036E-07	5.2036E-07	5.2036E-07	5.2036E-07	5.2036E-07

0.0007207	0.00073787	0.00075765	0.00076649	0.00078054	0.00079407	0.00080864	0.00082269
0.19190625	0.14284555	0.15617224	0.15567322	0.15430398	0.12072136	0.1122394	0.14055216
0.00949629	0.00958466	0.00966872	0.00975062	0.00982605	0.00989933	0.00997046	0.01004158
0.18860824	0.18805193	0.18767336	0.18736283	0.18718421	0.17206063	0.17660436	0.17465958
0.00021447	0.00022043	0.00023383	0.00022192	0.00021	0.0001966	0.00018468	0.00017277
7.0269E-06	7.9052E-06	9.662E-06	1.054E-05	1.3175E-05	1.581E-05	1.8446E-05	2.0202E-05
0.05592427	0.06948403	0.11482605	0.02902665	0.0064438	0.00463759	0.00342246	0.00385957
0.00577431	0.00603421	0.00622168	0.00632259	0.00644208	0.00655892	0.0066731	0.00678463
0.02905223	0.02987744	0.03070404	0.03153064	0.03235584	0.03316571	0.03394771	0.03469206
3.3217E-05	3.3625E-05	3.4033E-05	3.4033E-05	3.4033E-05	3.4033E-05	3.4033E-05	3.4033E-05
0.00015043	0.00015638	0.00016085	0.00016532	0.00016979	0.00017426	0.00017872	0.00018468
0.00983033	0.01121575	0.01098553	0.01135729	0.01052083	0.00914	0.01019686	0.0103137
0.00180037	0.00155241	0.00148814	0.00179774	0.00222848	0.00233849	0.00289208	0.00344606
0.13109168	0.1390078	0.13469099	0.13053827	0.14986257	0.15627398	0.1739713	0.1668263
0.00010622	0.00011073	0.00012103	0.00012554	0.00013069	0.00013648	0.00014163	0.00014743
0.0107667	0.01121415	0.01166299	0.01213832	0.01261365	0.01308898	0.0135657	0.01404382
8.9211E-05	9.4787E-05	0.00010036	0.00010315	0.00010873	0.00011291	0.00011709	0.00012127
0.02747205	0.01150434	0.02105758	0.02946203	0.02896812	0.02694468	0.0215037	0.01445883
0.09801051	0.12033951	0.08179397	0.1104682	0.13209241	0.10412297	0.03619626	0.04888887
0.04106156	0.04556821	0.04817039	0.05029877	0.05285853	0.05098116	0.04396102	0.04307758
0.00124511	0.00124809	0.00125256	0.00125703	0.00126448	0.00127043	0.00127788	0.00128533
0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452
4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06
0.01339987	0.01365008	0.01389881	0.0141386	0.01437839	0.01461669	0.01485201	0.01508584
0.00775302	0.00800114	0.00825066	0.00851968	0.00879289	0.00907168	0.00935743	0.00994567
0.00143586	0.00143586	0.00143586	0.00143586	0.00143586	0.00143586	0.00143586	0.00143586
9.99932523	9.99950014	9.66108447	9.6797411	9.96828822	10.9941337	11.3437866	12.9216901
5.08108389	4.98691982	5.42282178	5.5257429	5.67356255	5.81420175	6.01824116	6.16990067
2.34097801	2.24581969	2.20016817	2.1779164	2.06435541	1.94922579	1.85252081	1.86677763
0.00416534	0.0044298	0.00438719	0.00440306	0.00452785	0.00459257	0.00459537	0.00462242
0.81210183	0.81208418	0.93109029	0.9782713	1.02757391	1.08288204	1.27271239	1.11777922
107.613523	109.657804	110.446477	112.88914	113.997044	112.131487	106.037437	97.2247488
1.35423533	1.42527584	1.42130594	1.45246818	1.51526801	1.52098242	1.4067998	1.36923603
0.0328178	0.03346794	0.03343085	0.03358806	0.03354945	0.03341964	0.03327622	0.01580538
82.4188397	85.3243044	85.7981585	85.4222277	82.6519185	78.6779554	79.354752	75.9902003
5.58927004	5.51716901	5.399985	5.42037872	5.3953915	5.44581365	5.431259	5.54510184
6.13048658	6.33000036	6.52222981	6.78826389	6.97272092	7.18357911	7.35404238	7.45134492
0.59919877	0.64093904	0.68798337	0.78187862	0.8528942	0.92909086	1.07386737	1.23530933
7.84240123	7.73897129	7.57225799	7.46951492	7.40643069	7.41785689	7.39242426	7.40255837
1.97244943	2.02649773	2.0527181	2.13007208	2.18842179	2.26253019	2.35221289	2.43095337
9.74023707	9.96401884	10.2285853	10.4247817	10.6316361	11.0394199	11.3143376	11.7318793
90.9261752	88.8492231	91.2603797	92.4394705	93.2293282	98.2396013	99.141992	100.672636
2.78954661	2.83027279	2.63840373	2.4386241	2.57040509	2.45963278	2.32921669	2.16286698
0.02583186	0.02310447	0.02416423	0.02354109	0.02358549	0.01990434	0.01995214	0.02366854
0.00570978	0.00589216	0.00598848	0.00594982	0.00595373	0.00595211	0.00595737	0.00596226
1.37587242	1.45972909	1.4830305	1.65480019	1.57064097	1.5472387	1.5908688	1.62163727
10.4699145	10.4404396	10.1132574	10.3216607	10.3886833	10.4301535	10.9172353	11.2465937
0.12591871	0.12465506	0.12762901	0.14333084	0.15590614	0.16793282	0.18937296	0.19368812
0.00200119	0.00192933	0.00198299	0.00198013	0.00199503	0.00215136	0.00217785	0.00213942
12.9805872	13.3009312	13.7249751	14.198073	14.7377348	15.2655613	15.9676725	16.5918896
369.371137	388.051795	395.038349	393.945806	386.149011	394.487374	402.723411	413.269351

0.03825462	0.03527804	0.03257197	0.02782208	0.02554089	0.02664992	0.02896016	0.02881722
0.02514047	0.02422504	0.02593498	0.02710397	0.02856966	0.02842106	0.02717637	0.02932825
0.41647738	0.4156475	0.48974408	0.5444278	0.55463486	0.55139692	0.51340011	0.5072742
2.86379791	2.92245407	3.07400021	3.10963407	3.08988785	3.20597705	3.45853627	3.75428757
4.23353979	4.30342304	4.40306354	4.55074941	4.86802438	4.82307597	4.96099761	5.0414452
31.8688776	33.5643843	34.0640544	33.7550475	32.609994	31.5415905	30.3601272	29.8617433
4.13842306	4.07073357	4.09235406	4.11645332	4.11762455	4.20932582	4.14199233	4.16333337
8.75530847	8.87869038	8.85715025	8.75565118	8.46829346	8.62011235	8.72817324	8.68426395
601.650976	630.968618	638.089863	642.71688	637.39487	651.706326	653.142021	653.200435
2.33253758	2.37367957	2.42906221	2.48712326	2.51606388	2.57472661	2.63426261	2.68016457
7.42436543	7.51830881	7.63807569	7.56366127	7.53194832	6.53185197	6.33827985	6.61115748
3.18068658	3.18312105	3.18506857	3.18769353	3.18964216	3.1930681	3.19450331	5.34053754
0.17993443	0.23429055	0.28902902	0.34758894	0.40957875	0.44678847	0.44072561	0.47218217
0.00373275	0.00387969	0.00387915	0.00388134	0.00392835	0.00393139	0.00393445	0.00394453
48.874711	49.2403881	50.1319445	50.5622849	51.620953	52.4742853	52.28958	53.5034321
0.07590957	0.07918971	0.07560565	0.07677986	0.07619659	0.07525243	0.07390282	0.07089675
0.06172082	0.06745018	0.06684104	0.06458614	0.06120894	0.06032866	0.06504933	0.06759881
2.52970725	2.43084788	2.55693143	2.45265948	2.64526925	2.82462235	2.86817433	2.9968201
8.75150472	8.15834257	7.39090593	7.75962188	7.88963163	8.26741289	9.01666426	8.84420046
0.00350392	0.0035288	0.003536	0.0036097	0.00427075	0.00469303	0.00392702	0.00381597
0.37782176	0.36869673	0.34704066	0.3515835	0.3469786	0.34843599	0.34983504	0.36488959
5.49883206	5.36286466	5.15214024	5.11553835	5.12074951	5.16022844	5.03134574	5.0035917
40.5032167	39.4482491	38.6390073	37.9504345	38.1497826	39.1694621	39.1950366	38.9807865
0.50470729	0.50981169	0.51018189	0.50241394	0.50292618	0.50292906	0.50454649	0.50453733
0.02588863	0.02588983	0.02591051	0.02598022	0.02611394	0.02611224	0.02614759	0.02633302
7.13923739	7.04837297	6.86396067	6.72761937	6.84166366	6.6880091	6.63707176	6.93357407
5.27006319	5.79925425	5.51765669	5.61161109	6.35765516	6.55232488	6.86287148	7.00576027
5.63064072	5.87158705	5.92873172	6.11917547	6.19868274	6.16368654	6.46256226	6.87855295
12.8071696	13.744856	12.2791851	12.2452451	12.0104083	11.9621397	12.8356981	12.9948976
19.8156782	20.212585	20.3088364	21.1857658	22.5099609	23.2194744	20.5587545	19.8130139
2.78701462	2.81549398	2.84931749	2.7857064	2.90810569	2.90286839	2.91053308	2.87143652
0.17229771	0.17229753	0.17229787	0.17229749	0.17229732	0.17384358	0.17398701	0.1740584
28.1674708	28.3448926	27.5973589	27.2309531	27.8797134	26.3203586	26.6614689	26.1646163
0.79484653	0.82398143	0.77827583	0.80485176	0.77881577	0.79228769	0.79562983	0.80007377
41.3198436	41.8865686	43.9188832	47.3804333	53.3393062	56.1863988	58.6399316	62.0310254
2.79691019	2.73333121	2.64903584	2.6695884	2.6220251	2.61526914	2.61984115	2.65561326
0.74260152	0.74202674	0.7465113	0.74282304	0.74355994	0.7453652	0.7340179	0.72393767
0.10733086	0.10733407	0.10733667	0.10733117	0.10895914	0.10896012	0.10896012	0.1089429
49.8534403	49.2393169	48.7025214	48.5991246	49.3918367	49.620096	49.2193761	49.1871838
0.01832172	0.01825966	0.01802608	0.01792867	0.01795575	0.01782937	0.01789933	0.01783952
0.09429393	0.09425483	0.09451836	0.09446339	0.09583265	0.09710905	0.0972751	0.09854477
33.9953147	34.0479494	33.6973484	33.509569	32.9337813	32.4430525	31.9045936	32.1842112
2.96601518	2.82313773	2.79179873	2.61106543	2.43392639	2.3660025	2.3147517	2.36748659
2.78181556	2.86933208	2.90182593	2.97833998	2.97971707	3.14276923	3.32574242	3.46521247
5.27303235	5.55128748	5.84422649	6.1619026	6.47205131	6.71673961	7.19654335	9.37648516
0.14775324	0.14300478	0.14110296	0.14392663	0.13944077	0.14315517	0.13897536	0.13882563
0.50786652	0.53775103	0.55127663	0.56101313	0.56355324	0.63901491	0.79306621	0.8363621
0.819764	0.82048622	0.84866389	0.87750554	0.92783389	1.00646072	1.06378716	1.13668165
0.01299405	0.01307421	0.01311447	0.01322238	0.01331798	0.01337418	0.01341053	0.01369608
4.84066289	4.90686734	4.80461156	4.84887515	4.93369878	4.97192593	4.83339245	4.89745721
0.01016232	0.01015807	0.01015246	0.01016953	0.01023573	0.01046429	0.01053017	0.01017057

0.00449571	0.00443434	0.00443434	0.00446349	0.00459654	0.00461496	0.00461015	0.00461424
4.35669524	4.57941632	4.73201512	4.85805343	5.16879786	5.4750925	5.7941923	6.04863326
0.03571751	0.04790578	0.04986506	0.05058081	0.03430812	0.03289861	0.03411878	0.0325972
1.22800947	1.1305064	1.0574608	1.02339129	1.05795569	1.16047202	1.20377532	1.25735609
0.02075778	0.02036991	0.02007256	0.02044688	0.01666496	0.01663211	0.01815256	0.01920551
4.28113647	4.31467072	3.93739137	3.97291508	4.54080207	4.74727755	5.09448676	5.24286624
1.55333656	1.67625963	1.63294815	1.65334959	1.57991141	1.49121376	1.46461491	1.41618137
3.03720148	3.01406763	3.02399835	3.0154144	3.04120994	3.03592368	3.05819585	3.0772248
3.79373201	3.8020361	3.59156805	3.53880968	3.48576501	3.39319752	3.30113482	3.27822323
100.451998	104.387931	105.077237	106.763196	109.356065	112.233558	114.242011	116.695108
497.032035	502.410234	514.955432	522.714264	532.968688	536.955462	528.339388	532.470686
16.2507288	16.3544232	16.0300479	16.0008747	15.7613481	15.6595327	15.5830619	15.1179939
25.2663444	25.5564402	26.4071207	27.0830303	27.2088805	24.4178507	25.1496431	25.5683238
3.10698211	3.31728303	3.79304528	3.83625036	3.99326705	4.06487205	4.75579054	4.7385668
0.29025506	0.28653292	0.2862848	0.29473238	0.30107958	0.30570998	0.31226421	0.31240918
1.39912722	1.38865812	1.39644173	1.52153373	1.48070913	1.50364828	1.45464618	1.5074071
22.4604727	22.4134965	21.8943041	21.5679171	21.6669187	22.4761147	22.3185989	22.6706498
0.86722625	0.78244076	0.7324043	0.48175881	0.44567644	0.44271496	0.43285065	0.44384799
0.4571653	0.47445216	0.49420368	0.49699549	0.57893239	0.71339812	0.60901443	0.60478446
41.4505141	41.9072055	41.6105194	42.95924	44.3522214	45.3896537	47.0102827	48.6493365
14.2143893	14.9692438	16.1035233	16.9193183	17.7443053	18.2429487	18.8929502	19.0194291
21.1894445	23.879406	25.230788	22.9407844	38.412938	42.0819951	39.2378186	41.1842942
3.44831106	3.42505865	3.5052048	3.62552354	3.76527787	3.93241344	4.3086948	4.41846891
17.7899374	17.1511068	19.1406922	20.0059258	20.3274483	20.6441809	21.1328861	21.4916091
0.00237028	0.00241592	0.00246156	0.00247211	0.00260544	0.00267912	0.00272824	0.00279497
0.01252857	0.01303016	0.01263624	0.01153734	0.0122813	0.01320809	0.01305196	0.01289443
16.8780477	17.1568477	17.2528476	17.619167	18.0789816	18.4222832	19.068871	19.6451472
0.16800387	0.14799023	0.14803639	0.15593987	0.16416105	0.17452039	0.1930821	0.18687981
7.11196679	7.29761662	7.14991348	7.31331015	7.36293314	7.77922846	8.06591921	8.34802427
0.30193934	0.29058722	0.30174917	0.3064319	0.29729366	0.30762506	0.29233141	0.2665209
0.15675534	0.15706162	0.15798033	0.16867829	0.18818542	0.20773449	0.2371072	0.24687635
1.24926827	1.36424149	1.44568771	1.59778559	1.6799946	1.68415514	1.7371995	1.80558619
0.02165843	0.02205807	0.02203452	0.02199909	0.02214611	0.02244994	0.02270319	0.02263735
8.74191342	7.34690298	8.86318983	8.84549151	8.17492551	9.96199631	9.14750649	10.1697443
0.99752787	0.97078557	1.07203048	1.02093743	1.02432731	1.00478821	1.0075955	0.99888567
2.41918282	2.54430441	2.44026844	2.54065686	2.65078501	2.51104618	2.46396075	2.45880283
0.45538165	0.45007854	0.44044049	0.43803747	0.45819743	0.46979979	0.47678167	0.48745037
1.13744275	1.13426907	1.11928801	1.15569893	1.12080343	1.16477175	1.13437574	1.13166324
0.00171911	0.00147352	0.00171911	0.00171911	0.00191558	0.00171911	0.00171911	0.00171911
7.21488464	7.36738922	7.33029317	7.47241424	7.42984056	7.52218257	7.56201292	7.81654347
1.45916957	1.39987916	1.29221903	1.3157708	1.28359557	1.02796541	1.017918	1.11484823
13.5741039	13.7655271	15.1489319	15.2856526	15.4283396	15.5740369	15.7309264	15.8617197
6.685E-06	5.6828E-06	4.8004E-06	5.3266E-06	4.6383E-06	5.3414E-06	4.6656E-06	5.2867E-06
70.4041791	70.3834504	72.4832661	73.1932421	73.926252	74.8494971	75.8236179	76.6732401
0.91530624	0.96398858	0.90966926	0.92480082	0.86374063	0.86248794	0.83305552	0.85453444
12.3556527	12.5955255	13.4020364	13.3060657	14.0646082	14.9167311	15.5781692	16.7597436
0.06969681	0.06433025	0.06789399	0.0681137	0.06641771	0.066868	0.05950122	0.05567178
63.1743366	66.2933358	71.2396148	76.1536778	76.902994	78.3246576	78.6798218	79.3156383
7.24625921	6.9851855	7.9070097	8.81505054	10.0076794	10.4722876	10.7655325	8.47438271
2.29839885	2.38149713	3.35175986	3.17066681	3.49899324	3.44177579	2.7651277	2.93485781
5.87227525	5.72315948	5.80157485	5.95846452	5.67934163	5.30832146	5.66602425	5.82366895

0.04426666	0.04749181	0.04134981	0.04381846	0.0373626	0.03710021	0.03473961	0.03241146
0.03892271	0.03676512	0.03268781	0.03134389	0.03172013	0.03292281	0.03323699	0.03395996
1.53643352	1.51397443	1.54943107	1.64523096	1.81858922	1.98019319	2.08090155	2.22778795
6.51870178	6.64074711	6.58440795	6.36324117	6.65816054	6.56330583	6.67623506	6.68951355
4.10099421	4.02211001	5.21600048	4.14615121	4.08505001	4.37147932	4.26760117	4.19490874
0.18961135	0.18922271	0.1682624	0.1494837	0.15301685	0.15286276	0.15053473	0.14876237
12.0767142	12.6053109	13.0592782	13.5177165	14.0132703	14.541291	15.0441865	14.5753554
35.0280006	36.3879675	37.4517572	38.7181922	38.2160369	38.4103197	36.8770804	39.4259204
5.83616021	5.64098286	5.88655208	6.04673234	6.01358964	6.07313463	6.20784552	6.36516551
12.4537869	12.3630926	12.4120252	12.123468	12.2834017	12.8134443	12.9556617	12.972481
2.94684694	2.92811438	2.86936115	2.84979266	2.81881878	2.77252908	2.75953818	2.75668314
23.8875686	24.0190952	24.3495831	23.8856174	25.0063796	25.3672986	25.3050083	25.7661693
33.3020036	33.294079	33.2676525	33.4840466	33.2452951	32.5799086	33.0745785	32.9223857
0.70444037	0.71246231	0.75310086	0.76934878	0.7857206	0.79945003	0.81484674	0.83979411
111.052751	113.866883	117.220187	126.237322	129.163447	136.588894	139.504239	136.240252
3.23310221	3.17006329	3.25480908	3.28461162	3.18440312	3.31674178	3.33522121	3.3782298
13.7249129	13.4965954	14.2402336	14.1244538	14.2854292	14.6798563	14.8732752	14.8322801
43.5524036	45.0939699	44.8765917	45.6242218	46.7928985	48.1687601	48.7370131	47.1830489

0.3974101	0.39897096	0.40037942	0.40196766	0.41055321	0.4108507	0.41804441	0.42489488
19.1167752	18.5000207	18.5428134	19.0133375	19.3055986	18.9848955	18.6795165	19.1925218
0.82801993	0.76513476	0.74576808	0.72073689	0.69339872	0.6641934	0.63015479	0.59981545
5.61538217	5.59748236	5.63286399	5.64028341	5.62889138	5.5423573	5.54827122	5.56246183
4.77365422	4.85360524	4.86916745	4.8162099	4.83237815	4.81301966	4.74807494	4.6010619
16.4602564	15.6878222	16.0308354	16.8160044	18.2083782	18.7724015	21.4018977	23.3521676
0.02600413	0.02905199	0.02569006	0.02475903	0.02644336	0.02633612	0.02637241	0.02576396
0.10509557	0.10720916	0.06924853	0.08473472	0.10002111	0.10055743	0.13818302	0.14734661
0.06998653	0.07277371	0.07563024	0.07761409	0.07408875	0.08040919	0.08052061	0.06394105
10.8044073	11.3066412	10.8363147	11.1403735	11.4101375	11.3975778	11.2577385	10.856947
76.3188272	72.6556052	66.319117	64.0706986	65.2065397	66.4499578	66.1250183	66.0244553
1.15440514	1.25337752	1.32974121	1.47928302	1.5745366	1.6850142	1.71711338	1.82763259
3.02530161	3.25142731	3.3101134	3.22227566	3.34037973	3.08891071	2.82011717	3.17786437
4.65710557	4.6632252	4.33429801	4.36031641	4.34659237	4.23819127	4.07574521	4.07486107
58.219122	59.0232703	60.4905877	61.132859	61.7195122	62.0709921	62.331266	62.5477285
5.11755486	5.14434772	5.26574425	5.32606072	5.40045779	5.69715848	5.86089767	6.02321193
0.00746421	0.00722647	0.00725587	0.00725508	0.0079839	0.00799317	0.00849505	0.00874991
0.00136559	0.00136559	0.00137204	0.00137204	0.00135914	0.00139056	0.00138168	0.00138168
0.04689701	0.04910367	0.05060401	0.0513018	0.05198838	0.05317282	0.05336777	0.05378137
1.37996781	1.63714212	1.92861658	2.23543981	1.57316825	1.74678431	1.92133225	2.09241583
2.17338455	2.1993623	2.18965174	2.27874575	2.36319514	2.43068805	2.33898703	2.17359881
18.7230117	18.9295923	19.1887454	18.2272002	17.391209	17.368895	17.3448353	17.4178927
0.00021475	0.0002217	0.00019811	0.00021247	0.00018815	0.00019723	0.00019951	0.00019951
0.0075755	0.00675296	0.00630471	0.00584121	0.00572618	0.00578072	0.00601193	0.00569349
0.51183434	0.48820645	0.45261146	0.44895376	0.43276041	0.45175043	0.55258571	0.5516196
2.30380625	2.23737651	1.96753465	1.95657177	1.9078	1.84912133	1.77469406	1.75510365
1.54250807	1.47059662	1.46061168	1.47282146	1.50484459	1.57201806	1.54567447	1.56449073
4.3205145	4.36187019	4.33139824	4.27542819	4.18751476	4.21855603	4.17571148	4.17383423
0.89358378	0.89872398	0.89574874	0.84785744	0.85269356	0.85185963	0.85103219	0.90461625
0.00296213	0.00271238	0.00254202	0.00227021	0.00245929	0.00206952	0.00177405	0.00169577
3.83030625	4.32957136	4.73996236	5.10726041	5.43701777	4.8240718	4.70097536	4.2779325
20.787918	21.9168362	23.2297283	24.5499411	25.9424027	27.5254279	29.150497	30.9251021

0.91559304	0.93155432	0.99109843	1.00676313	1.02539937	1.04720961	1.11206082	1.13441664
74.524536	73.9762895	75.8342356	76.3146624	80.4673837	80.9551423	83.4941396	87.8876054
3.12462399	3.31381893	3.53174258	3.74031975	3.91263195	4.58226045	4.89743158	4.97532083
8.40682547	8.96779726	8.67820389	9.14972107	8.60560605	9.52123718	8.87960762	9.07631342
0.72465171	0.56657603	0.69884135	0.74144687	0.71526698	0.76309059	0.72888281	0.70642383
0.05607005	0.05602064	0.05597141	0.05596577	0.05619072	0.05618475	0.05617745	0.05623468
0.0884821	0.08659174	0.08716809	0.0902542	0.08948841	0.08257156	0.08220055	0.08147936
2.67275172	2.67791327	2.78485472	2.85970312	2.89846087	2.81280348	2.814006	2.76731263
27.1301081	26.8858631	27.266902	28.5847177	28.6740934	29.0098503	29.2101291	28.8610228
3.28311918	3.04272171	3.24853012	3.25267506	3.21149669	3.09239162	3.06858859	2.95112795
20.6469274	20.4564167	21.0101282	21.6629306	21.4877552	23.0439239	23.0670294	24.4826181
8.69720299	8.91170364	9.26875747	9.56463873	9.86300682	14.932303	15.2162953	15.6674661
25.455992	22.6891276	19.6657946	19.2033264	18.5744027	17.1620351	16.3622581	16.2873084
24.8514861	25.6766763	25.9682845	26.8175819	26.1278076	26.6412867	26.0299478	24.5832415
241.019184	241.240071	242.394352	244.373382	245.423965	248.568394	244.968435	246.316418
15.2883247	16.0709521	16.9307763	17.8990294	18.9258691	19.9445644	21.4646514	22.9638255
0.01205359	0.01207269	0.01216065	0.01256958	0.0132007	0.01349639	0.01413862	0.01431365
29.951819	30.7026136	31.5990246	31.7981033	32.3048529	32.7505793	32.9251964	27.6577259
0.00646925	0.00646925	0.00646925	0.00646925	0.00646925	0.00646925	0.00646925	0.00646925
69.8455647	71.5750548	72.6936572	74.7248214	74.9601183	76.2021177	76.2237588	76.1209158
0.2876539	0.29267991	0.2973203	0.30239325	0.35982336	0.36181671	0.33384321	0.34221913
0.12046734	0.12214782	0.12231535	0.12232053	0.11597016	0.11361929	0.11830627	0.12902689
4.21203748	4.26101242	4.31100246	4.40846586	4.58560044	4.72244948	4.83245896	4.89537598
25.71006	25.8011772	26.3106885	26.1535501	27.205038	27.9235945	28.13603	28.3703013
3.00595263	3.00316117	3.25691201	3.55016463	3.18060307	3.05038833	3.93030064	4.06721623
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0.00021576	0.00021745	0.00022561	0.00023462	0.00022645	0.0002338	0.00030735	0.00032042
0.12001498	0.1231618	0.12621944	0.12905058	0.13168543	0.13466946	0.13811017	0.14139127
1.26848346	1.28034712	1.2914063	1.31791456	1.34372059	1.37070548	1.39805819	1.42506745
9.3051E-08	7.6251E-08	6.8782E-08	6.6541E-08	6.8156E-08	5.5365E-08	6.223E-08	8.1476E-08
0.06134667	0.08141152	0.07918907	0.07978841	0.07459154	0.07435069	0.07446498	0.07242896
0.0005077	0.00051482	0.00052194	0.00050642	0.00048496	0.00056591	0.00055436	0.00054116
0.00423854	0.00614907	0.00650065	0.00719057	0.00848401	0.0101486	0.01177315	0.01225055
0.20376532	0.19984538	0.18778063	0.18706073	0.19753496	0.19295567	0.18497688	0.19836757
0.01080521	0.00734837	0.00622998	0.00818559	0.00764457	0.00788012	0.00724954	0.00778854
2.6272E-05	2.6118E-05	2.6491E-05	2.9527E-05	2.9286E-05	3.1636E-05	4.0999E-05	5.1193E-05
0.68080972	0.60254039	0.55048381	0.54508617	0.55993635	0.54781093	0.53606965	0.5133826
0.65080167	0.634504	0.62940993	0.65414685	0.65256096	0.66198937	0.67000499	0.75328674
0.02338203	0.01921308	0.0250432	0.02329988	0.04554759	0.04785983	0.04225625	0.04857104
0.95622324	0.97685174	1.01728836	1.02770711	1.05085372	1.05810155	1.07678399	1.05112051
0.17588755	0.18349955	0.17306505	0.17357558	0.22103619	0.26234871	0.29564561	0.34669903
0.43224438	0.44470761	0.45755886	0.50627998	0.52081399	0.53530147	0.55011265	0.46567517
1.30232506	1.30887897	1.32587248	1.38274371	1.45084744	1.5396031	1.56710803	1.53201462
3.59431096	3.64452683	3.69121699	3.72589846	3.76026055	3.78645516	3.79833798	3.81430127
0.33491932	0.31444805	0.30405478	0.32409387	0.29999816	0.30695472	0.28811268	0.32544064
0.00063648	0.00068088	0.00071865	0.00054131	0.00056118	0.00064236	0.00064996	0.00062544
0.0030516	0.00300377	0.00298459	0.00305894	0.00486085	0.00298218	0.00290742	0.0029453
0.14529164	0.14283997	0.16193446	0.16602926	0.17300513	0.17832119	0.10668862	0.12365126
0.36397257	0.3490872	0.39338689	0.42835977	0.40825928	0.38497565	0.3609999	0.37731162
0.01055477	0.01027479	0.0101639	0.01008632	0.0098955	0.00972927	0.00958494	0.00945321
2.7492E-05	2.7205E-05	2.8624E-05	3.4922E-05	3.7878E-05	3.8235E-05	3.765E-05	5.6787E-05

0.07052176	0.06667976	0.06304643	0.06095529	0.05801583	0.05494655	0.05268531	0.05153707
3.72953984	3.81893698	3.89508262	3.93014689	3.81528077	3.84938557	3.75427161	3.6928393
0.00060174	0.00058104	0.00057096	0.00058293	0.00053988	0.00060722	0.00127118	0.00059016
0.00024877	0.0002165	0.00022478	0.00027409	0.00036051	0.00081619	0.00077364	0.00040573
0.33321084	0.33720594	0.34059398	0.34468543	0.34815593	0.35164175	0.35517769	0.35999976
0.1951632	0.17950765	0.17331683	0.17486614	0.18048813	0.17163441	0.1735328	0.16508088
0.23319639	0.23402729	0.23940046	0.23801953	0.26463618	0.26294815	0.26387435	0.25566708
0.83450086	0.86938938	0.90185122	0.89038834	1.01482847	1.03545827	1.04616084	0.96175175
0.22767286	0.21541651	0.23106518	0.21979314	0.21036265	0.24904052	0.27118894	0.2921172
1.0676434	1.08286117	1.0322112	1.03843021	1.04230218	1.04944693	1.0546199	1.11461348
87.1158919	86.4017379	84.988787	84.368574	79.3866635	73.721589	70.859902	67.4927385
0.91554576	1.24049079	1.27188342	1.30489761	1.33741315	1.31770831	1.23838733	1.38402313
1.86037968	1.91143994	1.96366698	1.68667721	1.40152431	1.4307537	1.48814488	1.48699316
3.97533336	4.1144023	4.25854848	4.40766373	4.55725397	4.71236355	4.8726551	4.88652315
0.11720474	0.12756861	0.13902774	0.23564049	0.16390201	0.17825233	0.19288639	0.20847383
5.5421E-06	9.9429E-06	1.382E-05	1.5229E-05	1.4516E-05	1.305E-05	1.2813E-05	1.5895E-05
0.92403441	0.80427175	0.81597794	0.84037871	0.85559904	0.85460902	0.87106061	0.84007695
0.03048208	0.03147349	0.0330257	0.03361887	0.03464646	0.03533685	0.03649268	0.03628596
0.02167356	0.0217537	0.0223162	0.02218508	0.02235283	0.02212375	0.0221356	0.02127552
0.04388023	0.08626022	0.10671954	0.12765162	0.10619573	0.09760214	0.08128638	0.08586565
0.07306159	0.07472628	0.0705913	0.0562315	0.04816718	0.04429454	0.06397239	0.03946182
2.4221E-05	2.1962E-05	2.2596E-05	2.4744E-05	2.8032E-05	3.0523E-05	3.4987E-05	4.853E-05
0.00262498	0.00270442	0.00311144	0.00347464	0.00425602	0.0058605	0.00728491	0.00523045
0.75322858	0.75494599	0.71485195	0.77244102	0.73114853	0.75423846	0.81036182	0.91369294
2.45304895	2.43311767	2.40377274	2.77447669	2.80459281	3.30805162	3.02501656	3.68552879
0.04297456	0.043951	0.04568297	0.04626566	0.04707987	0.04757636	0.04862336	0.04789353
0.00081291	0.00078711	0.00077118	0.00068687	0.00066022	0.00065061	0.00063388	0.00062617
0.25249413	0.26436465	0.30238453	0.33076509	0.37940571	0.36828018	0.36180805	0.38501201
0.16743277	0.16548083	0.169611	0.17347917	0.17546612	0.17257582	0.16743251	0.16856244
0.03232038	0.03432929	0.03839241	0.03693049	0.04124952	0.03839209	0.05155405	0.049425
0.13435199	0.13102027	0.1305268	0.1278134	0.12953904	0.12894418	0.12470301	0.1152818
0.4167636	0.42472932	0.43184796	0.43780001	0.44456899	0.44669275	0.45541543	0.45955537
0.18365651	0.12300976	0.12812034	0.13207862	0.13566946	0.13919872	0.14377523	0.14682004
0.00018657	0.00017632	0.00016187	0.00013885	0.00013347	0.00014391	0.00011827	0.00010603
0.85182885	0.88421688	0.89175699	0.91084728	0.89909915	0.91187323	1.04849798	1.05643942
0.13538449	0.13914169	0.12123563	0.12014156	0.14700037	0.1507507	0.1552194	0.16085351
9.2120527	9.47989536	9.75206367	10.0317985	10.3221338	10.611417	10.910874	11.2169175
0.47931524	0.48109805	0.48340873	0.49917308	0.5020915	0.52241714	0.55468847	0.61950037
0.0034238	0.00354621	0.00343264	0.00346957	0.00348032	0.0032272	0.0031102	0.00322003
0.00010592	0.00010143	9.8278E-05	9.7642E-05	8.7769E-05	9.0578E-05	8.6101E-05	8.6592E-05
2.79395508	2.81908756	2.75397783	2.54068084	2.449627	2.61827748	2.69874356	2.97909983
1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06
0.28038657	0.28761079	0.29549995	0.30375989	0.3129457	0.32269712	0.33331757	0.3452626
0.78335046	0.72492613	0.64025156	0.6241917	0.63336649	0.67995979	0.65431767	0.76358314
0.21667617	0.21703038	0.12646549	0.1347026	0.14539886	0.14176512	0.14646262	0.13081059
0.71316077	0.67548885	0.64055456	0.60979693	0.58844738	0.62217889	0.61592042	0.60789261
3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07
1.37948173	1.39125423	1.42988116	1.42896202	1.44336874	1.43814096	1.44885204	1.40134179
0.00195005	0.00189573	0.00186679	0.0018835	0.00175077	0.0018039	0.001766	0.00181088
0.08054272	0.0820466	0.08505885	0.08586309	0.08728641	0.08785566	0.08947923	0.08760558
0.27743283	0.28283569	0.29380827	0.29668057	0.30280538	0.30476662	0.31006704	0.30274458

0.03456682	0.03458634	0.03454773	0.03450344	0.03436935	0.03445122	0.03432196	0.03425122
0.26347264	0.2636718	0.26685605	0.26654701	0.29557534	0.24776733	0.21929617	0.22424632
1.1187E-05	1.0421E-05	1.0954E-05	1.2234E-05	1.2328E-05	1.3522E-05	1.6328E-05	2.1815E-05
	0.00059447	0.00063399	0.00061107	0.00069371	0.00068673	0.0006	0.00054648
1.52245701	1.58956341	1.65445854	1.66084927	1.71447462	1.74170002	1.78365497	1.85478447
0.00881017	0.00910222	0.00952912	0.00998019	0.01001742	0.01056385	0.01084805	0.01132107
0.01696326	0.01654208	0.01623086	0.01564892	0.01529116	0.01490168	0.01402112	0.01376423
0.00870743	0.00863917	0.00671855	0.00626593	0.00556793	0.00658263	0.00617893	0.00546542
0.4165839	0.43641137	0.45796195	0.48081721	0.50321041	0.5289122	0.55532028	0.58232567
0.41629118	0.40551933	0.42997949	0.39455554	0.37987005	0.38132305	0.39727382	0.42775324
0.55899201	0.57436513	0.59072431	0.60776261	0.62551841	0.64376851	0.66261231	0.68164549
0.36700331	0.31695651	0.47669255	0.49373862	0.47995367	0.42243761	0.57741979	0.65101286
14.9818545	15.1371586	15.188337	15.344699	15.5109981	15.5174164	14.551931	14.5264174
35.2403986	35.7169846	35.9847987	35.9572949	35.8795386	38.5743663	38.5930048	38.8351293
0.21210954	0.20965764	0.22203594	0.21842348	0.21463424	0.22417687	0.2319926	0.21889976
0.33088718	0.35528383	0.5515749	0.58979258	0.63491616	0.58699959	0.59131368	0.57478142
0.02575615	0.02845622	0.03397256	0.03668465	0.03807323	0.04188812	0.03790883	0.03906097
0.00198338	0.00191301	0.001874	0.00161134	0.00161918	0.00149081	0.00172925	0.00154811
0.0178375	0.02022151	0.01648969	0.01888125	0.01878564	0.01590932	0.0204849	0.0202408
1.40918887	0.97046885	1.567434	1.82110514	2.44625702	2.88068961	2.77782069	2.71300037
0.02210751	0.02225183	0.02259283	0.02285041	0.0227269	0.02187147	0.02189454	0.02578761
0.00867429	0.00911671	0.00871203	0.00872955	0.00841929	0.00698518	0.00729032	0.00644101
1.19157367	1.29188943	1.26176504	1.24780572	1.3249469	1.2341839	1.20049605	1.15523859
0.02276379	0.02202125	0.02719414	0.06327087	0.05997821	0.52755846	1.13479803	1.22327348
2.33908083	2.3946439	2.45187259	2.51001179	2.5698347	2.63031108	2.69319902	2.75538579
0.00743684	0.0052166	0.05095847	0.05666672	0.06540223	0.10512508	0.09833383	0.10899662
0.654415	0.65946312	0.66606863	0.66973815	0.67391308	0.67819751	0.68059369	0.6810553
0.00024945	0.00025513	0.00026041	0.00026716	0.00027244	0.0002773	0.00028247	0.00028683
9.6641E-06	1.0279E-05	9.3576E-06	1.0443E-05	1.0456E-05	1.1032E-05	1.471E-05	2.2353E-05
0.48408146	0.49299912	0.59905326	0.62930064	0.58675909	0.59791939	0.5656718	0.5778983
0.00094329	0.00096782	0.00110492	0.00111719	0.0012126	0.00138061	0.00131463	0.0012749
0.41652164	0.42670278	0.43697192	0.44724105	0.48402996	0.52146846	0.50924247	0.49669099
0.04479241	0.04517145	0.04540911	0.04619434	0.04642557	0.04757858	0.04404595	0.04566147
0.64309053	0.67272642	0.71697925	0.74729559	0.77204695	0.79455308	0.82675161	0.82590914
0.07627876	0.07757521	0.07915439	0.07872161	0.08023822	0.08201126	0.08475995	0.08634818
0.00090068	0.00088056	0.00087427	0.00087499	0.00084829	0.00084913	0.000839	0.00084309
1.0937469	1.0995304	1.11808803	1.1269845	1.12300073	1.1361878	1.19271409	1.21344102
0.30452526	0.30760967	0.31536653	0.31636419	0.31983008	0.31998119	0.32308097	0.31315927
0.21815531	0.21770585	0.22403941	0.23447797	0.22798074	0.23652386	0.23908522	0.24144271
0.0085715	0.00893637	0.00856751	0.00829674	0.007534	0.00814998	0.008824	0.00957475
0.31272366	0.32064293	0.32229426	0.31454138	0.31594058	0.29229622	0.32440822	0.25433385
0.001199	0.00131305	0.00117798	0.00118566	0.00143931	0.00134674	0.00147886	0.00138514
0.41743	0.78653024	0.73680704	0.68182607	0.6331276	0.58047294	0.52257349	0.50174164
0.04655101	0.03900328	0.04160762	0.04711041	0.03639567	0.03715185	0.03822317	0.19672623
0.91920155	0.94516709	0.97004021	0.99603339	1.02573343	1.05941989	1.05797195	1.07019844
0.00127879	0.00133962	0.00132365	0.00137548	0.00141569	0.00142333	0.00148431	0.00150713
2.3099693	2.30857797	2.30544704	2.29165096	2.27909017	2.26955574	2.2559703	2.24591223
0.06150009	0.06194992	0.07330494	0.07399125	0.06941545	0.06768186	0.06971319	0.06833841
0.58093007	0.5905065	0.6117168	0.61563935	0.62642912	0.62854137	0.63767307	0.62085916
0.00035507	0.0003605	0.00037234	0.00033321	0.00037382	0.00037531	0.00033299	0.00066561
3.28439599	3.38190474	3.43807896	3.47140937	3.48482363	3.49639568	3.509269	3.44402745



0.11360791	0.10871999	0.16304434	0.14060692	0.18283226	0.17310267	0.23381548	0.215252
2.12910544	2.19277012	2.24559535	2.1780593	1.24798116	1.30958396	1.22760496	1.1453916
0.20139304	0.20757162	0.21765192	0.22206642	0.22803825	0.2320836	0.23896653	0.23666693
0.00150915	0.00146581	0.00143791	0.00145114	0.00132975	0.0013904	0.00136293	0.00140198
0.00252781	0.00257852	0.002673	0.00274528	0.00270849	0.00261333	0.00259751	0.0026164
0.65661542	0.66468265	0.6845544	0.68880847	0.69719179	0.70006836	0.71071281	0.69368888
0.08119068	0.07758551	0.07432096	0.07180775	0.07340714	0.06711955	0.06080051	0.06635734
0.06203228	0.06211929	0.06209017	0.06232897	0.06258302	0.06342296	0.07059359	0.0637807
0.00125379	0.00127543	0.0012797	0.00129229	0.00138885	0.00133387	0.00135933	0.00139742
0.46552281	0.4825701	0.498633	0.51293519	0.53045493	0.54892544	0.56548741	0.58287618
24.6866286	25.2788378	25.9642919	26.6625228	27.5528163	28.2268968	28.9350483	29.949512
0.31270988	0.31333494	0.31760768	0.34184655	0.34408355	0.34486396	0.34504425	0.34818096
0.23345382	0.24050536	0.24415868	0.25538855	0.25202915	0.26851148	0.26995822	0.29007138
0.25077476	0.23673711	0.25069631	0.23677836	0.21737642	0.22539223	0.23938051	0.26772835
2.79946775	2.85882828	2.92049814	2.972926	3.03387956	3.09094227	3.12761009	3.15833203
0.08125981	0.0806169	0.08728818	0.08941647	0.08645912	0.0846999	0.08173377	0.08770281
0.00616298	0.00380905	0.00635393	0.00923805	0.00785651	0.00966575	0.01342864	0.02081391
8.0478593	8.22976327	8.41448648	8.60417455	8.79889463	8.99492825	9.19185233	9.39153383
0.06109413	0.06063895	0.06049208	0.06288901	0.0627408	0.05998134	0.05994543	0.06228319
0.96946319	0.960997	0.93614632	0.92924995	0.92562837	0.97464204	0.98719524	0.95613216
1.70516323	1.62666429	1.66921509	1.71350296	1.75785135	1.80505062	1.85149076	1.89807752
0.00038896	0.00034481	0.00029416	0.00041701	0.00053377	0.0004891	0.00076239	0.00070372
0.41801709	0.41676215	0.41449315	0.41443264	0.4137268	0.41267553	0.41222735	0.41154528
3.24702071	3.36559509	3.58682929	3.96566156	3.65156175	3.85103186	3.93456781	4.44884971
0.00246494	0.00253008	0.00245185	0.00232859	0.00230058	0.00216234	0.00219914	0.00220187
1.43979936	1.46799528	1.53505592	1.56904153	1.33364618	1.45647265	1.36145053	1.32468541
0.41895082	0.42225107	0.42696076	0.42217357	0.42182204	0.41989459	0.42078861	0.26173863
0.37428487	0.36505885	0.35205939	0.30328917	0.31270891	0.32188774	0.33466845	0.33484239
0.00048547	0.00049623	0.00048146	0.00049504	0.0005344	0.00052022	0.00054132	0.00054309
0.0011513	0.00075074	0.00080549	0.00234283	0.00205219	0.00323232	0.00255779	0.00397368
0.0149772	0.01508926	0.01524771	0.01507756	0.01501346	0.01490642	0.01497664	0.01455129
0.85691479	1.02734832	1.06598539	1.00555452	1.04148623	1.29984618	1.27001087	1.31549554
3.52000347	3.2772314	2.10909041	2.24635396	2.14604706	2.18202472	1.7394249	1.62056531
0.72851695	0.72851003	0.62139043	0.63593451	0.65057851	0.6655594	0.69307066	0.71053994
0.01050115	0.01076775	0.01170819	0.01150388	0.01214335	0.01273101	0.01278227	0.01309333
0.57616695	0.57912494	0.5638142	0.47618825	0.58588227	0.57470527	0.58934718	0.57622339
1.66159152	1.74162001	1.82148627	1.99043663	1.83667105	1.8161021	1.86802572	1.90775169
0.21838578	0.21588238	0.21274159	0.22878943	0.24490946	0.25133735	0.39702361	0.38456438
0.00140995	0.00171111	0.00121918	0.00109886	0.00134382	0.00138879	0.00145596	0.00149395
2.1699E-08	1.7924E-08	1.7623E-08	1.5549E-08	1.4294E-08	1.604E-08	1.4085E-08	1.8823E-08
0.01061487	0.01059188	0.01053725	0.0105426	0.00952337	0.00959857	0.00969938	0.00979108
0.67101799	0.67646206	0.69471759	0.69542373	0.70206303	0.70124909	0.7089058	0.68897162
0.11868483	0.12856467	0.13962276	0.15172161	0.11021761	0.12187098	0.13384352	0.13388446
1.3244193	1.36700256	1.44140361	1.50381464	1.51399098	1.6025056	1.67309328	1.66409712
5.2892E-05	5.1305E-05	5.0912E-05	5.0776E-05	5.0012E-05	4.9194E-05	4.95E-05	5.0578E-05
0.01275149	0.01297412	0.01343201	0.01349867	0.01366256	0.01368957	0.01387859	0.01352685
0.00844832	0.00858601	0.00827423	0.00843372	0.00854467	0.00873024	0.00884367	0.00922657
0.05302114	0.06335177	0.04654524	0.04223441	0.0444092	0.0541897	0.05188828	0.05551243
0.17204705	0.16494032	0.19999256	0.17634126	0.20276358	0.19796494	0.19320419	0.19654808
0.32962655	0.34031663	0.27568875	0.25558199	0.26281183	0.27069167	0.26255042	0.26740612
0.15204115	0.14896365	0.14574456	0.14386766	0.14184348	0.13982659	0.13785256	0.11175734

0.00077329	0.00088222	0.00073615	0.00072934	0.00066408	0.00065029	0.0006591	0.00060719
0.0182993	0.01673214	0.0210822	0.02001753	0.02018332	0.0199836	0.01688966	0.01643105
9.1673E-05	9.2982E-05	9.564E-05	0.00010145	9.9734E-05	0.00010789	0.00011121	0.00011924
0.77141716	0.78967118	0.82320439	0.83334067	0.85093153	0.85877858	0.87658481	0.85952933
0.32274231	0.33034212	0.34051688	0.3462948	0.35454696	0.36469569	0.39218962	0.40349345
1.60463779	1.76491288	1.68200217	1.66532283	1.75563717	1.8076674	1.76960825	1.98906826
0.0120253	0.01974438	0.0199813	0.02121847	0.03534325	0.03806405	0.03670632	0.03701296
0.05611984	0.06048186	0.06007274	0.06158414	0.07204357	0.06998058	0.06750857	0.07591129
0.01205905	0.01157837	0.01108757	0.01063633	0.01018631	0.00974692	0.00933754	0.00894096
0.00023012	0.00022917	0.00022629	0.00023105	0.00022867	0.00022669	0.00022972	0.00022479
0.00558834	0.00550335	0.00536767	0.00545159	0.0053786	0.00535291	0.00540578	0.00520383
0.30271731	0.3133912	0.32387795	0.33381323	0.33902281	0.34996233	0.3815172	0.30731913
2.71853447	2.74812454	2.72487109	2.58954232	2.61828262	2.68494194	2.8958302	2.8669779
0.08131415	0.08354553	0.08323551	0.08147037	0.08209239	0.08445682	0.0816581	0.08137366
3.91678772	3.94696601	4.14656176	4.2783731	4.28870815	4.35670223	4.50416343	4.59806475
2.1617334	2.21271031	2.26081455	2.30995944	2.35187777	2.42797484	2.54385291	2.63286235
0.73452851	0.71221929	0.6558617	0.64777968	0.78425629	0.77233118	0.62287132	0.59578748
0.10975206	0.10981	0.10977449	0.1231866	0.12311712	0.12247974	0.12269652	0.12545945
7.96538033	8.12508674	8.86700922	7.70544963	8.07131251	8.2628858	7.91874529	9.33953246
0.17069541	0.18647785	0.1829867	0.19821683	0.19447358	0.20564551	0.18298414	0.19794586
0.00076348	0.00073724	0.00072091	0.00071435	0.00068337	0.00067998	0.00066511	0.00065704
0.13439356	0.13869672	0.14326459	0.14105412	0.16320056	0.14819152	0.14162326	0.13614393
0.0001195	0.00012076	0.00012365	0.00012674	0.00012387	0.00012799	0.00013296	0.00013999
4.10111841	4.08605327	4.16204808	4.12235994	4.1613193	4.22204858	4.27120572	4.35339597
0.00694251	0.00691835	0.00688288	0.00688266	0.00688212	0.00686661	0.00686722	0.00685883
0.00537677	0.00536224	0.00533003	0.00533071	0.00532737	0.00531126	0.00531669	0.00531516
0.01870573	0.01949956	0.02001548	0.02078525	0.02194976	0.02313707	0.01857736	0.01826714
2.51970423	2.67052028	2.51741587	2.60953605	3.02072084	3.42283049	3.3001762	2.2353109
1.20311187	1.23160626	1.26349825	1.2964158	1.33138055	1.36836207	1.40580643	1.44325815
2.09094327	2.07482259	2.11841793	2.20494392	2.25823191	2.2684793	2.32130141	2.32132673
0.05953335	0.06649288	0.06701311	0.03695439	0.0377578	0.03393577	0.03012811	0.01917809
0.3974665	0.40011464	0.42411263	0.43163473	0.55012242	0.62075664	0.67246061	0.81386031
34.9599765	35.9135638	35.4560959	30.8912136	28.1397062	29.1067704	28.1093122	33.0676527
0.18433504	0.19208082	0.18904834	0.19516599	0.20048585	0.20141897	0.19788836	0.20885558
0.0800246	0.09296711	0.09687878	0.0899595	0.09524842	0.08893724	0.08182407	0.03853492
20.3707369	19.6014786	20.16019	21.2614535	20.8404818	20.4596838	19.4773499	20.6219992
12.9945371	12.5988454	11.9613415	11.8173854	11.3979832	11.3917738	11.3104621	11.1014532
0.32145442	0.32442527	0.33081336	0.33207288	0.33299166	0.334333	0.33563448	0.33676623
2.6695E-05	2.7003E-05	2.8139E-05	3.1329E-05	3.2793E-05	3.4909E-05	3.9308E-05	4.2632E-05
42.1915744	42.165428	44.1367509	44.4324492	46.495256	46.4562192	46.976705	50.5618573
1.04472357	0.89908296	0.84414213	0.87316232	0.89367418	0.77421772	0.78527609	0.78841086
1.93718283	1.89310091	2.65199504	3.19078923	6.23447192	6.89893294	5.28255769	5.39899389
0.16278839	0.16275619	0.16292286	0.16304111	0.15617217	0.15628773	0.15947661	0.15966635
1.94129439	2.10455578	2.18059675	2.29494052	2.41818433	2.41641708	2.40802792	2.45190945
0.52059791	0.53695193	0.55605076	0.57784948	0.59965146	0.62145671	0.64326522	1.07702762
1.30889188	1.34504698	1.38389118	1.42423477	1.40294663	1.44383816	1.51521388	1.56010523
1.25339482	1.32070048	1.45389814	1.62117523	1.72024713	1.91562049	2.06256248	2.11172455
1.1342051	1.1124567	1.03883236	1.04524575	1.08697782	1.1091746	1.01096787	1.04622182
16.4709641	16.2898006	16.1637984	15.5396885	16.0732123	17.872775	18.4708287	17.600001
0.00539323	0.00532273	0.00523032	0.00517883	0.00511264	0.0050454	0.00489973	0.00483067
1.58022415	1.58256479	1.63149436	1.76361271	1.73332767	1.96627532	2.01160722	1.9588732

2.4517267	2.45419775	2.43951488	2.44417647	2.41685389	2.39954901	2.38239386	2.31675837
0.00351184	0.00345156	0.00339752	0.05013964	0.06269795	0.06775868	0.06432389	0.05555237
2.7935E-05	2.8127E-05	3.0405E-05	3.7052E-05	4.2413E-05	4.2191E-05	3.6097E-05	4.729E-05
3.36998077	3.0821872	2.99961399	2.57674805	2.4509761	2.55415314	2.45222917	2.53137443
28.3832636	31.2808264	34.1845993	31.9959532	32.0460863	33.9241925	28.16419	28.5619287
0.03201098	0.03507637	0.03520958	0.02497948	0.02192352	0.02046659	0.0198272	0.01728343
2.12355653	1.78780225	1.71499255	2.35830321	2.3040585	3.67498612	2.68601601	2.28745445
0.04750726	0.03793149	0.05790338	0.06348662	0.05805609	0.05852454	0.05126473	0.05685218
0.48120732	0.52209325	0.55537299	0.54582311	0.49236109	0.52989871	0.45759278	0.56586637
0.05697594	0.05696467	0.057023	0.05706439	0.47424281	0.48318957	0.49304853	0.51152575
69.0638378	69.9974745	69.5862669	72.4408936	72.1444599	71.7045892	67.9465216	69.3260486
0.1994556	0.23595317	0.26997893	0.30430581	0.33591305	0.36804724	0.39818203	0.42695196
3.17396731	2.85122387	2.79993827	2.28027264	1.99949619	1.99368978	2.01944332	1.80119819
363.609727	409.168135	448.96781	480.559155	497.391605	497.472287	509.195653	542.687045
2.87110207	2.99405084	3.15486932	3.25675724	3.54265323	3.58793988	3.4632539	3.69723971
8.34115595	7.70079129	7.61453395	7.23435639	7.13295066	7.9025862	8.1857022	7.23678324
5.4954201	5.41203307	5.23717151	5.13848101	5.66303259	5.49928522	5.10264788	5.21051959
10.24375	11.2625886	14.0013717	15.2775303	12.7898508	12.3456766	13.4986407	14.797911
	9.3327E-08	1.0485E-06	1.1541E-06	7.3202E-07	8.3053E-07	5.4639E-07	8.2582E-07
12.0818345	11.5283135	11.4969683	11.9569201	12.3356459	12.8322645	13.6447184	14.8184567
0.08760186	0.09032426	0.09324347	0.09331115	0.09474445	0.09767983	0.1025222	0.10567251
0.0024988	0.00249831	0.00250087	0.00250268	0.00239724	0.00239902	0.00244797	0.00245088
0.02165161	0.01871014	0.00697008	0.00847015	0.01183398	0.01068827	0.00594284	0.00702597
1.0144997	0.98282509	0.97053062	0.9563977	0.94666457	0.96114317	0.991757	0.71947783
2.4611E-05	2.2707E-05	2.4002E-05	2.6253E-05	3.1388E-05	3.3681E-05	3.3544E-05	8.9576E-05
0.0164179	0.00795728	0.00572884	0.00572884	0.01146478	0.00896874	0.00315133	0.00305304
4.41476098	4.54707116	4.34436302	4.36787772	4.34195245	4.21759224	3.90217189	3.90750268
15.644566	15.4305233	14.4302415	13.9318662	15.6359013	13.9408182	13.4260889	13.5002712
0.11308638	0.11548908	0.11808649	0.12046836	0.11763408	0.12008107	0.12483829	0.12741641
0.0013225	0.00127451	0.00122642	0.00119228	0.00115889	0.00112843	0.00109199	0.00105927
0.38415182	0.43125595	0.42825309	0.43258093	0.42204117	0.42840783	0.39947721	0.41478847
0.24608145	0.24648018	0.25813706	0.26702893	0.27665883	0.27391236	0.26690555	0.27651722
44.4959137	41.7233057	41.5704261	45.6058289	40.603495	43.6589067	36.4157451	40.663001
6.68225088	7.55083632	8.00742086	7.88406484	7.80138372	8.0977511	8.38561034	9.0661534
23.1948963	23.1475529	23.1673998	23.4080404	22.6490607	23.2968894	24.6668541	22.3363163
0.24347418	0.31794826	0.32654171	0.33513477	0.34659245	0.35805011	0.36664317	0.38669391
2.33748328	2.19434803	2.14617303	2.04459152	1.98086554	1.81116186	1.80918408	1.67775563
0.02774861	0.02986421	0.03183846	0.03351797	0.03577387	0.03741595	0.03864989	0.04071363
2.86064389	2.94366892	3.02666169	3.11259645	3.20135327	3.31323895	3.47390698	3.60586936
0.09222021	0.09815595	0.09976051	0.10432424	0.11160029	0.11801967	0.12612266	0.12921439
0.00621233	0.0062928	0.0064641	0.00651096	0.00653326	0.00661502	0.00663968	0.00673203
0.00058208	0.0005526	0.00052889	0.00050461	0.00048021	0.00046329	0.0004393	0.00042552
3.65096228	3.57419343	3.4533058	3.42417337	3.40514989	3.40757067	3.31037437	3.31214357
21.7610961	20.1156242	18.5972142	15.5717062	12.9720497	14.031635	13.4690401	13.4371006
10.6500627	9.6554495	8.15249885	7.38832755	7.19590174	6.95397887	6.5703218	6.32257862
0.11526629	0.11137633	0.11490388	0.11008556	0.10974435	0.10903228	0.11513905	0.11276956
2.24480973	2.48541481	2.43397473	2.67800261	2.70741168	4.38511709	3.88174724	3.69334812
0.8284309	0.84752835	0.8681082	0.90323158	0.88562429	0.90559203	0.96914645	0.99086043
0.01083657	0.01055469	0.01028116	0.01005633	0.009817	0.00961251	0.00935349	0.00913524
0.13631899	0.13955529	0.14304355	0.14641907	0.14341811	0.14691047	0.15327297	0.15696533
0.14878045	0.1519112	0.15529535	0.15898411	0.15579215	0.15949423	0.16649358	0.17052632

7.9739535	9.31044401	8.79451229	10.11667	10.5474418	9.92549472	8.40602701	8.80579785
3.48534527	3.52437341	3.49412126	3.40081643	3.43407303	3.33592535	3.30831473	3.10827893
1.1367E-05	1.0774E-05	1.1635E-05	1.298E-05	1.3804E-05	1.4921E-05	1.5654E-05	1.8167E-05
0.27989432	0.25683882	0.23661732	0.25247301	0.23938898	0.29719227	0.29525613	0.24750929
0.02550358	0.026406	0.02731091	0.02808551	0.02889674	0.0295315	0.03044786	0.03120636
0.00286422	0.00286422	0.00286422	0.00286422	0.00286422	0.00286422	0.00572884	0.00572884
0.0496665	0.05042227	0.05115903	0.0518853	0.0525933	0.05328209	0.05396074	0.05484594
5.5483E-05	7.1801E-05	6.5274E-05	0.00011097	0.00047324	0.00079634	0.00096932	0.00248792
0.34432971	0.34103946	0.33894214	0.35607995	0.3698798	0.35465649	0.37825839	0.3660815
2.58655335	2.66962089	2.7641461	2.86726437	2.97324726	3.08209436	3.19953492	3.30838203
2.40230973	2.38958299	2.37685897	2.36660589	2.30078261	2.29677099	2.23959715	2.27096674
62.3102913	62.706123	66.4014511	77.8318627	77.9640509	81.0397653	93.0856976	95.3028972
67.0881498	69.4420186	71.5390897	73.6615721	77.7881845	83.010347	89.6957635	90.2791454
1.89840108	1.11583361	1.1025976	1.11284072	1.11788904	1.11561889	1.11193653	1.11655834
111.75093	107.745674	114.647491	120.261152	111.063758	111.528382	111.929114	115.621736
56.0619004	66.6882085	61.7317193	63.4381406	59.8546355	63.9044089	71.8663895	79.9370574
0.09836025	0.11365646	0.13335506	0.14668415	0.15376315	0.17640697	0.17031826	0.18952076
4.78741437	4.61145786	4.6192638	4.56013416	4.62114414	4.57448927	4.40674289	4.57601568
0.1244223	0.12626047	0.12398274	0.13118653	0.13454633	0.13781519	0.13828969	0.10929029
0.07185058	0.08077761	0.0863335	0.08909377	0.08485766	0.08223169	0.08168642	0.07755858
4.87126277	4.75871644	4.69849872	4.76501348	4.74774882	4.61017424	4.40685165	4.42468157
21.5183814	22.6254821	22.7905389	25.09049	25.4286383	28.1960221	26.9899577	28.9658078
5.29670499	5.44457903	5.59585037	5.75335924	5.91388005	6.07941908	6.24852305	6.42037211
0.10112339	0.10941338	0.08955317	0.08624502	0.09428859	0.11107228	0.13508084	0.13217753
1.08810429	1.0961643	1.10691097	1.11228432	1.12034432	1.12840433	1.131091	1.13377767
0.00081432	0.00083603	0.00086912	0.00088981	0.00090852	0.00093489	0.00095588	0.00098514
9.8197E-06	1.0627E-05	9.94E-06	1.108E-05	1.1708E-05	1.2173E-05	1.3364E-05	1.5119E-05
3.07460927	3.1119963	2.9633322	3.05636844	3.20509109	3.21228793	3.06312962	3.08183702
30.6673821	30.6440004	33.0478578	33.2618398	30.7250089	29.4153897	25.6569658	25.5652107
0.31954503	0.32980559	0.34066924	0.35162189	0.39351699	0.47206293	0.5546775	0.60987277
0.03440628	0.03461218	0.03478758	0.03497823	0.03516125	0.01243275	0.01300699	0.01358123
0.47520372	0.49744259	0.52135585	0.6603165	0.54139684	0.56393823	0.59893568	0.62413576
38.0377351	36.7210691	39.238884	37.4986748	34.5882735	35.2977516	31.5971675	33.8287296
0.0017167	0.00167547	0.00163514	0.00160547	0.00157324	0.00154822	0.00151226	0.00148211
0.10819165	0.14116118	0.13649594	0.1204943	0.13285798	0.23002356	0.05623838	0.15734845
0.22691616	0.23173226	0.23694142	0.24200192	0.23660083	0.24172502	0.25165144	0.25714532
0.22459283	0.23355051	0.23138906	0.22165474	0.20071849	0.23035836	0.22855143	0.24693243
0.02149519	0.02176521	0.02202482	0.02229204	0.02256065	0.0228296	0.02308706	0.02335435
0.09957569	0.10274293	0.10045996	0.10128841	0.1105019	0.1147365	0.12175207	0.13518833
0.00383653	0.0043939	0.00342853	0.00339606	0.00369642	0.00370902	0.00366326	0.00362729
0.11014301	0.15352335	0.16908248	0.17669389	0.17780967	0.17188542	0.16402977	0.18253304
0.08063603	0.09021146	0.08685339	0.08575835	0.09031711	0.09826537	0.10057005	0.09388596
1.4953886	1.60912982	1.7300976	1.8561312	1.9964868	2.1540288	2.2456896	2.3659944
0.0018581	0.00190329	0.00198177	0.0020193	0.00205098	0.00210328	0.00213662	0.00219237
17.2234494	15.8992919	16.5597974	18.2677068	20.5851847	24.4697804	21.4313305	19.7439343
0.24856838	0.23865272	0.23921264	0.23961082	0.2327957	0.25370573	0.23860929	0.22083967
0.28829552	0.29783298	0.30806268	0.31832418	0.3149472	0.32533896	0.34278435	0.35436882
							3.3855E-05
1.47062596	1.09260713	0.92908706	0.92412992	1.0139067	0.97102354	0.95623308	0.95019168
0.33484919	0.34756248	1.97438659	2.39940163	2.90628451	3.2279709	5.48683848	10.852585

1.13321159	1.19652792	1.23191661	1.27779565	1.85109858	1.35629141	1.3773029	1.40363806
0.39733661	0.41239706	0.42855228	0.62835539	0.52861987	0.53050225	0.54885193	0.54643669
0.0096707	0.00937282	0.00908332	0.00884526	0.00859424	0.00838395	0.00812357	0.00788968
		0.0028644	0.0028644	0.0028644	0.0028644	0.0028644	0.0028644
1.20814668	1.22464104	1.24844174	1.28259022	1.26136603	1.29019019	1.34524382	1.3803368
13.32998	13.4852613	13.8019542	14.5660716	14.0200473	14.7575244	14.8244213	11.8142618
0.20910446	0.2921688	0.2921688	0.2978976	0.329406	0.415338	0.41534453	0.40674806
0.00134321	0.00138049	0.00145441	0.00147938	0.0015001	0.00153624	0.00155423	0.00156505
0.09504644	0.09949815	0.10054376	0.10320974	0.1059088	0.10917003	0.11516338	0.12080558
192.475777	184.508008	174.617419	155.36404	139.99483	133.609979	127.051225	131.609862
0.03521311	0.03541159	0.03470003	0.03500646	0.03499652	0.03423435	0.03499656	0.03477822
3.16348933	3.30426982	3.19361634	3.06689119	3.0625811	3.26248964	2.93091953	3.22012612
4.54535796	4.66930791	4.04691386	4.612744	5.55239457	5.33999358	5.01981162	4.65191925
0.06305062	0.06252964	0.0638903	0.06772092	0.0648105	0.06530213	0.06578972	0.06625604
1.16976058	1.23294163	1.36509099	1.67889363	1.6066961	1.29040298	1.27641894	1.58677718
29.0668245	27.6992029	26.578854	23.9849289	22.0640585	22.0462572	21.475931	20.9933928
12.6270046	13.0257342	13.2847948	13.8087592	12.8359906	12.5267719	12.3603801	12.5798561
0.0028644	0.0057288	0.0057288	0.0057288	0.0057288	0.0057288	0.0057288	0.0057288
2.64553358	2.32524825	2.28997338	2.12394727	2.09553387	2.16200912	2.2739245	2.49874097
4.10200455	4.23848821	4.64035904	4.50447966	5.24928979	5.50486116	6.5361082	7.58842382
0.03657651	0.0396884	0.06876213	0.06652247	0.0494015	0.05067263	0.06503801	0.05052895
0.69864591	0.84236916	1.8552551	2.30440686	1.47565678	2.24287532	0.67086234	0.31203469
31.5175986	30.0300968	29.2791602	27.9542381	25.4240175	23.9052241	21.1287904	21.0578472
0.00146681	0.00148872	0.00146163	0.00145351	0.00144469	0.0014137	0.0013705	0.00139652
14.0571234	14.7595396	16.1033291	16.3079605	14.2769718	15.1035013	14.7839939	15.0651622
0.13652247	0.16018402	0.18342107	0.21722497	0.24182575	0.26145594	0.28769019	0.31095378
0.57296313	0.60770548	0.62998692	1.37121027	1.83937584	1.94965029	1.27682187	1.29410736
	1.657E-06	1.214E-05	1.2141E-05	9.6321E-06	1.0907E-05	7.7479E-06	9.8649E-06
25.0318191	22.7197933	19.422288	19.5589849	20.7943092	20.285704	19.5334151	17.7194433
0.03925913	0.03942769	0.03964456	0.03974671	0.03814245	0.03824361	0.03909569	0.03921406
5.74755992	4.92076537	4.81741932	4.95823805	4.61117578	4.46598606	4.21666909	3.93635742
173.039754	180.800919	190.930776	195.309501	200.925589	200.598536	194.241206	205.952017
0.60718863	0.60718863	0.60718863	0.60718863	0.60718863	0.60718863	0.60722742	0.6341715
60.7632369	60.7482747	64.8268161	66.3773528	65.3763946	67.9617296	61.9970789	60.9731398
1.63338724	1.62666991	1.39593705	1.44937636	1.44403383	1.52528154	1.41287996	1.47133474
9.1340683	9.12454939	8.71408928	8.69872193	9.32123484	9.23217127	9.47007677	9.55268548
12.593036	13.4742606	13.635067	13.6691819	13.6406849	13.6008286	12.871415	13.0485119
0.97426479	0.96956549	0.93019325	1.12427464	1.32609864	1.35933124	1.51996377	1.47608744
0.43023266	0.50105369	0.52664232	0.51610804	0.52197246	0.52243685	0.43226658	0.47764892
0.00028065	0.00052064	0.00053174	0.00049726	0.00051096	0.00051882	0.00048296	0.00046096
0.00291028	0.00300207	0.00313551	0.00321323	0.00328416	0.00338808	0.00346252	0.00356719
0.8683699	0.89019626	0.91369425	0.93799925	0.92170821	0.94610472	0.99037103	1.01714916
0.05931808	0.06260088	0.06282351	0.06164851	0.03089528	0.02978391	0.03002484	0.02951136
2.18979681	2.25544271	2.34359912	2.53594146	2.37563894	2.6738226	2.89371377	3.01336174
3.791E-06	3.5661E-06	3.8001E-06	4.0973E-06	4.2523E-06	4.4247E-06	4.7593E-06	5.534E-06
0.02114621	0.02162216	0.02213579	0.02251326	0.02191356	0.02228663	0.02311082	0.02351353
0.12549581	0.12248185	0.12687271	0.14215183	0.16302767	0.18305419	0.18359388	0.1825504
1.29118097	1.31685414	1.27578351	1.2099259	1.17642493	1.1762369	1.10630702	1.1193709
1.31099739	1.33003078	1.3153744	1.34318525	1.37110982	1.31786984	1.29508029	1.3305804
0.13198144	0.1412182	0.13586228	0.1288227	0.12937544	0.14251021	0.1383093	0.14847035
0.31744163	0.33921804	0.32503864	0.32790071	0.33968588	0.33728688	0.31690642	0.28519269

15.1594755	12.4160911	11.9784236	10.5612755	10.2162739	9.02162503	10.4986633	10.1772376
0.00047208	0.00048263	0.0004874	0.00049942	0.00050963	0.00052513	0.00053554	0.00054633
1.28100809	2.88586228	2.96475978	2.78092315	2.60303805	2.44572028	2.44449283	2.51341614
1.3806408	1.4150136	1.4579796	1.4837592	1.518132	1.5553692	1.6728096	1.7215044
13.4556019	14.9053819	15.5075861	15.8254612	16.5076136	17.1328285	16.9150806	18.3646602
0.23303397	0.25286682	0.25542074	0.25632821	0.28912668	0.2970068	0.29825363	0.29717918
16.0987289	15.9937973	14.6472508	15.084426	14.7290382	16.2099739	12.4000353	12.1247773
	0.44432927	0.85339638	0.99113543	0.82109111	0.97277828	0.90921097	0.84147653
0.00069959	0.00070431	0.000719	0.00071749	0.0007139	0.00071972	0.00071623	0.00071909
1.51113177	1.5805128	1.77694065	2.03736288	1.95935051	1.76169839	1.78295508	1.80179113
2.80091348	2.91562561	3.19199354	3.5957411	3.77601108	4.62537602	4.38928937	3.98860307
4.88191158	4.63401254	4.78767386	5.62805074	6.27401479	6.79885122	6.9940693	7.06763909
0.84426169	0.89560846	0.88986875	0.8581868	0.84885882	0.80482439	0.81977215	0.84029634
3.07147374	3.18621337	3.28692731	3.38875851	3.49999578	3.60672954	3.71743281	3.83848629
2.5464516	2.6151972	2.6839428	2.7584172	2.8328916	2.9102304	3.1164672	3.3341616
43.1686802	44.1296102	45.9040099	46.4180917	49.1512207	50.1271364	48.069051	47.423903
0.02621609	0.03361772	0.03702874	0.03507676	0.03289464	0.03776221	0.03608487	0.03634971
371.641778	377.215556	374.654017	385.018788	388.579508	397.035846	377.767248	376.332086
19.9686548	17.3705075	23.7984089	25.2405676	20.5758655	24.4707633	17.0502656	19.1237932
0.00185845	0.00181876	0.00177267	0.00173323	0.00169651	0.00166237	0.00162268	0.00157695
30.8324549	32.8844619	33.4347994	32.754981	33.2968782	35.6347356	32.2614192	31.9996319
0.0002797	0.00028638	0.00029222	0.00029004	0.00029136	0.00029408	0.00029013	0.00028266
13.1434294	17.7715594	20.4725986	21.9896043	23.8015722	22.2687499	24.7080131	24.7789084
0.00116691	0.00120358	0.00125666	0.00129327	0.00132782	0.00137281	0.00140886	0.00145706
0.00113632	0.00113856	0.001157	0.00114921	0.00113882	0.00113845	0.00125426	0.00129642
8.29654506	7.87055075	10.0247059	13.2242401	13.5691482	11.483231	12.0937634	12.6330968
43.2486968	43.8887761	44.0131551	43.6543196	43.8421278	44.9392389	44.4886047	45.4010561
2.64407468	2.70524114	2.77515399	2.84846937	2.92622148	3.00799673	3.09071193	3.17285322
0.68046768	0.64226788	0.71458468	0.69153546	0.66918284	0.52138537	0.54631455	0.56598486
3.0393E-05	2.9377E-05	2.8133E-05	2.7397E-05	2.4801E-05	2.0644E-05	2.3957E-05	2.5769E-05
0.001524	0.0015275	0.00155095	0.00167216	0.00248111	0.00312763	0.00406797	0.00467488
0.00462235	0.00483888	0.00454115	0.00489358	0.00515229	0.00522861	0.00539988	0.00559387
1.4494E-06	1.6952E-06	1.2774E-06	1.2372E-06	1.2921E-06	1.2499E-06	1.234E-06	1.2154E-06
0.00159285	0.00082053	0.00078111	0.00099235	0.00092458	0.00078428	0.00158528	0.00190541
0.00055042	0.00055042	0.0005538	0.00056393	0.00057743	0.00059094	0.00058756	0.00058756
0.02091362	0.02011924	0.02082431	0.02174191	0.02453933	0.03135257	0.03470706	0.03998961
0.05550346	0.05636286	0.05758332	0.05034032	0.04810877	0.04856297	0.04546131	0.04258841
0.00049304	0.00054765	0.00067821	0.00071714	0.00058414	0.000671	0.00048001	0.00025747
9.4339E-06	8.8618E-06	7.5906E-06	7.5087E-06	7.3242E-06	6.2886E-06	8.3758E-06	9.6196E-06
0.1159065	0.11899432	0.1190152	0.11568932	0.11813085	0.12203571	0.13241987	0.15432605
0.0445286	0.04759796	0.05561626	0.05981938	0.06265748	0.06083582	0.05850876	0.06186734
0.00172753	0.00162788	0.00137745	0.00136681	0.00151683	0.00167882	0.00110673	0.00088957
0.00087981	0.00088201	0.00091115	0.00084205	0.00097228	0.00099419	0.00091487	0.00092269
0.03946595	0.03647823	0.03694157	0.03744078	0.03413183	0.03881974	0.03631762	0.04473202
0.00016793	0.0001752	0.00016112	0.00024884	0.00032192	0.00028457	0.00025701	0.00025143
0.00128737	0.00124869	0.00128041	0.00123305	0.00147047	0.00161997	0.00151196	0.00153644
0.00703073	0.00596876	0.00697377	0.00685193	0.00706841	0.0079426	0.00963955	0.01052395
0.01280757	0.01330618	0.01271275	0.01279295	0.01340017	0.01000766	0.00648326	0.01051805
5.8867E-05	6.8393E-05	8.5277E-05	9.6465E-05	0.00010403	0.00011935	0.00014722	0.00036137
0.0002815	0.00027658	0.00026966	0.00026936	0.00022813	0.0001994	0.00019846	0.00021616

0.00055418	0.00107668	0.00149128	0.00158166	0.00169253	0.00178278	0.00105625	0.00107548
0.00404386	0.00420803	0.00427945	0.00440437	0.00443222	0.00499501	0.00472854	0.00494409
0.0010283	0.00100107	0.00100066	0.00102483	0.00079907	0.00069062	0.00069226	0.00073935
9.8719E-06	9.2306E-06	8.2018E-06	8.8805E-06	9.4731E-06	7.6004E-06	7.6916E-06	1.0671E-05
0.01927588	0.02019735	0.02095968	0.02220134	0.02349156	0.02416225	0.02513431	0.02670246
2.02366989	2.28625707	2.27520341	2.34354447	2.44316472	2.42462492	1.92014727	2.19481999
0.00016536	0.00016444	0.00016469	0.00016478	0.00015606	0.00015172	0.00015651	0.00016407
0.00014921	0.00013466	0.00013466	0.00106042	0.00103394	0.00110373	0.00066504	0.0004315
0.00419054	0.00431891	0.00417947	0.00440342	0.00398147	0.00379428	0.00349853	0.00323249
0.00206334	0.00144779	0.00223953	0.0023704	0.00294426	0.00270889	0.00232482	0.00096979
0.00022754	0.00022241	0.0002289	0.00021332	0.00023569	0.00023367	0.00021462	0.00021164
0.37695872	0.42107468	0.39565747	0.37517601	0.36075122	0.32519172	0.29934592	0.28496178
0.01967282	0.02005487	0.02013074	0.02106596	0.02074818	0.01930543	0.01807442	0.01941446
0.0421713	0.04978963	0.0521719	0.06150675	0.06737809	0.07158324	0.06726524	0.05600353
2.68217955	3.59471935	4.70494695	4.97636765	5.25561888	5.63368171	5.9733969	6.42234111
0.0005594	0.00058471	0.00040654	0.00057408	0.00043631	0.00057999	0.00082462	0.00078041
0.00183688	0.00189512	0.00187823	0.00157589	0.00139233	0.00144739	0.00175853	0.00184862
0.10610596	0.10983313	0.11369218	0.1176772	0.12166972	0.12580082	0.13006547	0.13166906
4.3898E-05	2.3638E-05	2.3638E-05	3.7145E-05	3.0391E-05	7.0913E-05	6.0782E-05	3.3768E-05
5.142E-06	9.1012E-06	1.4298E-05	1.4853E-05	1.3715E-05	1.2942E-05	9.6046E-06	1.1815E-05
0.1086976	0.05634298	0.05924844	0.05787922	0.06255294	0.06365895	0.06377317	0.05589821
3.735E-05	3.8599E-05	4.0426E-05	4.384E-05	3.9968E-05	4.1692E-05	4.4196E-05	5.1544E-05
6.273E-05	6.5222E-05	9.7585E-05	0.0001102	0.00013053	0.00012869	0.00012574	0.00015217
0.00686685	0.01108725	0.01309416	0.01433977	0.0181709	0.01737192	0.01793093	0.01751909
0.05751083	0.05631766	0.03911688	0.03767537	0.03877046	0.03550782	0.03475362	0.0316225
8.6973E-06	7.4518E-06	6.4747E-06	6.2924E-06	7.0106E-06	6.0674E-06	7.1476E-06	8.5275E-06
0.00186567	0.00189028	0.00138637	0.00124124	0.00143273	0.00146481	0.0012825	0.00126616
0.02665624	0.0316176	0.03720058	0.03691081	0.0377694	0.03484013	0.03529956	0.03102279
0.14996278	0.15942209	0.16159475	0.16732213	0.18547245	0.17621573	0.17856939	0.2001194
0.00013196	0.00012686	0.0001304	0.00013185	0.00014548	0.00015703	0.00014397	0.00017833
6.0743E-05	5.8859E-05	5.8168E-05	5.6302E-05	4.5417E-05	3.9443E-05	3.9473E-05	4.1691E-05
0.00999037	0.0105035	0.01034963	0.01072783	0.01123475	0.01229294	0.01065987	0.01108514
0.01373033	0.01427142	0.01316647	0.01328326	0.01340392	0.01331096	0.01340006	0.01351638
0.00705603	0.00857181	0.0085427	0.0086934	0.00976741	0.00932383	0.00921358	0.00930195
0.01390421	0.01567075	0.01832801	0.01327636	0.01603644	0.0118954	0.00899744	0.00937774
0.0272029	0.02511176	0.02976598	0.02994197	0.03278835	0.03089563	0.02847366	0.02928069
4.4419E-05	4.0782E-05	3.4028E-05	2.7275E-05	2.3898E-05	2.0521E-05	2.7275E-05	2.0521E-05
2.896E-05	2.8691E-05	3.092E-05	3.4124E-05	3.7107E-05	3.383E-05	3.7026E-05	4.1998E-05
0.09452018	0.0937262	0.09308158	0.09350834	0.09797518	0.09032505	0.07604372	0.07694197
0.00514551	0.00516122	0.00558302	0.0041015	0.00482077	0.00582698	0.00414514	0.00467918
0.00148565	0.00168126	0.00166296	0.00170599	0.00181914	0.00162565	0.00176828	0.00219526
0.1339247	0.14006284	0.12425323	0.14138067	0.14152111	0.13483193	0.10896684	0.12505605
0.00095954	0.00105709	0.00093114	0.0010383	0.00087815	0.00072279	0.00055351	0.00054531
6.1119E-06	5.8621E-06	5.6935E-06	5.5467E-06	4.4583E-06	3.8584E-06	3.9153E-06	4.1495E-06
0.11633584	0.11493137	0.11712982	0.10275126	0.10716299	0.10156788	0.0936145	0.10096912
0.03257432	0.04399454	0.05563209	0.06700606	0.0782263	0.08952643	0.1008154	0.11200034
0.07265631	0.06970238	0.06380514	0.06436557	0.0675991	0.07334238	0.06187492	0.06491225
0.00174666	0.00146921	0.0002346	0.00029648	0.00031062	0.00063626	0.00066286	0.00037623
0.02104885	0.01959548	0.01829876	0.017182	0.01629455	0.01566918	0.01542726	0.01511116
0.00140154	0.00138612	0.0014409	0.00136025	0.00151144	0.00156254	0.00148108	0.00155278
0.00014583	0.00013868	0.00013372	0.0001309	0.00010932	9.3914E-05	9.8768E-05	0.00010949

0.00010005	0.00010072	0.00010665	0.00010967	0.00012304	0.00012773	0.00012973	0.00014076
0.00026138	0.00026075	0.0002732	0.00025682	0.00029031	0.00030202	0.0002853	0.00028677
0.00023722	0.0012273	0.001245	0.00121167	0.00142323	0.00107652	0.00066221	0.00071285
0.02042769	0.01927572	0.01954393	0.01845926	0.02130415	0.01959603	0.0156096	0.01696383
6.0885E-06	5.5306E-06	5.2869E-06	5.336E-06	5.4615E-06	4.7593E-06	5.4071E-06	6.2473E-06
	6.8709E-05	7.8679E-05	7.3694E-05	7.8679E-05	8.2282E-05	5.5135E-05	0.00024333
0.00417465	0.00472803	0.00414308	0.00164831	0.00184859	0.00149188	0.00385111	0.00180933
0.00067097	0.00069047	0.00073063	0.00074729	0.00062939	0.00058333	0.00061481	0.00068073
0.00784756	0.00868095	0.00710208	0.00712566	0.00726939	0.00684077	0.00656831	0.00634482
0.00321749	0.00200523	0.00199938	0.0020083	0.0024763	0.00279064	0.00233117	0.00209873
0.01236666	0.011345	0.01616512	0.01765644	0.01948434	0.01477666	0.00821857	0.01376043
0.00547119	0.00655126	0.00592482	0.00631302	0.00650084	0.00638806	0.00547328	0.00537398
0.00482258	0.00506698	0.00517036	0.00529211	0.00541703	0.00373965	0.00374668	0.00335288
0.00785649	0.00828778	0.00907994	0.00957479	0.00970011	0.00935778	0.00719909	0.00720877
0.39656823	0.37445559	0.36935517	0.42703544	0.45761456	0.39247119	0.40678592	0.49003372
1.4799508	1.57408274	1.66173065	1.76729741	1.91076111	2.01255691	2.17196045	2.40507771
0.00954925	0.01046552	0.01203763	0.01184006	0.01097672	0.01010718	0.00899633	0.009445
0.04325038	0.04442054	0.04899568	0.05044556	0.05857367	0.06088819	0.05602367	0.05700691
0.00702053	0.00782926	0.00781587	0.00747856	0.00898	0.00740877	0.00773968	0.00821892
0.00156758	0.00175245	0.001688	0.00153333	0.00161596	0.00141915	0.00122297	0.00122326
0.00116321	0.00098015	0.00091677	0.00099366	0.00108953	0.00190108	0.00202435	0.00332793
0.09179174	0.08669537	0.08310983	0.07678617	0.07551418	0.08448067	0.06175907	0.06253035
0.00609955	0.00700117	0.00598373	0.00853336	0.00884884	0.0070975	0.00463978	0.00408826
0.00237065	0.00287457	0.00325631	0.00330358	0.00329935	0.0029052	0.0029698	0.00257675
0.37082954	0.37063996	0.39410964	0.39431086	0.40205958	0.36739461	0.34278325	0.36824722
0.03615462	0.05811164	0.06975972	0.03490596	0.07227976	0.14840887	0.11283308	0.12238225
0.00786454	0.0086703	0.00871493	0.00913499	0.00974114	0.00959729	0.00902989	0.01107436
0.00356382	0.00326056	0.00064364	0.00066924	0.00082928	0.00066865	0.00051973	0.00068734
0.02022812	0.02230076	0.02276901	0.02323243	0.02370498	0.02417879	0.02284898	0.02387789
9.6943E-06	1.0821E-05	1.3071E-05	1.4056E-05	1.3844E-05	1.4056E-05	1.0322E-05	1.0438E-05
5.8709E-05	5.3356E-05	5.2549E-05	2.6555E-06	2.6149E-06	2.1929E-06	2.8477E-06	3.4114E-06
0.15095021	0.15182973	0.1372731	0.15298006	0.16640364	0.17728808	0.15341461	0.16886503
0.00472718	0.00454793	0.00644269	0.00629763	0.00474983	0.00593751	0.00665746	0.00700395
0.00208258	0.00218277	0.00225106	0.00263875	0.00284102	0.00325927	0.00332809	0.00404797
0.00263713	0.00297143	0.00294779	0.00183007	0.0015498	0.00201242	0.00220828	0.00199003
0.00058456	0.00059965	0.00065295	0.00062484	0.00070693	0.0007442	0.00070339	0.00075906
0.00224948	0.00257219	0.00269144	0.00176838	0.00166537	0.00258174	0.00307551	0.00274368
7.7207E-05	7.4904E-05	7.4501E-05	7.296E-05	5.9519E-05	5.255E-05	5.366E-05	5.7765E-05
0.05092148	0.05595022	0.05719522	0.05723529	0.05703066	0.05140926	0.0515073	0.06281116
0.00024779	0.00024587	0.00025509	0.00024028	0.0002834	0.00027805	0.0002719	0.00027936
0.00498436	0.00517154	0.00532314	0.00537833	0.00534465	0.00483171	0.00359966	0.00411257
0.00168349	0.00206172	0.00276818	0.00297314	0.00288647	0.00289164	0.00232705	0.00265575
0.00361624	0.00477461	0.00551553	0.00634085	0.00568798	0.00593267	0.00785961	0.01007552
0.0003072	0.00038563	0.00037199	0.00037105	0.00037899	0.00028603	0.0002524	0.00025527
0.00941486	0.00871081	0.00900342	0.00933361	0.00952067	0.01061947	0.01000431	0.01054717
0.00033573	0.00038654	0.0005955	0.00043725	0.00048181	0.00076644	0.00058479	0.00078342
0.00894003	0.00939596	0.00989156	0.0103769	0.01056582	0.01123714	0.01148126	0.01283259
0.0001085	0.00014786	0.00013248	0.00016043	0.0001784	0.00017831	0.00015337	0.00015938
0.09199341	0.09607125	0.11075414	0.12495279	0.10776204	0.11737238	0.08510882	0.10412412
0.00170648	0.00096811	0.00174611	0.00234742	0.00271691	0.0025175	0.00150871	0.00209305
0.00058718	0.00058461	0.00061428	0.00060516	0.00070372	0.00076349	0.00079183	0.00082493



		0.00002842	2.9708E-05	3.6428E-05	3.6428E-05	2.3492E-05	0.00002996
0.01599205	0.01408297	0.0144316	0.01460514	0.01471679	0.01492738	0.01499335	0.01519167
0.00114875	0.00134818	0.00143589	0.0052138	0.00340374	0.00338659	0.00284947	0.0031978
0.00402486	0.00389665	0.00451852	0.00419965	0.00432161	0.00504157	0.00465365	0.00560975
0.00030748	0.00031707	0.00034354	0.00034597	0.00040681	0.00046811	0.00046125	0.00049779
0.00013162	0.00012615	0.00012114	0.00011887	0.00010484	9.417E-05	0.00010066	0.00010923
0.00383341	0.00383664	0.00354255	0.00352544	0.00311188	0.00221227	0.00196101	0.00221689
0.00547041	0.00556659	0.00571165	0.00566977	0.00592162	0.00607345	0.00602656	0.00620607
0.04770708	0.05184536	0.05409067	0.05486413	0.06012705	0.06217992	0.03584915	0.0409415
0.00031844	0.00033427	0.00029732	0.00031316	0.00032899	0.00033427	0.00033427	0.00035539
0.00193854	0.00150883	0.00152162	0.00162905	0.00166956	0.00161802	0.00177083	0.00294355
7.4298E-05	7.8196E-05	6.7284E-05	8.1572E-05	0.00010314	0.00012132	0.00017978	0.00023797
0.10044408	0.11148477	0.12344298	0.13729452	0.15559666	0.18138045	0.19897779	0.22056479
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0.01863084	0.01814359	0.01796679	0.01858493	0.0188374	0.01678889	0.01695818	0.01597026
0.02486437	0.02501075	0.0248141	0.02339861	0.02458368	0.02493419	0.02041291	0.03453193
0.00574868	0.00558013	0.00675984	0.00537771	0.00596775	0.00582736	0.00580649	0.00716852
0.02814257	0.02770499	0.02642192	0.02635399	0.02683252	0.02478179	0.02115881	0.02396219
0.00512739	0.0045675	0.00471253	0.00790244	0.00882771	0.00532836	0.00440287	0.00414343
0.14716419	0.15414995	0.15695465	0.17167395	0.18952403	0.1762819	0.177983	0.17923822
0.00460991	0.00514205	0.00514404	0.00525093	0.00560218	0.00428492	0.00487466	0.00494552
0.03569619	0.03631571	0.03561869	0.03316825	0.03544862	0.03401084	0.0347827	0.03343547
0.04587219	0.04733769	0.05000197	0.05212716	0.05609159	0.06112744	0.05853655	0.06448555
0.000275	0.00026198	0.00029344	0.000275	0.00016988	0.0001335	0.00011252	0.00011718
0.00581254	0.00595802	0.00563792	0.00580822	0.00528698	0.00483602	0.00437985	0.00394469
0.08971874	0.09029413	0.08454689	0.08557087	0.08658395	0.08513421	0.08263746	0.09002961
0.00019993	0.00015806	0.0001228	0.00012628	0.00012259	0.00095704	0.00068563	0.00075638
0.12814137	0.13107748	0.13824945	0.14174337	0.11574435	0.12913867	0.1173815	0.11356248
0.05792023	0.05686276	0.05748489	0.05821824	0.06118513	0.0593878	0.05788641	0.06113303
0.06180846	0.06354801	0.06470344	0.06594793	0.06655298	0.06763515	0.06638331	0.06868405
0.00015959	0.00016536	0.00016914	0.00016002	0.00018377	0.0001731	0.00013904	0.00014375
0.00405026	0.00484749	0.00462475	0.00489579	0.00735507	0.00730601	0.00598403	0.00707019
0.00026913	0.00029096	0.00029875	0.00030919	0.00031148	0.00034221	0.00036713	0.00046724
0.03076558	0.02526151	0.02551669	0.02655976	0.02724707	0.02182883	0.01697112	0.01980855
0.11064708	0.12259533	0.1040804	0.10001363	0.10209367	0.10522986	0.0981466	0.10181278
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0.05443552	0.0559856	0.05551652	0.05864881	0.06493226	0.07009753	0.07526696	0.09059185
0.01117849	0.01388685	0.01078701	0.01215022	0.0134085	0.00826139	0.00634004	0.00805761
0.03638019	0.03488158	0.0333744	0.03984732	0.03716756	0.03643845	0.03900135	0.03498085
0.00065366	0.00159081	0.00155715	0.00141276	0.00191563	0.00194461	0.0036446	0.00311757
0.00300903	0.00325855	0.0034867	0.0036977	0.00394638	0.00408749	0.00646211	0.00713886
9.287E-08	7.4514E-08	6.8032E-08	7.2757E-08	9.0439E-08	9.1619E-08	9.329E-08	9.2472E-08
0.0001678	0.00017676	0.00016927	0.00017454	0.00015734	0.00014829	0.00013025	0.00012705
0.00060645	0.00059894	0.000613	0.00058262	0.00063929	0.00066095	0.0006166	0.00062121
0.01191246	0.01234269	0.01211105	0.01187928	0.00899343	0.00808921	0.00740776	0.00669307
0.0011766	0.00118176	0.00123678	0.00119506	0.00131777	0.00144512	0.00137883	0.00138027
5.7721E-06	5.4792E-06	5.3351E-06	5.1914E-06	4.326E-06	3.7728E-06	3.9857E-06	4.3847E-06
1.8703E-05	1.9736E-05	2.1711E-05	2.2607E-05	2.4895E-05	2.6575E-05	2.7423E-05	3.1855E-05
0.00020123	0.0002099	0.00022696	0.00023701	0.00023675	0.00024639	0.00024108	0.00025927
0.01957838	0.02036631	0.02016532	0.01809999	0.02097152	0.02036833	0.02170956	0.02060716
0.00597258	0.00635203	0.00690463	0.00646989	0.00559855	0.00534069	0.0045263	0.00469397

0.14909822	0.14703928	0.14987056	0.16248789	0.16904368	0.15979294	0.16152792	0.1748811
0.00336077	0.00322968	0.00344088	0.00436247	0.00446258	0.00452055	0.00420537	0.00405695
9.4296E-05	0.00012967	0.00012634	0.00014945	0.0001304	0.00013967	0.00015662	0.00016628
0.00530333	0.0040612	0.0061215	0.00681899	0.00739928	0.00752458	0.00600965	0.00722478
7.0183E-06	6.9697E-06	7.1691E-06	7.4543E-06	6.6848E-06	6.1171E-06	6.7832E-06	7.76E-06
0.00072144	0.00071427	0.00075863	0.00070625	0.00079071	0.00083365	0.00078869	0.00077752
0.00027886	0.00031392	0.00025302	0.0002924	0.00067356	0.00016383	0.00033481	0.0004478
0.23367018	0.24759659	0.27399994	0.2945461	0.29540244	0.32573925	0.33902149	0.36398609

0.00029418	0.00040287	0.00038901	0.00041114	0.00040068	0.00052272	0.00073854	0.00076041
0.00016797	0.00017011	0.00015626	0.00015597	0.00013968	0.00012944	0.00011288	0.00010509
2.2895E-05	2.2439E-05	2.3173E-05	2.5422E-05	2.341E-05	2.3246E-05	2.0484E-05	1.9278E-05
0.00166863	0.00147318	0.00195408	0.0016823	0.00216315	0.00181703	0.00160433	0.00201794
0.0039108	0.00411937	0.00392195	0.0041702	0.00409436	0.00404825	0.00343739	0.0036725
0.09354674	0.09609843	0.09151065	0.11248225	0.1163508	0.05189865	0.05138834	0.0606527
0.08241197	0.08497	0.08499037	0.0881092	0.08650813	0.07929541	0.07418975	0.0829013
0.03917198	0.03973169	0.04036288	0.04083665	0.0413437	0.04147697	0.04172704	0.04230681
0.04890493	0.05203981	0.05560505	0.05887577	0.06164026	0.06877339	0.07404523	0.07524233
0.07451405	0.07326316	0.08176882	0.07615571	0.07872059	0.07247096	0.05544464	0.05977194
0.00569896	0.00602009	0.00692323	0.00728261	0.00830559	0.02300314	0.02257712	0.03149808
1.54223749	1.63546391	1.64664131	1.82298583	1.72946019	1.63622876	1.44712963	1.56295787
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6.1993E-05	5.9671E-05	5.8525E-05	5.6673E-05	4.5536E-05	3.9711E-05	4.1051E-05	4.2247E-05
0.02996254	0.0351894	0.03580805	0.03820605	0.02700181	0.03087175	0.03247557	0.04858469
1.049E-05	1.0471E-05	1.0545E-05	1.0607E-05	8.9546E-06	8.0682E-06	8.7054E-06	9.5176E-06
0.15002552	0.16132515	0.1598809	0.16477061	0.16692711	0.18641424	0.19328168	0.19696944
9.8762E-05	9.7955E-05	9.2612E-05	9.4345E-05	9.4944E-05	8.8236E-05	8.0071E-05	7.5873E-05
9.7388E-05	0.00010165	9.7558E-05	0.00010035	9.9249E-05	9.3382E-05	8.1663E-05	7.8949E-05
0.00266697	0.00282052	0.00300964	0.0029494	0.00324609	0.00382743	0.00387052	0.00416057
0.15486718	0.17026125	0.18309975	0.16586559	0.14704652	0.1507145	0.20154367	0.1573488
0.03566579	0.03703383	0.03888386	0.04009097	0.04198328	0.04414175	0.04664944	0.04937993
0.00902348	0.00772031	0.00795231	0.00843855	0.00910527	0.00769479	0.00564844	0.00735014
0.00016217	0.00016738	0.00018037	0.00020837	0.00022823	0.00023066	0.00024652	0.00022943
0.00044967	0.00041364	0.00055363	0.00057248	0.00062018	0.00115733	0.00169368	0.00192666
0.0010652	0.00068727	0.00061664	0.00066339	0.00104763	0.00129977	0.00231745	0.00251431
8.7771E-07	8.7652E-07	8.6782E-07	8.6092E-07	8.8699E-07	9.0847E-07	9.0683E-07	9.1981E-07
4.9977E-05	4.8617E-05	4.1415E-05	4.1415E-05	2.6109E-05		5.7941E-06	1.4485E-05
0.00068318	0.00071478	0.00074317	0.00072398	0.00074592	0.00074043	0.00077608	0.00079832
0.07143577	0.08646927	0.0920505	0.09940689	0.0996676	0.11993425	0.10405881	0.10758047
0.04671662	0.05602258	0.05984141	0.05982738	0.05914666	0.06492198	0.06363045	0.06656288
0.0004383	0.00038266	0.00047389	0.0004509	0.00053981	0.00051927	0.00032208	0.00058135
7.7999E-05	8.2911E-05	9.639E-05	0.00011058	0.00012295	0.00013227	0.00014968	0.00014976
0.11508845	0.12288898	0.12882995	0.13023665	0.13890595	0.15170915	0.10320258	0.10490224
0.03879008	0.0424113	0.04677584	0.05315785	0.06008568	0.06751238	0.07415228	0.08345161
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0.04211678	0.04442524	0.04723719	0.05379131	0.0599587	0.06523033	0.07266005	0.07462102
6.8586E-05	6.8065E-05	8.6511E-05	0.00018116	0.00021079	0.00021744	0.00013068	0.00011669
0.00113327	0.00108999	0.001033	0.00105997	0.00113725	0.00122736	0.00122782	0.00124186
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0.00815483	0.0078776	0.00786415	0.0077255	0.00870089	0.00864342	0.00794035	0.00889793

0.02523331	0.02457794	0.02917315	0.03200906	0.03185663	0.03435905	0.03480588	0.03523711
0.00072164	0.00079689	0.00074262	0.00088327	0.00101996	0.00101355	0.00086809	0.00093286
0.00238865	0.00235087	0.00241432	0.00271996	0.00284986	0.00320995	0.00326072	0.00327334
0.02631891	0.028922	0.03083654	0.03263354	0.03374094	0.03570515	0.03647199	0.04069097
0.00115522	0.00126555	0.00106449	0.00107704	0.00106175	0.0009267	0.00094311	0.000998
0.00010312	0.00010566	0.00011388	0.00014299	0.00017399	0.0001746	0.00014998	0.00018081
0.00315508	0.00312369	0.00354046	0.00380076	0.00431654	0.00518712	0.00596994	0.0066893
0.10217145	0.11263426	0.12252065	0.12536404	0.13790456	0.16121637	0.16996034	0.24253695
0.00036032	0.0003659	0.00037113	0.00039946	0.00038346	0.00044116	0.00044335	0.00043989
0.00507327	0.00518204	0.00505457	0.00535459	0.00486647	0.00524949	0.00552158	0.00536342
0.00045675	0.00046055	0.00046864	0.00037729	0.00028938	0.00021592	0.00021676	0.00022933
0.00031355	0.00038414	0.00035317	0.00026992	0.00022829	0.0002183	0.00019471	0.00011748
0.00022371	0.00022037	0.00020649	0.00020827	0.00019244	0.00017741	0.00017709	0.00017472
0.12905798	0.12542863	0.11886422	0.12102027	0.12276769	0.1154872	0.12085722	0.1348382
0.0330788	0.03429133	0.03591171	0.0384208	0.0387746	0.03997309	0.03700082	0.03832394
0.02771494	0.0295141	0.03393091	0.02893864	0.03353436	0.03316974	0.0397436	0.02862072
0.51020501	0.56129541	0.62150781	0.71060432	0.7959657	0.8618944	0.98432689	1.2621477
0.00382239	0.00510526	0.00634594	0.00553422	0.00578121	0.00638032	0.00562868	0.00636229
0.00013094	0.0001299	0.0001808	0.00556893	0.00139895	0.0014736	0.00171087	0.00171242
7.2744E-06	7.2744E-06	7.2744E-06	1.8791E-05	3.0307E-05	3.7582E-05	3.0307E-05	3.0307E-05
6.3085E-05	7.4229E-05	8.6342E-05	8.9733E-05	7.9849E-05	9.5645E-05	0.00023424	0.00040664
1.4017E-05	2.2421E-05	3.5035E-05	3.3877E-05	2.7744E-05	2.5532E-05	2.1106E-05	2.2493E-05
0.01069916	0.01021678	0.01098235	0.01117947	0.01125927	0.00990082	0.01414848	0.03217445
5.4345E-05	5.6675E-05	5.441E-05	6.1262E-05	4.2568E-05	4.2586E-05	5.0403E-05	5.5468E-05
0.00011934	0.000124	0.0001846	0.00019597	0.00020154	0.00019104	0.00019158	0.00019705
0.00074755	0.00029258	0.00062059	0.00095436	0.00119457	0.00111931	0.0011858	0.00148355
0.03092791	0.02714768	0.02510421	0.02205811	0.02198	0.02113609	0.0216108	0.01955471
9.0846E-05	8.5302E-05	8.99E-05	0.00010132	0.00012876	0.00013938	0.00013937	0.00014449
0.00147198	0.00141772	0.00148757	0.00151763	0.00174911	0.00183368	0.00210741	0.00223609
0.03236337	0.03480423	0.03107196	0.0310276	0.03353857	0.0338979	0.03518834	0.03795755
0.23383697	0.25080991	0.31451405	0.35050065	0.37117064	0.38967328	0.39639355	0.42574743
0.00026663	0.00025036	0.00023826	0.00022558	0.00021351	0.00022337	0.0002091	0.00022485
8.8804E-05	9.8868E-05	8.5515E-05	8.7537E-05	9.554E-05	8.4938E-05	8.7087E-05	9.2257E-05
0.06112398	0.0643339	0.06540207	0.06724676	0.06823082	0.06794131	0.07006742	0.08502897
0.00776701	0.00682253	0.00704005	0.00700379	0.00688349	0.00717364	0.0063655	0.0066394
0.02454005	0.02675464	0.02896272	0.03221011	0.03332251	0.03573095	0.03970233	0.0401711
0.00250409	0.00307575	0.00462259	0.00594338	0.00658095	0.00578003	0.00753854	0.00904967
0.03036559	0.03906205	0.04469264	0.04920449	0.05151287	0.05547038	0.06279026	0.06010424
0.00028331	0.0003261	0.00029462	0.00026686	0.0002925	0.00025276	0.00027354	0.00029458
4.4217E-05	4.554E-05	4.8102E-05	5.2602E-05	4.9346E-05	5.0838E-05	5.1502E-05	4.9991E-05
0.07407791	0.08699942	0.10629203	0.11656732	0.12263995	0.13831989	0.13229179	0.11407595
0.01288931	0.0134672	0.01405056	0.01284415	0.01457143	0.01300945	0.0140532	0.02039948
1.4549E-05	1.8186E-05	1.0912E-05	1.0912E-05	0.00018956	0.00051285	0.00055649	6.2689E-05
0.11589425	0.12086977	0.11235975	0.12691736	0.11431345	0.12099824	0.11028098	0.13756037
0.00064472	0.00084955	0.00070132	0.00070514	0.00062152	0.00041292	0.00031684	0.00043117
1.2522E-05	1.3583E-05	1.2434E-05	1.4261E-05	1.4669E-05	1.4337E-05	1.5035E-05	1.467E-05
0.09068686	0.09641522	0.1249453	0.12159584	0.13646598	0.14093235	0.14501435	0.16537617
0.00086733	0.00085152	0.00095843	0.0009351	0.00113273	0.00104783	0.00109324	0.00129602
0.19172832	0.19819578	0.21066865	0.2043743	0.21297945	0.21696356	0.21357806	0.22787537
0.00032712	0.00042315	0.00045109	0.00074911	0.00094179	0.00050104	0.0007029	0.000484
0.00189037	0.00058358	0.00115284	0.00268877	0.00290358	0.00207296	0.00195729	0.00412602

0.00011088	0.00011088	0.0001176	0.00012432	0.00012768	0.00013776	0.00014448	0.00014448
0.00130664	0.00132044	0.00127132	0.001288	0.00121298	0.0012179	0.00127226	0.00133259
0.00049278	0.0004952	0.00047647	0.00052883	0.00057162	0.00054688	0.00057545	0.00062963
0.00013879	0.00014038	0.00013835	0.00014686	0.00014042	0.00014051	0.00015478	0.00015334
0.00025056	0.00025395	0.0002429	0.00024643	0.00023475	0.00023575	0.00024428	0.00024317
0.00010442	0.00013871	0.00015172	0.00015816	0.00018196	0.00020856	0.0002754	0.00031371
0.02114018	0.02186214	0.02228775	0.02232188	0.02529103	0.02533039	0.02155904	0.02233965
4.196E-05	4.0476E-05	4.3581E-05	5.0095E-05	5.6628E-05	6.1745E-05	6.5041E-05	6.9458E-05
	0.00031011	0.00030675	0.00029439	0.00030483	0.00031035	0.00027613	0.00027576
0.02733523	0.02815261	0.0223675	0.02178407	0.02726276	0.02358176	0.03029057	0.03972308
0.00086662	0.00099749	0.00088432	0.00091864	0.00096856	0.00089771	0.00098347	0.00105149
0.00094179	0.00096957	0.00072777	0.00074897	0.00083521	0.0007667	0.00097199	0.00096042
0.01280581	0.01561584	0.01602927	0.01657807	0.0156879	0.01671684	0.01627815	0.01841134
0.00476001	0.00810887	0.00495711	0.0060649	0.00644782	0.0082457	0.01352408	0.0077785
0.00417096	0.00408556	0.00351201	0.00365188	0.00488263	0.00408052	0.00365188	0.00368818
0.00019511	0.00018731	0.00019459	0.00019822	0.00027252	0.00027252	0.00029174	0.00058582
0.01493991	0.01974537	0.03011723	0.02742735	0.03109639	0.03536511	0.0352534	0.0367211
0.05399426	0.05659908	0.05694019	0.06109563	0.06557063	0.0723398	0.07933892	0.07938031
0.2035493	0.24314452	0.25867292	0.30532517	0.35219755	0.34401358	0.42374421	0.48401385
0.01085169	0.01089886	0.01152194	0.01262691	0.01364435	0.01430295	0.01394431	0.01567449
0.08903634	0.10094026	0.11047208	0.12300919	0.13182327	0.15455495	0.16075878	0.17112623
0.02568739	0.02512612	0.02085973	0.02136126	0.01819129	0.02485892	0.03524717	0.04063534
2.3632E-05	2.4529E-05	2.3732E-05	3.6101E-05	5.0158E-05	3.6472E-05	2.9983E-05	3.0866E-05
0.01334794	0.015025	0.0159308	0.01748894	0.01979339	0.02120634	0.02046623	0.02411307
0.12784657	0.17495704	0.1923645	0.20952878	0.22321435	0.22368102	0.20769187	0.22421087
0.00525506	0.00429882	0.00376291	0.00349503	0.00344713	0.00289974	0.00295916	0.00294468
0.00369172	0.00488078	0.00576357	0.00710612	0.00821871	0.00922342	0.01041758	0.00942393
0.32526585	0.33362285	0.35692432	0.36282103	0.40165538	0.40031003	0.39901933	0.49993297
0.01925572	0.01859891	0.02000494	0.02652197	0.02498679	0.02150176	0.02075245	0.01908167
0.00215461	0.00241814	0.00300553	0.00327499	0.00334398	0.00366895	0.00563617	0.00515876
0.0006094	0.00063225	0.00070461	0.00064692	0.00063129	0.00069248	0.00082101	0.00056929
0.00065968	0.00078127	0.00093686	0.00116831	0.00146429	0.00148252	0.00127991	0.00114332
2.0531E-05	2.1106E-05	2.6758E-05	2.6789E-05	2.3824E-05	2.3797E-05	1.8663E-05	1.6646E-05
3.6247E-05	3.9923E-05	3.723E-05	4.276E-05	4.8027E-05	5.0375E-05	5.5527E-05	5.7805E-05
0.06313934	0.08064828	0.0838458	0.09147092	0.09972715	0.10085952	0.10356895	0.13747594
0.03073496	0.0343446	0.04018636	0.04356573	0.04515081	0.04890781	0.05162057	0.05499153
0.00777456	0.00654623	0.00642724	0.00740092	0.0069712	0.00874732	0.00878294	0.00987775
0.00054055	0.00056638	0.0005733	0.00059132	0.0005493	0.0005512	0.00056255	0.00063628
0.01765364	0.01749198	0.02118215	0.02424001	0.02349642	0.02448307	0.02480421	0.0265593
0.00014921	0.00015722	0.00014512	0.00015355	0.00016066	0.00015756	0.00016286	0.000174
0.0040373	0.00451341	0.00488738	0.00347687	0.00419269	0.0042832	0.00484316	0.00430749
0.00026582	0.00026854	0.00025619	0.00025515	0.00026691	0.00024271	0.00026529	0.00026264
0.00601629	0.00727865	0.00729496	0.007958	0.00806326	0.00904902	0.0103292	0.01074782
0.00297172	0.00342376	0.00332126	0.00349032	0.00325993	0.00299389	0.00315217	0.00316128
0.00716804	0.00724597	0.00724126	0.00767048	0.00732887	0.00781914	0.00782263	0.00892399
0.00075574	0.00087288	0.0008418	0.00078081	0.00070724	0.00052755	0.00051814	0.00080706
0.0042362	0.00482057	0.00629962	0.00650359	0.0066809	0.0069471	0.00660881	0.00751485
0.00242919	0.00250062	0.00255843	0.00247931	0.00244248	0.00256462	0.00263771	0.00265934
0.00056038	0.00049429	0.00051542	0.00053016	0.00047247	0.00050365	0.00045578	0.0006752
0.00026365	0.00033407	0.00029603	0.0003375	0.00033851	0.00033087	0.0003158	0.00028652

0.13464098	0.13782247	0.13900512	0.14503298	0.15637197	0.15371771	0.15171634	0.16092658
0.00191457	0.00182551	0.00163859	0.00163359	0.00168159	0.00169158	0.0016139	0.00148027
0.00061697	0.00062191	0.0006031	0.00065214	0.00066031	0.00071641	0.0008434	0.00082288
0.00133097	0.00116735	0.00106605	0.00105862	0.00106871	0.00112886	0.00105997	0.00107118
0.00397582	0.00403866	0.00356211	0.00307483	0.00290558	0.00286171	0.0018411	0.00267201
0.0018942	0.00194893	0.00209625	0.00207045	0.00224035	0.00223872	0.00232751	0.00253173
0.00097066	0.00094185	0.00110185	0.00100956	0.00100374	0.00118844	0.00107568	0.00132615
0.00048982	0.00050665	0.00051415	0.00050687	0.00051658	0.00059051	0.0006088	0.00057843
0.00045252	0.00046035	0.00044543	0.00048305	0.0005324	0.00054754	0.00058456	0.00060363
0.00677542	0.00710364	0.00691918	0.00685189	0.00688562	0.00827202	0.00741183	0.00750081
0.00075785	0.00074126	0.00078186	0.0008191	0.00083712	0.00088469	0.00085873	0.00091775
0.05685656	0.05643558	0.06595408	0.06902615	0.06955122	0.07475812	0.09110744	0.10678463
3.5582E-06	4.2608E-06	8.8953E-06	3.9912E-05	3.8063E-05	5.8592E-05	2.561E-05	9.5981E-06
0.00059654	0.0005776	0.00064603	0.00057916	0.00059164	0.0005237	0.00047288	0.00048507
9.6653E-05	9.942E-05	0.00010136	8.2482E-05	8.1382E-05	8.3076E-05	9.4016E-05	0.0001345
0.0087306	0.01107377	0.01132796	0.01222285	0.01283007	0.01186576	0.01194217	0.01551966
0.00543457	0.00834556	0.0077853	0.00763703	0.00992117	0.00931842	0.00916665	0.01069489
0.0969697	0.10421679	0.10895228	0.10233842	0.10599316	0.11579998	0.12767572	0.13764789
0.00898851	0.00906874	0.00863854	0.00951032	0.01002052	0.01053466	0.0128988	0.01486784
3.7279E-06	1.1184E-05	1.4912E-05	1.1141E-05	7.4273E-06	7.4273E-06	1.1141E-05	3.7136E-06
0.01940022	0.01998571	0.02205501	0.0225782	0.0239964	0.02441277	0.02303631	0.02422757
0.01627816	0.01819632	0.01699856	0.01847372	0.01940635	0.0207041	0.02323457	0.02460269
0.02748657	0.03090325	0.03151885	0.03349089	0.03395572	0.03411681	0.03622873	0.03493248
0.0027763	0.00244843	0.00318996	0.00333597	0.00381159	0.00369752	0.00397271	0.00448226
0.00544291	0.0067409	0.01005361	0.00980203	0.01235861	0.01513727	0.01633559	0.02165603
0.01717027	0.01796316	0.02009372	0.01746974	0.01994734	0.02121671	0.02226533	0.02318084
0.00088933	0.0007838	0.00090635	0.00082975	0.00072756	0.00064188	0.00091636	0.00080237
0.0022989	0.00244896	0.0023872	0.00213532	0.00203473	0.00189392	0.00200839	0.00135911
0.04826386	0.05097434	0.05840673	0.06192432	0.06435808	0.07429556	0.0872166	0.09735023
0.01942105	0.01943692	0.01947874	0.0092926	0.01019081	0.00705038	0.00588555	0.00544779
0.0026651	0.00271723	0.00274665	0.00269545	0.00233206	0.00256599	0.00298439	0.00279779
0.02315867	0.02657699	0.02994942	0.02784839	0.0284652	0.02860623	0.03245523	0.03613661
0.00042546	0.0003984	0.00040602	0.00035663	0.00036524	0.00033543	0.00029941	0.00026882
0.01871836	0.0171794	0.01779856	0.02107615	0.02184248	0.02290897	0.02439317	0.02766485
0.00063018	0.00066952	0.0006411	0.00060116	0.00052254	0.00055404	0.00060512	0.00063765
0.01640585	0.0163845	0.01436198	0.01813179	0.01510667	0.01487359	0.01314347	0.01358644
0.46770963	0.50367807	0.50595375	0.53396985	0.51800019	0.52831463	0.51652103	0.57625265
0.00019948	0.00019234	0.00021025	0.00021025	0.00019822	0.00019234	0.00020616	0.00020775
0.13626049	0.14526581	0.15848458	0.16612781	0.16772926	0.1816299	0.20571735	0.22527715
0.01186739	0.01240872	0.01162311	0.01200874	0.01128705	0.01084102	0.01158198	0.01165228
0.00184145	0.00204086	0.00229463	0.00290526	0.00285058	0.00322649	0.00259245	0.00101534
0.00331192	0.00356659	0.00402275	0.00400457	0.00339859	0.00443794	0.00283324	0.00435599
0.03184097	0.03360554	0.03427206	0.03500351	0.03599426	0.03756267	0.03661719	0.04410171
1.8856E-06	2.0188E-06	2.1131E-06	2.2514E-06	2.2309E-06	2.4509E-06	2.6E-06	2.6607E-06
0.00013772	0.00014025	0.00013984	0.0001289	0.00012968	0.00011699	0.00010858	0.00010084
0.00055289	0.00055036	0.00050403	0.0005332	0.00048448	0.00048773	0.00049698	0.00049828
0.00227607	0.0024796	0.00285897	0.00385272	0.00430814	0.00454746	0.00563327	0.00617933
0.00096066	0.00097806	0.0009377	0.00097302	0.00090419	0.0009656	0.0010041	0.00101477
1.9072E-05	1.9031E-05	1.8869E-05	2.0436E-05	2.2004E-05	2.2247E-05	2.3699E-05	2.5273E-05
2.8832E-05	3.1146E-05	3.2526E-05	3.3694E-05	3.1611E-05	3.2882E-05	3.6206E-05	3.7603E-05

0.00037275	0.0004923	0.000734	0.00052126	0.00041586	0.00040891	0.00043787	0.00055658
0.00848949	0.00835898	0.00885606	0.0098021	0.00913037	0.0101125	0.01161041	0.01563689
0.00334747	0.00338166	0.0033033	0.00325986	0.00311061	0.00470822	0.00386666	0.00381011
0.1332813	0.13677691	0.14905815	0.1544195	0.15670046	0.16246649	0.17044408	0.20152951
0.00026486	0.00024689	0.00024285	0.00027998	0.00028117	0.00027631	0.00448135	0.00486168
0.00022589	0.00030462	0.00027698	0.00029547	0.00022291	0.0002301	0.0002618	0.00022884
0.01634658	0.01561123	0.01755836	0.0187409	0.01936548	0.02059009	0.02285391	0.02637903
2.2952E-05	2.4296E-05	2.6759E-05	3.2767E-05	3.9571E-05	4.2818E-05	4.6379E-05	4.9785E-05
0.00052678	0.00054004	0.00051316	0.00051875	0.00049547	0.00051531	0.00053241	0.00053881
6.724E-05	0.00011941	0.00010041	0.00016599	0.00021287	5.2404E-05	8.8844E-05	0.00012575
0.10674877	0.11191474	0.12149702	0.12020176	0.13188843	0.14453169	0.15544606	0.1748815
0.0002523	0.00029388	0.00029439	0.00029481	0.0001546	9.886E-05	4.0774E-05	1.8119E-05
0.0079141	0.00882013	0.00948626	0.01126504	0.01341204	0.01439338	0.01430331	0.01927504
8.762E-05	8.9849E-05	8.7676E-05	7.8428E-05	7.5849E-05	7.2784E-05	7.2865E-05	6.8209E-05
5.7343E-05	5.0611E-05	5.2451E-05	5.3755E-05	4.4086E-05	4.2858E-05	4.202E-05	3.4358E-05
0.00756725	0.00761242	0.00829207	0.00783278	0.00862658	0.00812634	0.00813532	0.00825987
0.01058566	0.01090138	0.01132526	0.01140201	0.01190702	0.0130736	0.01396623	0.01543651
0.06050473	0.06063522	0.07046016	0.0753095	0.08974016	0.09365357	0.09126968	0.09174919
0.07812011	0.08097234	0.08206926	0.08541669	0.08840788	0.08674045	0.08020151	0.08504665
0.00074909	0.00215836	0.00282845	0.00324583	0.00300492	0.00259995	0.00262815	0.00305193
0.00043708	0.00048103	0.00053923	0.00085037	0.00098297	0.00131166	0.00203192	0.00206242
0.06153604	0.0511792	0.05071002	0.04762808	0.05246816	0.05597896	0.04993998	0.05614245
0.00024307	0.00095996	0.00085309	0.00173632	0.00243961	0.00633627	0.00705396	0.00544969
1.7254986	1.76972082	1.75930146	1.63185799	1.6982198	1.66449195	1.61762049	1.70248221
0.01624072	0.01760261	0.01591152	0.01812012	0.01794385	0.01906271	0.01815733	0.01804671
0.0001031	0.00011268	0.00010015	0.00010404	0.00010674	0.00010043	0.00012507	0.00010764
0.02232954	0.02115266	0.0209358	0.02297761	0.0236021	0.0248003	0.0258668	0.02944732
3.0502E-05	3.2915E-05	3.2414E-05	3.742E-05	4.0375E-05	4.3081E-05	4.7757E-05	5.056E-05
0.01456741	0.01821087	0.02263754	0.02477047	0.02734764	0.03023391	0.03384859	0.04119219
5.8412E-05	4.6656E-05	4.5644E-05	3.767E-05	5.4092E-05	4.6983E-05	4.8747E-05	4.4534E-05
0.00010332	0.00010069	9.96E-05	9.2321E-05	9.4642E-05	8.6466E-05	8.16E-05	7.3445E-05
0.00221907	0.00259036	0.00279296	0.00314836	0.00397685	0.0041814	0.00443852	0.00612912
0.04475668	0.04742309	0.04691421	0.04732459	0.04950608	0.05439199	0.05027979	0.05302954
4.1266E-05	3.9813E-05	4.0781E-05	3.9047E-05	2.8762E-05	2.8742E-05	2.515E-05	2.8742E-05
0.00104082	0.00127038	0.00135269	0.00782858	0.00658151	0.00600124	0.0058553	0.00518828
0.00116424	0.00106722	0.00105952	0.00052483		0.00036701	0.00023272	0.00071558
0.008932	0.009933	0.010934	0.011935	0.012936	0.013937	0.014938	0.015939
0.04341923	0.04336063	0.04163727	0.03967061	0.03856339	0.03957839	0.03402823	0.04017258
					0.00016401	0.00015844	0.00015788
0.02938128	0.02976389	0.03110182	0.0314384	0.0314466	0.031245	0.02543543	0.03023683
0.01479856	0.0151822	0.01621914	0.01775802	0.0185318	0.01847944	0.0149562	0.0177236
0.00077848	0.00077848	0.00091786	0.00086559	0.00060426	0.00060426	0.00051071	0.00050472
0.07570605	0.08175781	0.07327939	0.0698475	0.07286084	0.06979788	0.05290837	0.06456529
0.0000784	0.0000784	0.0000784	0.0000784	0.0000784	0.0000784		
0.00950607	0.00904474	0.00936651	0.0092614	0.00920692	0.00793381	0.00735155	0.00731992
0.02576	0.02576	0.02418864	0.02618504	0.0238924	0.02642332	0.02641688	0.02715412
0.00012112	7.534E-05	7.6879E-05	4.4868E-05	4.4868E-05	0.00083625	0.00139545	0.00174238
0.00471169	0.00500496	0.00509622	0.00638632	0.00580579	0.0070082	0.00454411	0.00712372
0.14517823	0.15913423	0.15665674	0.16088746	0.16788526	0.14998247	0.12379924	0.15421373
0.0006468	0.00065133	0.000616	0.000616	0.0006468	0.00094938	0.00279658	0.00300386
0.164152	0.18739196	0.18404918	0.15857908	0.13652305	0.11025056	0.09952245	0.10893795

0.0021336	0.00299656	0.00314496	0.00277368	0.00314944	0.00281064	0.00216658	0.00330893
0.180814	0.13538795	0.10901787	0.09884099	0.08854332	0.07813166	0.06718221	0.05419447
1.01553152	1.28133458	1.57663041	2.00020697	2.49110515	2.57085618	2.84329705	3.39869657
0.00575734	0.00588616	0.00673961	0.00732414	0.00705786	0.00635713	0.00721785	0.00709913
					2.156E-05		
0.01669567	0.01790213	0.01722055	0.01700978	0.01672641	0.01521052	0.01315024	0.01414116
0.29609189	0.29017071	0.29807098	0.30616674	0.30819007	0.27771773	0.24123917	0.25148811
1.9953E-06	2.1259E-06	2.1279E-06	6.3307E-06	1.9127E-06	1.7136E-07	5.04E-09	1.512E-08
0.00823267	0.00961828	0.00891548	0.0099386	0.00960288	0.00701176	0.0087015	0.00849733
0.00748061	0.0080458	0.00819317	0.00796292	0.00688271	0.00742714	0.007602	0.00781197
0.03441396	0.03808811	0.04010645	0.03733556	0.04056135	0.0453017	0.03670172	0.03962633
	0.00000196	0.00000196	2.205E-06	2.3275E-06	2.5113E-06		
0.01715328	0.01771357	0.01675805	0.01715522	0.01628615	0.0166562	0.02642949	0.05732034
0.08273043	0.07502234	0.07552029	0.07756442	0.07982989	0.07073221	0.05713273	0.06876007
0.08317109	0.08234453	0.07917465	0.08162216	0.08308161	0.07777814	0.07129926	0.06453458
0.00078372	0.00323848	0.00381321	0.00377378	0.00386372	0.00385756	0.00350658	0.00629213
0.04186	0.04347	0.04508	0.0470764	0.0470764	0.0470764	0.047334	0.047334
0.00307618	0.0030954	0.00308308	0.00286748	0.00293832	0.00286637	0.00147664	0.00231727
0.0014468	0.00209503	0.0014894	0.001527	0.00143552	0.0012946	0.00122456	0.00115134
0.00370742	0.00394716	0.00602817	0.00587867	0.00654766	0.00589922	0.00545433	0.00584316
0.06467432	0.06538619	0.06326457	0.06020945	0.06371023	0.06879097	0.05939169	0.04987267
0.1173939	0.11963637	0.12699804	0.13025839	0.1357327	0.15841628	0.1781031	0.1968898
5.5944E-08	2.8728E-08						
0.0679616	0.0941729	0.13327914	0.31137713	0.27162185	0.28531648	0.30952789	0.37256643
0.00024024	0.00024024	0.00024024	0.00024024	0.00024024	0.00024024	0.00019219	0.00014414
0.003542	0.0036344	0.003696	0.00350504	0.0035112	0.0033227	0.00348009	0.00351828
0.0015708	0.0015708	0.0015708	0.0015708	0.0015708	0.0015708	0.00162624	0.00168168
0.04070132	0.04196591	0.04855256	0.04956246	0.05193145	0.0486701	0.03616932	0.0432283
0.32462673	0.33241809	0.33949876	0.33755327	0.34728388	0.33218292	0.28324311	0.32828329
0.05666805	0.05840349	0.06016552	0.06311133	0.06657206	0.0599922	0.05749943	0.06380637
0.14701009	0.15478164	0.15590806	0.15718008	0.1673317	0.18227279	0.18717911	0.20331253
0.0072996	0.0080388	0.0088704	0.0096558	0.0104643	0.01126125	0.0120582	0.01285515
0.0390852	0.04255206	0.04601894	0.0494858	0.04272886	0.04601837	0.04579731	0.04393504
0.00264587	0.002737	0.00252422	0.00307632	0.00314407	0.00355022	0.0036064	0.0036064
0.00101533	0.0012936	0.00134456	0.00134848	0.00136416	0.0012446	0.001078	0.0012838
0.0000098	0.0000098	9.8E-06					
0.0654454	0.06496275	0.06138846	0.06201975	0.0547469	0.06114737	0.05222753	0.06223836
0.00217166	0.00251354	0.0033744	0.00338888	0.00537147	0.00545279	0.00189006	0.00403352
							0.006118
	0.0000049	0.0000049	0.0000049	0.0000049	0.0000049	0.00000147	0.00000196
0.06693213	0.05770606	0.06597127	0.06663256	0.07317686	0.08413766	0.11662863	0.12778795
0.00186816	0.00196056	0.00205296	0.00214536	0.00223776	0.00233016	0.00242256	0.00251496
0.1259194	0.1265186	0.12301636	0.09028296	0.09766376	0.09724404	0.09550944	0.09965349
0.11759149	0.12037122	0.10862307	0.10113718	0.10984041	0.17025762	0.10113124	0.11099774
0.06356034	0.07131768	0.023275	0.02715048	0.02921352	0.03781736	0.05397952	0.05461467
				0.02576	0.070518	0.070518	0.118818
0.001764	0.00209115	0.00151416	0.0017444	0.0018424	0.001617	0.0018865	0.0018865

0.0004234	0.00052605	0.00049728	0.00057372	0.00066192	0.00055608	0.00002688	0.00002688
0.00018281	3.5806E-05	3.5806E-05	3.5806E-05	3.5806E-05	3.5806E-05	3.5806E-05	3.5806E-05
0.02421484	0.02926163	0.02109253	0.02422184	0.02553711	0.02334081	0.01634793	0.02035212
0.00665	0.00665	0.00665	0.00665	0.00665	0.006342	0.00175448	0.00177296
0.00285971	0.00345176	0.00329334	0.00281239	0.00356203	0.00258051	0.00198817	0.00302413
0.00017836	0.00020972	0.00019796	0.0002254	0.0001862	0.00016268	0.0002548	0.00011564
0.05471189	0.05937323	0.0641045	0.06310173	0.06612689	0.07162282	0.07301316	0.06888867
0.05007924	0.06074091	0.04738278	0.05061167	0.04824832	0.04450215	0.04171067	0.0430812
0.39791941	0.41054356	0.41345567	0.44201296	0.46176575	0.45389298	0.3577067	0.42536955
0.440186	0.44949237	0.52824895	0.55512487	0.53346972	0.58997962	0.68182435	0.72804479
0.00287973	0.00359899	0.00392251	0.00484751	0.00450412	0.00557008	0.00531272	0.00521161
0.02015096	0.02355132	0.0232635	0.02350006	0.02473551	0.02137367	0.02337411	0.05450991
0.01419589	0.01608723	0.0140576	0.01596235	0.01669693	0.01456484	0.01146181	0.01416688
0.01001306	0.0086501	0.00972931	0.00873722	0.00974347	0.00587192	0.00672193	0.00527878
0.01340046	0.01385401	0.01365922	0.01384563	0.01359978	0.01330325	0.01065902	0.01080024
0.01914864	0.01903608	0.0211806	0.02838865	0.03378379	0.03358604	0.03784191	0.03873377
2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06
0.18326308	0.22014496	0.30235156	0.38740464	0.38210452	0.36618484	0.3937416	0.38204012
3.9207E-05							
0.01207859	0.01243775	0.01145123	0.01408209	0.01377119	0.01431255	0.01250729	0.01510196
0.09344502	0.10620695	0.10330065	0.10222619	0.12698235	0.13236593	0.13175711	0.14380805
0.15107963	0.16983624	0.16404909	0.16476589	0.17244097	0.14640408	0.11703975	0.13800086
0.00000616	0.00000616	0.00000616	0.00000616	0.00000616			
0.66797523	0.68350041	0.578316	0.5539415	0.52909358	0.46334957	0.42630709	0.43962607
0.00091831	0.0010458	0.00110271	0.00103227	0.00109508	0.00115985	0.00120317	0.0012735
0.10182248	0.10304	0.1039948	0.1049496	0.1056888	0.1067976	0.1060584	0.1064896
0.14087836	0.148561	0.1399762	0.15062628	0.17024728	0.14955948	0.10858036	0.15924837
0.00785008	0.00624226	0.00760172	0.00629944	0.00472668	0.00457391	0.00226264	0.00452424
0.00062009	0.00063706	0.00069356	0.00070518	0.00073885	0.00071053	0.00083707	0.00085322
0.00294453	0.0023023	0.00423391	0.00440973	0.00403824	0.00919418	0.01499742	0.02111593
0.00849816	0.01804001	0.012814	0.01560111	0.01999751	0.02672788	0.03308412	0.02933011
6.5908E-05	6.0238E-05	6.4065E-05	5.5669E-05	5.3163E-05	6.9441E-05	0.00010104	0.00011876
0.07194274	0.07892808	0.08400641	0.08700205	0.08992866	0.09132149	0.08689554	0.09137376
0.00695053	0.00749075	0.00754041	0.00658454	0.00585891	0.00454859	0.00462336	0.00473558
0.0057545	0.00578945	0.00574037	0.00518327	0.00512844	0.00497597	0.00538311	0.00527144
0.09403763	0.08676015	0.08752954	0.0811688	0.07904695	0.08100055	0.09729736	0.1000301
0.19035003	0.22003527	0.21488879	0.20101969	0.21570293	0.22355502	0.2166183	0.23089809
0.00595917	0.0062796	0.00824364	0.00858667	0.03197265	0.03041851	0.02704991	0.02781469
0.00029557	0.0003024	0.00030944	0.00032544	0.00034564	0.00036072	0.00045195	0.00049347
0.44807915	0.43691441	0.39953404	0.37719849	0.35841836	0.33367169	0.30592426	0.29259717
0.05334704	0.04941233	0.04626053	0.043073	0.04148175	0.03841781	0.03654799	0.03547512
0.02041469	0.022598	0.02558964	0.03089018	0.02670934	0.03173026	0.02959134	0.0319194
0.00047571	0.00057324	0.00047622	0.00061193	0.00105651	0.00059613	0.00062012	0.00089305
0.07298867	0.06661777	0.05921024	0.0544522	0.0504846	0.04566291	0.04154577	0.03715729
0.01224666	0.0124716	0.0142539	0.01711832	0.0198655	0.02004316	0.02241253	0.02455422
0.00328459	0.00291051	0.00312755	0.00317884	0.00474391	0.00501923	0.00495301	0.00511102
0.04152892	0.05179883	0.06468058	0.07917181	0.10009874	0.16564911	0.21273917	0.24720201
0.03974587	0.04053572	0.04556499	0.04785824	0.04291292	0.04122996	0.04353872	0.04327034
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0.00146123	0.00158921	0.00154376	0.0018173	0.00211607	0.00212608	0.00191765	0.00226878



0.01286369	0.01405907	0.01353324	0.0145045	0.01380825	0.01268118	0.01143349	0.00920393
0.04144119	0.04188613	0.04553886	0.0505874	0.05049318	0.05347794	0.05068888	0.05210072
0.00026617	0.00024557	0.00026728	0.00028584	0.00026745	0.00024981	0.00032914	0.00040552
0.00030929	0.00031498	0.00033435	0.00038489	0.00044704	0.00043597	0.00041503	0.00054739
0.01614027	0.01853032	0.01950226	0.02052719	0.02440691	0.02813101	0.03272026	0.03584414
1.01137564	1.02535479	1.01449937	0.98266247	0.96800499	0.97419839	0.93154788	0.95766822
0.0008237	0.00081803	0.00083622	0.00085285	0.00083491	0.00100508	0.00113071	0.00123493
0.00972217	0.01037687	0.01079992	0.01115746	0.0104746	0.01052184	0.00978249	0.00968507
0.00084096	0.00074793	0.00098147	0.00083292	0.00072549	0.00070142	0.00073384	0.0011046
0.01193079	0.01185918	0.01206344	0.01255686	0.01309332	0.01480756	0.01393837	0.01440831
0.00072146	0.00070238	0.0006972	0.00074509	0.00077215	0.00056686	0.00057199	0.00056535
1.08214157	1.06813401	0.99966009	0.95264515	0.95287883	0.90519156	0.87510874	0.84518247
0.05943184	0.05546883	0.05094527	0.0480621	0.04631779	0.04427396	0.04131496	0.0385608
0.07261619	0.07050305	0.06831342	0.07105919	0.07243145	0.06875784	0.07102028	0.07201013
3.02423448	3.20186532	3.53567513	3.69424245	3.67970493	4.54698668	4.69509057	4.56089012
0.00470624	0.00499495	0.00581624	0.0070476	0.00659586	0.00773791	0.00815119	0.00699241
0.01284601	0.01334277	0.01328562	0.01203889	0.01440601	0.01481497	0.01632398	0.01654112
0.00528656	0.00581276	0.00714382	0.00756266	0.00860682	0.00925492	0.00962938	0.01073247
0.00273625	0.00330233	0.00355884	0.00439367	0.0047953	0.00560499	0.00614879	0.00700864
4.752E-05	6.8845E-05	0.00011292	0.00011678	9.4972E-05	0.00010263	9.1144E-05	0.00011594
0.11253437	0.12811973	0.11958014	0.11324172	0.11388817	0.1224214	0.10633515	0.10687921
0.00036506	0.00039498	0.00038514	0.00046265	0.00031569	0.0003128	0.0004047	0.00046142
0.00102423	0.00110532	0.00173899	0.00190455	0.00223638	0.00215655	0.00218244	0.00223898
0.02041393	0.02147021	0.02082699	0.01951539	0.02029522	0.02011663	0.02155683	0.02205142
0.01144086	0.01184735	0.011347	0.01001699	0.0099262	0.0090386	0.00753895	0.00647051
0.00027249	0.00025428	0.00026395	0.00027272	0.00033083	0.00034803	0.00038568	0.00043744
0.00603957	0.00617524	0.00609558	0.00595065	0.00606341	0.00602819	0.00580512	0.00560458
0.06944177	0.0679386	0.06617275	0.06369588	0.06315991	0.05924794	0.05536943	0.04911594
0.52836181	0.48948254	0.43246035	0.41205658	0.38566442	0.36942348	0.35848788	0.33443985
0.00233415	0.00224785	0.00215886	0.00208452	0.00223834	0.0023974	0.00224297	0.00242204
6.4708E-05	7.3726E-05	7.3056E-05	7.4246E-05	9.4836E-05	8.6799E-05	0.00010375	0.00012324
0.04556124	0.04206079	0.0382463	0.03588067	0.03383693	0.03077401	0.02713758	0.02348554
0.02970163	0.02972158	0.02929148	0.02601135	0.02574963	0.02124607	0.02331693	0.02423132
0.36248955	0.39021128	0.41272655	0.34814519	0.36115363	0.38004132	0.36559103	0.38660205
0.0474475	0.04902177	0.04991118	0.04579761	0.04330238	0.04132086	0.04570713	0.05796354
0.54205063	0.61219558	0.70327219	0.67740062	0.69537352	0.81550846	0.81047222	0.78469045
0.00117873	0.00095294	0.00061441	0.00050654	0.00046457	0.00044828	0.0004914	0.00058242
0.00279895	0.00292169	0.00307206	0.00260082	0.0021517	0.00212609	0.00206769	0.00185059
0.36359445	0.34863232	0.33267532	0.31748679	0.30402851	0.27279626	0.24804586	0.22682942
0.00504614	0.00475474	0.00470056	0.00482576	0.0047863	0.00449212	0.00396053	0.00379321
0.01044271	0.01043628	0.00963547	0.00986887	0.01043839	0.01107022	0.01200144	0.01192127
0.05104815	0.04893564	0.04587888	0.04413225	0.04255053	0.03742379	0.03464313	0.0328952
0.00221847	0.00267134	0.00230775	0.00248406	0.00217553	0.00169904	0.00139862	0.00227538
1.8595E-05	1.9915E-05	2.0084E-05	2.3598E-05	2.398E-05	2.4463E-05	2.9278E-05	3.0275E-05
0.43646658	0.39218925	0.34399647	0.31379576	0.28474539	0.24835016	0.22534763	0.19976518
0.00208299	0.00214587	0.00216831	0.00220202	0.00241106	0.00247949	0.00237468	0.00354004
0.454401	0.40410125	0.34991017	0.32813471	0.30229203	0.26518653	0.23238221	0.2022158
0.01125968	0.01036739	0.01216395	0.01217405	0.01589941	0.01319271	0.01403367	0.01410278
0.02082822	0.02469159	0.02366875	0.02277899	0.02492705	0.02567317	0.03287315	0.03400329
0.00059227	0.00055822	0.00044621	0.00044271	0.00045977	0.00042867	0.00044897	0.00042008
0.00459967	0.0047171	0.00496068	0.00529334	0.00572845	0.00563957	0.00635059	0.00717203

0.00109727	0.00105628	0.00105867	0.00111233	0.00117576	0.00111981	0.00132092	0.00159477
0.00088304	0.00091932	0.00094024	0.00105015	0.00114615	0.00115267	0.00132856	0.00130676
0.00073893	0.00075806	0.00078022	0.00082486	0.00090842	0.00085741	0.0009429	0.00092708
0.00129407	0.00141718	0.00160209	0.00180268	0.00196892	0.00211308	0.00231863	0.00247492
0.10798143	0.10473001	0.10267208	0.10116344	0.1015078	0.09562339	0.09828075	0.08777077
0.00012586	0.00012066	0.00012795	0.00013484	0.0001455	0.00015418	0.00017999	0.00021028
	0.00018716	0.00017099	0.00019412	0.00016451	0.00016401	0.00016299	0.00016524
0.02737607	0.02738911	0.02839605	0.02671632	0.02752327	0.02506845	0.02943711	0.02861556
0.00033556	0.00032532	0.00031958	0.00028723	0.00032874	0.00033795	0.00051407	0.00052492
0.00304399	0.00314971	0.00296648	0.00257559	0.00274532	0.00276695	0.00315791	0.00323131
0.04553901	0.03408006	0.03970875	0.03504856	0.03397763	0.0319661	0.03764526	0.03360451
0.01226219	0.01274098	0.01078714	0.00909553	0.01398509	0.0133314	0.01403041	0.0138335
0.01797305	0.01727344	0.01714927	0.01804945	0.01908724	0.01948011	0.01904231	0.01694677
0.00418079	0.00405173	0.00392042	0.00348032	0.00400405	0.00364257	0.00417424	0.00465308
0.04212444	0.04024158	0.0391508	0.0385684	0.03710243	0.03459793	0.03218011	0.02676742
0.5657137	0.63248155	0.70557953	0.67572263	0.64231804	0.67314586	0.68319791	0.70331376
1.20924497	1.24186045	1.36773959	1.26311677	1.19985335	1.26536623	1.42184394	1.54403053
0.03857417	0.03699504	0.03573286	0.03698969	0.03426487	0.03001087	0.02512854	0.02128217
0.44340414	0.45651514	0.53206941	0.56818936	0.64877126	0.83634685	1.24562276	1.745717
0.10343361	0.1035223	0.108986	0.09806517	0.08125045	0.08273272	0.08556722	0.09554988
0.00297241	0.00280888	0.00264806	0.00290779	0.0028948	0.00264601	0.00244759	0.00228101
0.06219641	0.05772365	0.05679824	0.04983268	0.05022831	0.05165588	0.05019418	0.05306362
0.69411534	0.62238038	0.54995631	0.51436639	0.47642986	0.44434471	0.42101739	0.40357189
0.01421025	0.01470101	0.01489832	0.01321136	0.01243261	0.01194923	0.01198215	0.01106532
0.01869095	0.01817413	0.01877831	0.01680516	0.01883186	0.01639066	0.01871483	0.0190296
1.07240043	1.02765395	0.98669422	0.94627556	0.88961818	0.83735872	0.81142481	0.78711282
0.07168346	0.0777085	0.07509985	0.08284696	0.09327196	0.10663191	0.09322717	0.09394236
0.01482442	0.01547715	0.01620447	0.01752152	0.01802519	0.01879145	0.02368709	0.02952311
0.00771362	0.00945587	0.00882472	0.00941014	0.01396137	0.01488052	0.0165358	0.01392511
0.00726415	0.00745372	0.00836047	0.00886981	0.01291994	0.01462465	0.01557161	0.01808818
6.8896E-05	6.4162E-05	8.5554E-05	9.1788E-05	8.1164E-05	9.534E-05	8.0243E-05	8.5382E-05
0.00010872	0.00011901	0.00010931	0.00011509	0.0001234	0.00012579	0.00015366	0.000175
0.32834491	0.31365036	0.30617034	0.29921629	0.30049819	0.29144281	0.29080032	0.28258995
0.04708414	0.04602954	0.04679938	0.04417679	0.04270354	0.04187425	0.04440698	0.04801023
0.0055421	0.00604647	0.00662145	0.00699593	0.00700399	0.00751685	0.00724726	0.00704984
0.03019499	0.02778714	0.02690265	0.0226139	0.01630555	0.02177403	0.0248721	0.02410454
0.0013752	0.00148197	0.00175918	0.00186855	0.00179685	0.00153753	0.00150748	0.00226885
0.36674877	0.41729769	0.47065448	0.41240665	0.34530074	0.40798807	0.39750732	0.38397966
0.00020465	0.00019949	0.00020683	0.00021209	0.00022262	0.00023327	0.00027305	0.00032228
0.05045986	0.05037017	0.06399385	0.05380579	0.04634814	0.04121062	0.03991295	0.04866633
0.00109633	0.00114575	0.00115772	0.001184	0.00158902	0.00128648	0.00156758	0.0015486
0.02740996	0.0300536	0.03140251	0.03123745	0.03201448	0.02814528	0.02272717	0.01986945
0.0137344	0.01367025	0.01249411	0.01092757	0.01011887	0.0093633	0.00801852	0.00736237
0.01369798	0.01393314	0.01387585	0.01460507	0.01502097	0.01299855	0.01048422	0.00973238
0.00466381	0.00484603	0.00544181	0.00520571	0.00479128	0.00396046	0.00407497	0.0033743
0.08795691	0.09463595	0.10044301	0.09117878	0.08839946	0.09936612	0.09906479	0.09936146
0.00819466	0.00861966	0.00815721	0.00784226	0.00847217	0.00935707	0.00889612	0.00939718
0.0042556	0.00429034	0.00396853	0.00363694	0.00394072	0.00390239	0.0039006	0.00398228
0.00252889	0.00283784	0.00315071	0.00324923	0.00281554	0.00305185	0.00304784	0.00367824
0.85797262	0.8866195	0.91458409	0.95226732	0.98873345	1.02113653	0.98249416	0.9694929
0.00539553	0.00546908	0.00543742	0.00546309	0.00640114	0.00644707	0.00632946	0.00603385

0.0024407	0.00250208	0.0026077	0.00317098	0.00393174	0.00453522	0.00607355	0.00581786
0.00191487	0.00170108	0.00185266	0.0017797	0.00175775	0.00196251	0.00160891	0.00161199
0.02265246	0.0250867	0.02893588	0.0283273	0.02979458	0.02406523	0.02270278	0.02531567
0.01412564	0.01398852	0.01341516	0.01391666	0.01568611	0.01471569	0.01172744	0.0095355
0.00484584	0.00481241	0.00494451	0.00493232	0.00648305	0.00642751	0.0069874	0.00903202
0.0035992	0.00385357	0.00402902	0.00404376	0.00476272	0.0056877	0.00592785	0.00552742
0.00116025	0.00114716	0.00113434	0.0011468	0.00120572	0.00123667	0.00147596	0.00166292
0.00440838	0.0045048	0.0046345	0.00453047	0.00474144	0.00485326	0.0053293	0.00561055
0.00192609	0.00201943	0.00180842	0.00196797	0.00199098	0.00233844	0.00218564	0.00263129
0.3551759	0.39439706	0.43135493	0.40033314	0.39550382	0.40258778	0.36416804	0.37325858
0.00947505	0.01015721	0.01327142	0.01087998	0.01097681	0.01110249	0.0128469	0.01326409
0.00277798	0.00232793	0.0027181	0.00256352	0.00270883	0.00283225	0.00275936	0.00302867
0.00304668	0.00305276	0.00298311	0.00304642	0.00357182	0.00351947	0.00463621	0.00536564
0.24970487	0.25097643	0.24450056	0.2238616	0.22412152	0.25229383	0.25425851	0.29962427
0.00741792	0.00742939	0.00728272	0.00665123	0.00681234	0.00643506	0.00681211	0.00686157
0.14408877	0.13667665	0.12799964	0.12389827	0.113925	0.10979306	0.10455637	0.09943678
0.04249611	0.04035848	0.03750553	0.0361196	0.03425452	0.03140955	0.02885636	0.03142283
0.00784927	0.00804393	0.00853253	0.00868651	0.00699776	0.00894037	0.01118537	0.01271524
0.10569584	0.10733117	0.10435683	0.10405327	0.10485223	0.10225045	0.09929026	0.09711254
0.02149236	0.02074735	0.02271016	0.02236287	0.02588807	0.02843387	0.02934889	0.03186382
0.31076558	0.37282283	0.44411096	0.51534802	0.59564803	0.67965324	0.74834807	0.78835834
0.01395321	0.01479204	0.0144653	0.01361929	0.01355193	0.01426052	0.01652741	0.01727173
0.04486834	0.04931997	0.04655175	0.04448341	0.04593154	0.05440523	0.06776483	0.07485665
0.16959131	0.17879366	0.18156031	0.16799337	0.15381712	0.14645329	0.14230945	0.13853501
0.00244325	0.00190484	0.00220498	0.00214557	0.00152036	0.00203998	0.00361047	0.00356984
0.00804874	0.00874758	0.01003731	0.00994408	0.01016262	0.00919839	0.0096594	0.00953501
0.19556022	0.21886781	0.23173328	0.24414998	0.24758676	0.2426395	0.23375201	0.23247008
0.01628892	0.01662766	0.01606604	0.01424753	0.01401267	0.01287087	0.01406299	0.0131852
0.01195876	0.01247766	0.01112293	0.00840045	0.00891915	0.00894566	0.00903821	0.00874975
0.06532541	0.05990951	0.0529969	0.04828855	0.04540276	0.04158801	0.0393198	0.03511274
0.01368285	0.01333618	0.01239201	0.0121371	0.01153582	0.01299373	0.01533688	0.01762713
0.00144118	0.0012223	0.0013075	0.00122852	0.00124966	0.00134786	0.00129244	0.00138501
0.01665826	0.01672538	0.01912639	0.01925286	0.01906072	0.02415852	0.02545031	0.02623655
0.0059696	0.00656777	0.00633661	0.00609819	0.00600907	0.00652711	0.00719996	0.00756249
0.04064577	0.04572112	0.03918473	0.03411174	0.03520049	0.03617122	0.03613644	0.02795141
0.9783388	1.02221902	0.96775009	1.0078248	1.01052587	1.07098124	1.047338	1.06094254
0.00224266	0.00217273	0.00238232	0.00233559	0.00217025	0.00214321	0.00227256	0.00226223
0.32773715	0.31869094	0.32383402	0.3047519	0.32073113	0.32598081	0.34125952	0.35190042
0.02999518	0.0504458	0.05577118	0.05565796	0.03275293	0.05480047	0.05354379	0.0461805
0.02117436	0.02218832	0.02546876	0.02949818	0.03298609	0.03874633	0.04164958	0.04708736
1.28376643	1.4107947	1.45930932	1.55399003	1.64517067	1.64680629	1.5681251	1.68699299
0.00555498	0.00589719	0.00578403	0.00593349	0.00709867	0.00795883	0.00778587	0.00819316
0.03940324	0.04145208	0.04528502	0.04711106	0.04414983	0.04530046	0.04276848	0.04008042
3.6419E-05	4.2904E-05	4.3447E-05	3.4514E-05	4.1803E-05	4.2564E-05	4.5045E-05	4.8879E-05
0.00042856	0.00039622	0.00041488	0.0004157	0.00042636	0.00045603	0.00045334	0.00050135
0.00151322	0.00149496	0.0013863	0.00174844	0.00168629	0.00160027	0.00171337	0.00175298
0.01451676	0.01578359	0.01633177	0.01389499	0.01456635	0.01321994	0.01462337	0.01416293
0.00206238	0.00204376	0.00209364	0.00217775	0.00228391	0.00219314	0.00231025	0.00227439
4.1733E-05	3.6723E-05	3.6684E-05	3.7457E-05	3.6883E-05	3.5197E-05	3.7294E-05	4.1087E-05
0.00020546	0.00023407	0.00025511	0.00027383	0.00029143	0.00031048	0.00035264	0.00036847
0.00220072	0.00237407	0.00244771	0.00241496	0.00231565	0.00251814	0.00278157	0.00297186

0.0158839	0.01424023	0.01443043	0.01308269	0.0128591	0.0128347	0.01055501	0.01019281
0.01729319	0.01499769	0.01398882	0.01329098	0.01284421	0.0131432	0.0111531	0.01049055
0.08972887	0.08205241	0.07174467	0.06822057	0.06433522	0.06736356	0.06363815	0.05941156
0.00319514	0.00326423	0.00343509	0.0033146	0.003444	0.0032624	0.00398284	0.00414461
0.00216285	0.00301949	0.00276529	0.00302971	0.00259276	0.00274089	0.00314667	0.00273945
0.03128836	0.03341717	0.04041873	0.03931873	0.04191344	0.04082947	0.03834801	0.03870579
5.0234E-05	5.1095E-05	6.0621E-05	7.1004E-05	8.4701E-05	9.2008E-05	0.00011107	0.00012996
0.00061044	0.00063726	0.0006964	0.00072969	0.00083961	0.00085591	0.00099041	0.00105391
0.0046727	0.00463834	0.00471229	0.00383244	0.00461664	0.0070221	0.01220648	0.00982156
0.34646894	0.3695594	0.35853741	0.32977545	0.34350467	0.34332899	0.35753575	0.36520771
0.00102423	0.0013587	0.00163171	0.00198338	0.00343758	0.00301103	0.00282137	0.00289795
0.03824486	0.03889779	0.03782867	0.03673233	0.03894696	0.03906403	0.03813743	0.04184773
0.00036021	0.00036438	0.00043884	0.00043806	0.00043159	0.00049557	0.00050643	0.00059922
0.00019379	0.00015486	0.00016849	0.00018486	0.00015061	0.00017204	0.0001812	0.0001768
0.01046776	0.01129764	0.01129426	0.01243817	0.01292201	0.01338525	0.01453451	0.01424956
0.07798416	0.08294756	0.08904502	0.07577169	0.06974049	0.06969111	0.06938943	0.06987713
0.1503467	0.1557114	0.16568241	0.18399804	0.21576063	0.22102411	0.23634371	0.23615123
0.47914901	0.46775748	0.48501566	0.44023483	0.39424704	0.33228258	0.30475039	0.27852434
0.01079887	0.01138743	0.01267363	0.01305864	0.01364449	0.0148191	0.01484157	0.01804648
0.00678056	0.00648852	0.00636384	0.00703782	0.00718119	0.00897853	0.01045552	0.00641675
0.16478016	0.1729086	0.17535374	0.17414434	0.21188649	0.20257123	0.1793916	0.17485186
0.00971059	0.01029594	0.01037314	0.01015642	0.01064327	0.01076058	0.01272181	0.01356739
10.5388151	10.0370856	9.3453949	8.5870828	7.88837509	6.85874831	6.14238128	5.88402681
0.05796604	0.05836377	0.05855611	0.06040816	0.0647133	0.06065305	0.05744676	0.05725195
0.00010803	0.00011662	0.00011839	0.00012074	0.00012544	0.00012691	0.0002103	0.00017133
0.24937583	0.25009274	0.29090177	0.28235	0.29783133	0.30569171	0.31575141	0.30088231
6.227E-05	6.4695E-05	6.7062E-05	7.4445E-05	7.843E-05	8.5867E-05	0.00010763	0.00012494
0.11667735	0.14521122	0.15438156	0.15907771	0.16339985	0.17385428	0.18959944	0.19952996
0.00017274	0.00012056	0.00012348	0.00011096	0.00017233	0.00017854	0.00019939	0.00021648
0.00033081	0.00029172	0.00030284	0.00030371	0.0003141	0.00033963	0.00034383	0.00036853
0.03049253	0.03170702	0.03115774	0.02603246	0.02456708	0.0240849	0.03073908	0.0268277
0.31919283	0.33183594	0.34164704	0.3322362	0.33602979	0.31764579	0.30879882	0.30292908
0.00582501	0.00625294	0.0067341	0.00700288	0.00532453	0.00565721	0.00684632	0.00723069
0.00872905	0.00829977	0.00756438	0.00722166	0.00708753	0.00591613	0.00649902	0.00773285
0.01612389	0.01635432	0.01639655	0.01638365	0.01632801	0.01619673	0.01581382	0.01557806
0.93569151	0.97905763	1.02826463	1.06640683	1.11542533	1.1526416	1.21803098	1.282063
1.15384864	5.05509639	5.00322228	1.42894415	1.55520196	1.70584721	1.80303626	1.90578167
0.00202574	0.00207944	0.00213173	0.0021703	0.00220972	0.00247596	0.00228516	0.00232282
0.35597014	0.36340783	0.37052025	0.38030376	0.38999086	0.39394855	0.40485494	0.41355791
0.03179686	0.0317631	0.03197097	0.03250416	0.03330564	0.04508576	0.0350269	0.03573203
2.53866004	2.77319524	3.03823884	3.44753516	3.89874125	4.37938187	4.77838795	5.15723565
13.6138364	14.1325549	12.7243613	13.1140285	10.1215149	8.97223583	8.75249509	8.78920392
0.53119974	0.53855434	0.54683574	0.55919662	0.40096606	0.41641248	0.40507148	0.40247575
0.04241857	0.04223685	0.0420818	0.04233801	0.04240847	0.04369451	0.04030398	0.03898396
14.8555041	14.3527189	14.1993986	13.9638032	14.2995285	14.7902766	14.6845862	15.0417611
4.16104581	3.27614863	3.17341382	3.02638359	2.76082843	2.68542479	2.571459	2.50225665
1.89883809	1.94780378	2.0458434	2.16895401	2.27194303	2.34107536	2.41645768	2.46771217
0.47594347	0.49368582	0.51153955	0.53193528	0.55184189	0.6081714	0.59650329	0.61960092
3.25565975	3.31529188	3.13488732	2.92964654	2.7929126	2.80173921	2.78576413	2.60225047
0.71699703	0.7415939	0.76511421	0.78780788	0.81320105	0.83871639	0.86296851	0.88770541
1.06266489	1.09562728	1.13616307	1.18589828	1.23652654	1.29229562	1.34396106	1.40097757

8.38826046	8.59087165	8.75362698	8.95924028	9.1752595	9.42013525	9.58856023	9.77585916
6.35285207	6.33386735	6.29936148	6.38729601	6.33372319	6.21059031	6.21291778	6.09649631
0.52141722	0.5316038	0.54826461	0.59422738	0.61209391	0.65328444	0.6898535	0.7127389
0.22602792	0.23038518	0.23556027	0.24072358	0.24543386	0.25543461	0.25052186	0.25462046
0.69273452	0.70222346	0.71422566	0.72478784	0.72372519	0.76047716	0.76900913	0.79123298
3.10331747	3.70834303	3.01011052	3.19908768	3.14148904	4.08264108	4.33244965	4.65424224
0.17462015	0.18048327	0.18317637	0.18884701	0.19149276	0.19397636	0.19870735	0.20290475
0.01952019	0.01961338	0.01965506	0.01977999	0.01982417	0.01980292	0.01959046	0.01945079
0.5040354	0.52421269	0.53687024	0.51604541	0.53904473	0.54397185	0.56652791	0.57990522
95.0147433	98.2184627	92.7897168	96.8732748	96.3760042	94.0680322	96.132725	100.295439
0.11791119	0.11778255	0.11861722	0.1188775	0.11900626	0.13407359	0.11721953	0.11611751
0.07453021	0.07612182	0.07754002	0.07951298	0.08103796	0.08733213	0.08344885	0.08519328
0.05869143	0.06293697	0.0674577	0.07148556	0.07690507	0.08103401	0.08529799	0.0905289
0.23396726	0.24085562	0.24791594	0.2582065	0.27066152	0.2809597	0.28983059	0.30351661
0.27453077	0.28312085	0.28845862	0.29701598	0.30653255	0.31095831	0.32540995	0.33470195
21.1435273	22.0794118	21.4354978	22.5139278	22.2619683	20.6768201	19.1716501	18.877782
0.57778922	0.59367939	0.57952024	0.57253143	0.5546446	0.55479697	0.21990389	0.22831095
9.86594426	10.6972337	10.6111746	11.0610305	11.4747726	12.3135294	11.4085144	9.51533494
160.719393	166.686666	173.506431	184.832862	195.611373	201.193715	207.819263	221.843417
1.70974968	1.73031916	1.75946908	1.81623613	1.58580807	1.49238493	1.55927958	1.61431771
1.45808587	1.52902737	1.59023425	1.65427844	1.72899002	1.80329528	1.87139659	1.94620244
4.84468161	5.07665303	5.31643213	5.55865915	5.82653883	6.08598796	6.3589159	6.68082576
0.37761216	0.39108073	0.40752431	0.4262582	0.44116891	0.46115997	0.48389612	0.50660434
0.00465387	0.004814	0.00498155	0.00498908	0.00498465	0.00513381	0.00495581	0.00494095
13.835081	14.2226901	14.5930363	14.997438	15.4268187	15.6504327	16.0807813	16.4397004
0.08954512	0.09149529	0.09366076	0.09601869	0.09804078	0.10077096	0.10352064	0.10645428
0.03583046	0.03739161	0.03882176	0.04028983	0.04218665	0.0436883	0.0446475	0.04575711
1.62468459	1.68811652	1.33776855	1.2622299	1.36839946	1.41553923	1.466513	1.52393726
3.82142147	3.88758236	3.8942752	4.00413084	4.07299539	4.14763421	4.13401992	4.06005502
0.01313572	0.01345358	0.01388054	0.01431813	0.01474207	0.02239658	0.01527102	0.01549529
0.23761521	0.23962327	0.24157831	0.24639175	0.24993423	0.2556421	0.26067794	0.6614467
4.76124251	4.70175567	4.75292428	4.7439757	4.71431285	4.87279821	5.01054954	5.14740193
29.6787357	28.0328261	26.3177541	24.5820215	23.1324916	21.8121024	20.32257	18.9065189
0.27832961	0.2847386	0.29280994	0.30904663	0.31880385	0.34659099	0.31232352	0.30389061
0.02192667	0.022249	0.02245629	0.02281123	0.02324999	0.02372087	0.02387062	0.02407245
1.5705289	1.38975864	1.36735604	1.41934928	1.39838141	1.34580973	1.30845365	1.30729253
2.02591547	2.10501773	2.20535733	2.33172194	2.45291215	2.57434235	2.64853313	2.77260656
9.19773331	9.52668774	9.89074155	10.193888	10.5537153	10.8963976	11.2569441	11.6883436
3.25221343	3.37208873	3.4622975	3.55744474	3.64945066	3.31663531	3.38012931	3.45962294
8.84299802	8.86042244	8.91867738	9.23908735	8.8088543	9.0133839	9.29930991	9.82628947
0.40975162	0.42413044	0.43859712	0.45041302	0.46245484	0.46448054	0.47767455	0.48916648
0.12011894	0.12821677	0.13578673	0.13916478	0.14132835	0.14844919	0.14548229	0.1473797
14.4761755	14.3469255	14.7296747	15.2181018	15.6260624	16.2230689	18.3522717	17.4192116
1.44142851	1.44630725	1.37778229	1.12300754	1.26206009	1.47181836	1.4101624	1.58839288
6.40988417	6.63875055	6.87681104	7.11546085	7.35924901	7.58369679	7.87819493	8.16732514
5.51290628	5.40206014	4.89101211	5.30734429	5.12918663	4.75857893	4.28952616	4.5660988
0.30024868	0.3061914	0.3092981	0.31552787	0.31803605	0.32383992	0.32418555	0.33030094
0.00065573	0.000659	0.00065902	0.0006626	0.00066678	0.00078919	0.0006725	0.00067631
24.4062875	24.2723781	23.9733264	23.5486284	23.3465328	23.2741841	22.7021853	22.9079201
0.01985672	0.01989179	0.01992547	0.01994672	0.01996816	0.01990888	0.02000756	0.02003121
0.14495346	0.14911263	0.15386123	0.15764473	0.16298185	0.18529556	0.17222715	0.17887331

40.4444813	37.3228232	32.959722	28.7915774	25.2152968	21.2685449	19.4065949	14.8937838
1.56712682	1.58330729	1.60937234	1.64304879	1.68674623	1.43483234	1.43794834	1.4501379
1.51738843	1.55434294	1.5923519	1.63238977	1.67189254	1.72876326	1.75730772	1.80049924
0.01154181	0.01163252	0.01170886	0.01182455	0.01196034	0.01201474	0.01199329	0.01209127
1.16360627	1.19411095	1.23003912	1.25984337	1.3017979	1.43449574	1.37326507	1.41611837
0.07225356	0.07335197	0.0736486	0.0737577	0.06876918	0.0692941	0.06994602	0.07133528
0.13573399	0.14152276	0.14590999	0.15141282	0.15782463	0.16340378	0.17152174	0.17891803
0.16811767	0.1727308	0.17815312	0.18361786	0.18954869	0.20435668	0.20247107	0.20994733
0.17825804	0.18796377	0.19729278	0.20737484	0.21309987	0.2188913	0.22566293	0.23020172
5.1122205	5.21369902	5.60495852	5.87731876	5.76650626	5.88866848	5.54815946	5.2404098
0.02890673	0.02899652	0.02973833	0.02971154	0.03005127	0.03007699	0.02988831	0.02988572
0.05099125	0.05117654	0.05136085	0.05139523	0.05142859	0.05128418	0.05149308	0.05161281
3.83918527	3.97943586	4.09848897	4.27447236	4.38184697	4.5118799	4.64091718	4.82828199
0.02696395	0.02833078	0.0296376	0.03103636	0.03186551	0.03265197	0.03744854	0.03672416
0.38629203	0.38736574	0.37805328	0.37958033	0.38310006	0.37842533	0.3797509	0.3795713
3.74990325	3.80580821	3.86234443	3.92030787	3.97738553	4.01088469	4.01841356	4.07266284
1.58684879	1.65585357	1.72557529	1.80169035	1.88822793	1.94781378	2.00982949	2.08580127
1.04094602	1.28653546	1.10303591	1.24461112	1.48158656	1.45425075	1.56603919	1.43700269
0.76314029	0.77486724	0.79198605	0.80940063	0.82833834	0.83910322	0.86450563	0.87436467
4.60239316	4.49462364	4.83725336	4.8842477	4.76972112	4.47719632	4.1858105	3.8663885
30.4579418	31.159821	32.0199019	31.4849579	34.486264	35.3503537	35.2907194	37.0003794
87.5347909	89.7851881	91.6099714	93.7157542	95.7714004	96.8397118	97.9647712	100.233583
4.042776	3.1783228	2.68362891	2.91860536	1.83697487	1.37960943	0.90359665	0.94125271
7.8647533	8.02913969	8.36677934	9.45518469	9.77394855	10.0573233	10.4125993	11.0368982
5.4520452	6.00285789	6.24899704	6.4809616	6.65215106	6.89519558	7.10925028	7.39155863
0.26539965	0.27303662	0.32586624	0.3212147	0.29613778	0.29904334	0.27571127	0.2678945
4.86891799	4.98340372	4.7714342	4.92097686	5.08142552	4.91774563	5.07272333	5.21117482
24.9293642	23.3675193	23.281201	22.3076094	21.6362577	20.3910553	20.2393576	19.9333131
0.24922397	0.25281385	0.25085888	0.25382191	0.25700713	0.25669336	0.25555974	0.2550216
1.94568381	2.0177557	2.11247213	2.23595182	2.38162753	2.6746861	2.70945757	2.87060421
12.8786283	12.5513055	12.2698316	12.0321708	12.0892478	10.3788957	10.3354745	10.3883979
3.13204662	3.06461575	3.2380081	3.18180638	3.71676463	3.81780956	4.08768708	4.14825727
1.51770857	1.60723694	1.65801686	1.71205702	1.77999949	1.83495656	1.7764169	1.84542076
1.57766653	1.59224837	1.5727065	1.3079979	1.29686168	1.32189858	1.34556652	1.36893353
0.691837	0.71535166	0.74312379	0.76945407	0.7945703	0.81091544	0.83578926	0.8580982
0.01313501	0.01332079	0.01365531	0.01394671	0.01430316	0.01452171	0.01492463	0.01521559
0.02533584	0.02597972	0.02555878	0.02527076	0.02540658	0.02573749	0.02577621	0.02580478
13.1433141	13.3577727	13.531112	13.8205825	13.7945022	10.836907	11.4194147	11.5942667
4.79905885	4.9571316	5.18920092	5.45748685	5.73801776	6.04502582	6.30290978	6.6392642
0.24408019	0.25191039	0.25992772	0.26944986	0.27919362	0.28597795	0.3002291	0.31144032
1.76349549	1.8551373	1.91930436	1.95981292	2.01145277	2.06400537	2.13698736	2.22797547
0.24272953	0.24609485	0.25626132	0.27048043	0.28790998	0.30246984	0.32123423	0.33766677
2.37394454	2.42555796	2.50488618	2.56019391	2.60077289	2.61579231	2.68350612	2.72976786
0.03529001	0.03451163	0.03331247	0.03246621	0.03148516	0.03039468	0.02934192	0.02813242
3.22554024	3.28298904	3.34400566	3.41234819	3.47865557	3.53845519	3.58124479	3.65028748
0.10163523	0.10432102	0.10728504	0.1099246	0.11253586	0.11388676	0.11793346	0.12160847
1.27799031	1.25362874	1.2593016	1.26323354	1.37606863	1.50418317	1.44265561	1.46885721
0.11548161	0.10751164	0.10387845	0.11141668	0.11119328	0.10350714	0.10337568	0.12457287
0.41988987	0.51254221	0.62892846	0.72468694	0.83150212	0.62979245	0.66709358	0.66283871
0.02390642	0.02471085	0.02514818	0.02600926	0.02684433	0.02746033	0.02829641	0.02947794
11.2089112	11.5392826	11.8499693	12.3074692	12.7819242	13.0198234	13.4408372	13.8920766

0.78746804	0.79418526	0.80146208	0.80747616	0.80670996	0.80112834	0.80176486	0.81160117
0.97482893	1.02439049	1.07616222	1.1312125	1.1978771	1.26614121	1.30892562	1.35768547
0.05333459	0.05764244	0.05993392	0.06540916	0.06963034	0.07390299	0.07664834	0.08114241
44.909343	45.9367931	46.9032524	48.0934713	47.5615368	46.7206805	47.5250272	48.7254426
0.53734426	0.53458057	0.53969142	0.53932605	0.5432085	0.54630113	0.54599087	0.563687
0.57530688	0.59951171	0.62832986	0.65709068	0.68667619	0.70945115	0.75351147	0.78999285
0.07319506	0.07463175	0.08555129	0.09996858	0.11019892	0.11763594	0.13384432	0.14237002
2.31461777	2.38331673	2.46025825	2.52834373	2.59559408	2.66051137	2.73377151	2.81990275
0.27332585	0.28739564	0.29694337	0.30610821	0.31927251	0.33442287	0.34715166	0.35384821
0.81929354	0.85131701	0.88934441	0.92406215	0.96197733	0.98832082	1.04429848	1.09139967
0.38827056	0.40376836	0.42141838	0.44507755	0.46214553	0.47514482	0.49199084	0.51147373
0.05907963	0.05904926	0.05893814	0.05942153	0.05872078	0.05862999	0.05897003	0.05877052
0.45642484	0.46223989	0.46167607	0.46499438	0.4661463	0.47122393	0.47468583	0.47721485
0.5585223	0.57563958	0.59514484	0.61625246	0.64407703	0.66591909	0.70138337	0.72823523
7.38126016	7.63191325	7.96258909	8.27819487	8.47139008	8.54370086	8.83331379	9.10028044
0.17318449	0.17892802	0.18385121	0.18910246	0.19500937	0.19889697	0.2055677	0.21254606
0.03399593	0.03497808	0.03595078	0.03706109	0.03825779	0.03866565	0.04025747	0.04145029
0.56006769	0.57895237	0.60731285	0.62913421	0.64940903	0.67410831	0.69573647	0.72256524
13.8414631	14.4716849	15.023479	15.6719773	16.3730941	17.0105445	17.9419017	18.8072734
0.87630675	0.89951415	0.92003589	0.94898755	0.97197253	0.98986466	1.0048255	1.02607599
9.43044466	9.06850681	7.38385184	7.21709141	6.7760844	6.31785797	6.0702513	5.70624519
2.25607503	2.26252912	2.13916743	2.21776809	2.19062219	2.16397494	2.08208887	2.10922138
1.67357654	1.63913349	1.65942394	1.67640109	1.69475173	1.69558229	1.73390631	1.74776887
4.89993335	4.9810641	5.01330721	4.96091938	4.96292626	4.84580201	4.87046481	4.76645194
0.61768901	0.62863527	0.75385731	0.90275307	1.01015102	1.15397023	1.22988458	1.43985873
12.2546373	12.5888332	13.0011489	13.458313	13.9295394	14.2872987	14.7150812	15.1028712
0.78960656	0.81796408	0.84663877	0.88021022	0.9186716	0.95441729	0.9780139	1.00946748
6.38186359	6.51949988	6.69689751	6.92262097	7.16769786	5.48515642	5.63211088	5.80153564
6.91522268	7.10597657	7.26667272	7.39225206	7.5572635	7.70098278	7.79064058	7.86590311
0.00333881	0.00337123	0.00340649	0.00342552	0.00345577	0.00344624	0.00345682	0.00348417
0.5249015	0.53777836	0.55191463	0.5661608	0.58214662	0.59254182	0.61049212	0.62447632
13.2801878	13.1923651	13.0449983	13.3461683	13.4173762	12.639087	11.8096236	11.382639
1.16556939	1.17721099	1.17063037	1.16449501	1.15911104	1.14032635	1.14499402	1.14037043
3.7862564	3.81530379	3.84235202	3.87841921	3.89552755	3.86951487	3.94673102	3.91042661
5.82188416	5.43078024	4.92392572	5.27025605	5.06707803	4.48138445	4.25520602	4.33560983
0.3690014	0.37669969	0.39021364	0.40473395	0.41220654	0.39905823	0.42707022	0.45105501
0.03490029	0.03571561	0.03649167	0.03735042	0.03824164	0.03818567	0.03960054	0.04039584
0.93980739	1.0747866	1.2631496	1.33962862	1.44774477	1.6037154	1.74060749	1.90767116
0.07996398	0.08150303	0.08243923	0.08388363	0.07469626	0.07559741	0.07799756	0.08078386
4.98755488	5.23584582	5.27885186	5.56706417	5.76142102	5.93383352	5.57573457	6.09802198
74.8581669	77.3015414	79.1616594	82.0385033	84.4612283	86.8292675	89.1688217	92.3548924
0.53111952	0.54614403	0.5649942	0.58594433	0.60710751	0.62715738	0.65507055	0.67949332
14.2776256	15.1120245	16.0902534	16.7600952	17.3679379	18.1267421	19.4770874	21.4153347
2.00956274	1.78296013	1.792565	1.76811719	1.78921972	1.76797941	1.76472196	1.77925672
4.89547663	5.05324016	5.23674007	5.44874969	5.69070054	5.8866503	6.09171715	6.26649031
0.97489056	0.99590609	1.01871104	1.04734214	1.07755028	1.11037575	1.14189556	1.17708272
2.05252666	2.26848069	2.33756499	2.40809749	2.51179294	2.40720421	2.45241805	2.84617327
0.00048781	0.00046591	0.00044574	0.00044082	0.00043613	0.00043324	0.00043163	0.00043104
0.09724855	0.10097484	0.10485988	0.10937192	0.11418115	0.11886322	0.12200428	0.12685509
0.38594466	0.40592199	0.42388419	0.44008386	0.45701907	0.46830003	0.48599216	0.50104426
1.42099879	1.44480762	1.47378184	1.50839287	1.37023287	1.0844493	1.10241212	1.12347303

1.32823073	1.37390626	1.42082236	1.46980134	1.51030625	1.55681411	1.61977696	1.67703058
0.0051978	0.00519647	0.00519506	0.00519718	0.00519923	0.00518474	0.00520384	0.00520575
0.01142615	0.01195312	0.01256808	0.01325461	0.01385283	0.01443914	0.01518903	0.01592385
0.18313779	0.18784479	0.19157163	0.19523178	0.19896474	0.20160427	0.20459395	0.20801111
3.38446849	3.41685607	3.50102732	3.69994751	3.8497118	3.80390605	3.85464628	3.6579848
1.01213408	0.98791879	0.9885393	1.01848637	0.84372669	0.91711794	0.88232294	0.70025317
5.77247021	6.03434456	4.51691599	4.6876594	4.48309845	4.22179348	4.22730545	3.83160448
0.35371059	0.36800254	0.35789602	0.34022502	0.35581719	0.31798057	0.2632059	0.14392219
0.04177238	0.04233203	0.04364821	0.04509634	0.04653963	0.04690584	0.04738262	0.04833888
3.09542546	3.46867655	4.00014006	4.17142062	4.39402928	4.61864419	4.74114362	4.93443305
0.00352325	0.00641331	0.00734711	0.00719122	0.00738886	0.00845076	0.00840132	0.00802937
0.88971755	0.9442095	0.99141291	1.02608976	1.06141758	1.09178218	1.13595899	1.18470744
0.46464397	0.47487314	0.48460795	0.50074751	0.51643526	0.53383631	0.55383434	0.57387084
14.806395	15.1878014	15.5973498	16.2113492	17.014218	17.2711363	18.4872408	19.0587163
0.75291911	0.78212385	0.80194544	0.82690574	0.85109953	0.8574881	0.89724586	0.92338044
0.80942993	0.8388773	0.85031391	0.894796	0.92904645	0.93939774	0.98623229	1.0152479
0.04985292	0.05505991	0.05943978	0.0639338	0.06621439	0.06782273	0.0695979	0.0711642
0.03095661	0.03113294	0.03138286	0.03156372	0.03159571	0.03184574	0.0322121	0.03254709
2.88933984	3.07444592	3.5733682	3.80783833	3.81474236	3.77894175	3.79694827	3.89490194
2.35502381	2.412934	2.46155168	2.51416741	2.3870876	2.43884434	2.48579256	2.53727962
23.0853617	20.1939016	21.3310527	25.6126126	28.0527863	27.0780301	30.1156878	35.3913499
7.81461601	8.20692784	8.33181891	8.43305848	9.37849238	9.02137281	9.5298388	9.79363753
1.49659835	1.53612588	1.58363627	1.64452563	1.70932135	1.76956119	1.83883537	1.91449745
1.86778816	1.93994596	2.01071744	2.08255661	2.17467901	2.22448951	2.341764	2.43260698
11.3793014	11.7725307	12.8216066	11.7128056	11.3077576	11.2380141	10.8748694	9.49649294
0.32110418	0.33501966	0.34306197	0.34700072	0.47750539	1.65070441	1.79561618	1.87290464
145.766645	141.509093	149.22488	152.665508	157.440421	164.661111	150.818	134.907308
4.54808069	4.69189845	4.82967164	4.99281347	5.17518993	5.35871564	5.54010272	5.77188332
0.02725349	0.0277874	0.02822588	0.02894803	0.02949159	0.02993281	0.03013019	0.03017512
7.54143961	7.97592518	8.23872666	8.559676	8.83438427	8.87073729	9.01224887	9.10418643
0.00250703	0.00249339	0.00262542	0.00277189	0.00282408	0.00285186	0.00299407	0.00302894
7.89172787	8.27341116	8.62867186	8.79278141	9.15026731	9.43161305	9.80749503	10.1505678
0.0489671	0.05070319	0.05260635	0.05481803	0.05690457	0.05897265	0.06104028	0.06293245
0.02578291	0.02597374	0.02616269	0.02632748	0.02651436	0.02655928	0.02676346	0.02697101
2.38124463	2.49210536	2.61464512	2.72804495	2.84718399	2.98352197	3.12671245	3.29899145
14.2334554	14.3871373	14.796935	15.4023185	15.7828793	16.2744605	16.0251965	16.5241284
0.46662162	0.48222516	0.50142735	0.51910478	0.53766135	0.55701393	0.58642218	0.61485702
1.11881853	1.10936972	1.10390032	1.12290144	1.12464951	1.07923477	1.11605097	1.11338448
0.19015766	0.22676874	0.27085111	0.28577999	0.29189833	0.30355172	0.31378741	0.31194163
0.13153608	0.15754203	0.18987862	0.20088595	0.20580618	0.21448695	0.22144113	0.2201871
0.06163928	0.07323259	0.0869705	0.08791893	0.08593862	0.08535677	0.08797727	0.08751093
5.48923054	6.43848883	7.4381487	7.88984415	8.26586944	8.38193273	8.64112407	8.74010485
3.79464604	4.59025059	5.47499606	5.91315336	5.14156483	5.29813995	5.44610632	5.41106302
0.10754469	0.13320659	0.17039653	0.17977536	0.18212367	0.18610532	0.19130098	0.19075626
0.00200007	0.00212905	0.0022617	0.00104583	0.00058857	0.00045691	0.00045691	0.00045691
5.73633244	6.38120566	5.79558869	5.49007308	6.72140901	6.3588956	6.73998124	7.03125465
2.00464329	2.03716488	2.05739863	1.85024452	1.8605936	1.8596587	1.72087399	1.86823146
0.51259849	0.57603837	0.66227936	0.72330169	0.82537722	0.92557798	0.95408029	1.03752869
0.05773364	0.06884911	0.08223293	0.08676548	0.08862306	0.09216113	0.09526879	0.0947084
2.42096464	2.57205845	2.58161715	2.27103861	2.4558872	2.96353568	2.95935759	2.75734241
0.19217631	0.22917605	0.27372639	0.28881375	0.29499704	0.30677413	0.31711849	0.31525311



0.23295323	0.27780374	0.33180699	0.35009566	0.35759095	0.37186697	0.38440623	0.38214506
0.58621851	0.69908324	0.83498049	0.88100329	0.89986492	0.93579001	0.96734463	0.96165445
0.16880212	0.20668605	0.28014282	0.33965131	0.35354667	0.48068044	0.47335899	0.48006459
0.66918657	0.75193186	0.854303	0.95800225	1.11242719	0.93883901	0.8977769	0.89443904
1.0587375	1.5798666	1.35819479	1.35027841	1.69382338	1.01108481	0.75094343	0.73079389
0.08090467	0.10021899	0.11992715	0.0994825	0.07873774	0.05862914	0.0592485	0.0599126
0.010428	0.011335	0.0119505	0.012566	0.0140455	0.015525	0.01626751	0.02016278
3.86942355	4.68797034	4.74295628	6.16782375	6.71578897	7.57854346	7.61279968	9.01568909
0.15058502	0.16392578	0.17961601	0.14393716	0.11071705	0.10917086	0.1095398	0.1090617
0.08882099	0.1059217	0.12651219	0.13348535	0.13634317	0.14178636	0.14656737	0.14570522
0.09689562	0.11555095	0.1380133	0.14562038	0.148738	0.15467603	0.15989167	0.15895115
16.1215546	16.6266994	15.3955139	15.840295	18.702978	16.3680406	15.4436929	15.4412322
1.40188265	1.55316977	1.59335291	1.40284977	1.42985711	1.49560696	1.43287186	1.43359623
0.82449946	0.99176233	1.16878461	1.35805026	1.54736958	1.74181435	1.93422416	2.12263843
94.0701039	120.654967	166.356505	193.712036	173.327322	155.733622	192.375805	230.54233
0.51516173	0.61434588	0.73377073	0.77421502	0.79079038	0.82236092	0.85009073	0.84509028
1.16680522	1.50907731	1.53108889	1.56945822	1.64157636	1.48508019	1.40901139	1.38027335
0.53462159	0.63755236	0.76148841	0.80346044	0.82066192	0.85342502	0.88220231	0.87701297
0.08274481	0.09865827	0.11793072	0.12432536	0.12683747	0.13173283	0.13614005	0.1353453
1.8787843	2.24149961	2.67648633	2.82397219	2.88729057	3.00339764	3.10591664	3.0926998
4.5733E-05	5.5465E-05	7.032E-05	9.4416E-05	0.00010153	0.00010865	0.00010865	0.00010865
0.1259722	0.14837269	0.17566391	0.17811181	0.17855129	0.18483388	0.19096225	0.18985714
0.16273879	0.19137952	0.2254082	0.23276322	0.23017321	0.23155523	0.23885234	0.23752778
0.15722855	0.17561245	0.19369374	0.18582324	0.18962392	0.20647573	0.21634048	0.23321718
1.68934617	1.79703677	1.82308421	1.95228674	2.22573092	2.47568844	2.49289432	2.70749908
18.5560838	19.853722	19.249345	15.7381817	15.9095036	14.6925899	14.222314	14.126688
1.18565236	1.2388717	1.28044265	1.05678554	1.04739101	1.0185764	1.03062819	0.88786694
0.41342133	0.49301738	0.58885676	0.62131362	0.63461548	0.65995109	0.68220448	0.67819157
0.8544206	0.95653276	1.07548673	1.12004393	1.14201303	1.19145243	1.23837621	1.25418783
0.20050315	0.23867179	0.28381598	0.2948299	0.29689677	0.30742639	0.317636	0.31579493
4.66846012	5.26671607	5.95455562	6.21211714	6.27493013	6.70883274	6.79791542	6.85496639
13.1352122	14.2987023	14.9385069	16.3559168	18.6142	18.3766312	16.5272345	16.923574
0.10845173	0.12311573	0.13945385	0.15757377	0.17199751	0.15447595	0.1615065	0.17980736
0.00198505	0.00244401	0.00283848	0.00147702	0.00082986	0.00072138	0.00072138	0.00072138
1.07372269	1.17383997	1.24925845	1.32527178	1.34364688	1.36328958	1.36175375	1.33810679
0.04626766	0.05517558	0.06590135	0.06953373	0.07102239	0.0738578	0.07634828	0.07589917
15.7531672	17.053123	17.6213019	16.4744801	16.6861234	17.3498457	17.0589689	17.7101627
0.24548502	0.29247761	0.34907354	0.36746641	0.37451049	0.38934738	0.40245167	0.4000886
13.9720246	13.1778801	13.4275677	12.2784685	12.7042863	12.0607309	12.2305552	12.875737
0.18467612	0.23819029	0.29042091	0.34392158	0.44582942	0.56089494	0.65351693	0.1609656
0.47881862	0.55312236	0.66801166	0.73775573	0.72416121	0.74902246	0.76402881	0.75954173
0.18248676	0.21762095	0.25992506	0.27425171	0.28012324	0.29130653	0.30112932	0.299358
0.05095095	0.06076054	0.072572	0.07657205	0.0782114	0.08133382	0.08407637	0.08358181
4.9648796	5.39986212	5.39253838	3.31232164	3.9102846	3.9532625	4.13062048	4.50131254
0.0023916	0.00240175	0.0024062	0.00241407	0.00265612	0.00266318	0.00266318	0.00266318
0.15545262	0.17571952	0.20048891	0.17464762	0.14349862	0.14123192	0.14350459	0.14285406
0.13348	0.12596	0.11703	0.123375	0.12925	0.135125	0.141235	0.14711
0.16068524	0.19162199	0.22887207	0.24148713	0.24665718	0.25650442	0.26515369	0.26359399
0.13313736	0.15399121	0.21343202	0.2628523	0.33247383	0.39851866	0.47405456	0.57151818
0.91415538	1.08915653	1.25006142	1.24405484	1.2460871	1.34628434	1.39957448	1.49920416
4.32433662	4.89726511	5.65625017	5.95000188	6.20639692	6.46312755	6.56210785	6.57468972

13.1172696	13.6391959	10.4935331	11.4450651	13.1261548	16.4139186	19.8334345	23.3379875
1.17155601	1.20049023	1.39139292	1.24717682	1.19851875	1.22149201	1.18581196	1.15968408
5.51507026	5.96546601	6.80120625	7.13625203	7.45916988	7.79459273	8.01229747	8.11417382
0.99255546	1.14603524	1.33132019	1.40544242	1.43853996	1.49735018	1.54963479	1.54607373
0.1888956	0.19554319	0.16030478	0.19488104	0.31317146	0.30821775	0.28156632	0.31650411
1.20486817	1.14232621	1.18689156	0.92721828	0.99443209	2.12877906	1.25290024	1.78901294
9.9402492	11.405793	12.49227	11.7914912	12.3495555	13.3345362	14.2325005	15.3320881
0.06670377	0.07321834	0.07894085	0.0784617	0.09106549	0.09582846	0.09827846	0.09842846
0.69365358	0.82815828	0.98949431	1.04250095	1.06100056	1.09899618	1.13555134	1.12904998
38.0407242	34.3219905	33.4586074	26.1675041	23.7094361	20.9387537	16.8521517	17.936926
0.49321041	0.62367716	0.69412872	0.92340171	1.06128684	1.49110076	1.53921848	1.78546673
0.026702	0.030966	0.03523	0.04225	0.04927	0.05629	0.06331	0.07033
0.00458005	0.0052981	0.00527612	0.00398441	0.00235133	0.00185458	0.00185458	0.00185458
0.1207158	0.14395723	0.17194158	0.18141872	0.18530276	0.19270056	0.19919838	0.19802664
0.00016588	0.00020055	0.00023869	0.00018955	0.00014054	9.4777E-05	9.4777E-05	9.4777E-05
9.86667592	10.5548461	10.8341614	11.279566	13.6734381	14.3132128	14.2074175	18.0623527
3.88598366	4.56093987	5.36647787	5.63484471	5.73023795	5.9242516	6.12925986	6.11948126
0.59348569	0.70774957	0.84533149	0.89192482	0.91102026	0.94739072	0.9793365	0.97357579
0.0025381	0.00318695	0.00371915	0.00473427	0.00490343	0.00507258	0.00507258	0.00507258
1.18617532	1.39253512	1.63715625	1.72982504	1.77703039	1.85182409	1.91996136	1.9276031
0.039032	0.038376	0.03772	0.03772	0.03772	0.03772	0.03772	0.03772
0.1118337	0.13336505	0.15929035	0.16807019	0.17166844	0.17852193	0.18454164	0.18345612
0.18329448	0.22035616	0.26308045	0.26819929	0.26850175	0.27363992	0.29435029	0.33826641
0.07118867	0.07191845	0.07139583	0.05539812	0.05642193	0.05636288	0.05780877	0.06026958
0.25398693	0.29483997	0.3466205	0.35047347	0.33856209	0.32977908	0.34581448	0.3717722
0.41459215	0.49441363	0.59052442	0.6230732	0.63641272	0.66182008	0.6841365	0.68011223
0.02745156	0.03391475	0.04168066	0.04955639	0.06317968	0.07936249	0.09037699	0.10612149
0.20266123	0.24150362	0.28823924	0.30276349	0.30903442	0.32122538	0.33204783	0.33009625
3.35779294	3.54494087	4.95454831	6.38696517	7.99870037	9.24087281	9.79672671	10.8566575
0.03473458	0.36571222	0.41034633	0.11848408	0.23684116	0.28226766	0.29435216	0.36318734
0.1207158	0.14395723	0.17194158	0.18141872	0.18530276	0.19270056	0.19919838	0.19802664
0.02131309	0.02595865	0.03917448	0.0657528	0.07743559	0.08994208	0.10437324	0.11475947
0.156	0.234	0.143	0.14954361	0.18086382	0.20032031	0.20990096	0.26016188
0.28038601	0.36231652	0.31064795	0.33611919	0.42755905	0.28801332	0.25845771	0.25923641
0.16512629	0.19691808	0.23519767	0.24816139	0.25347434	0.26359374	0.27248206	0.27087925
0.05190284	0.04761865	0.01079908	0.41616615	0.45875166	0.50160612	0.54513201	0.5886579
0.08720606	0.10399586	0.12421197	0.13105834	0.1338642	0.13920843	0.14390251	0.14305603
1.05507348	1.25748401	1.42369856	1.49570846	1.63806354	1.80099877	1.92764278	2.0605168
0.0674232	0.0804042	0.09603426	0.10132751	0.10349686	0.10762874	0.11125796	0.11060351
0.1289923	0.1538272	0.18373021	0.19385713	0.19800746	0.20591247	0.21285579	0.21160372
3.11788234	3.69742005	4.39046862	4.61403263	4.70460812	4.87902848	5.04988775	5.0457102
0.05450379	0.06499741	0.07763248	0.08191146	0.08366513	0.08700527	0.08993907	0.08941002
2.64632507	2.77295226	2.5926695	2.13533579	2.17437351	2.00452316	1.91823347	2.24497438
2.06391234	2.20658059	2.00638194	1.87702965	1.64649542	1.7876245	1.40165445	1.52403725
0.97174655	0.99353449	1.07916165	1.03163896	1.23297028	1.27420185	1.17848018	1.26432006
0.28975759	0.34833829	0.41726452	0.45672053	0.47032389	0.54335698	0.69337554	0.70348028
2.59908237	3.08701404	3.65906258	3.860052	3.96493018	4.13352647	4.28319197	4.30534126
0.20025095	0.23880529	0.2852275	0.30094878	0.30739187	0.31966381	0.3304428	0.32849904
0.27354471	0.32181962	0.38109218	0.37724945	0.36393653	0.37097454	0.38201061	0.37990423
1.60332441	1.88663024	2.22202959	2.34421742	2.40439514	2.50264368	2.59137611	2.59724561
0.00916325	0.01215348	0.01541606	0.02185154	0.02429013	0.02672872	0.02739155	0.02739155

3.18125135	3.75125127	4.37221956	4.85389748	5.13868548	5.60715926	5.85476206	5.79739885
0.85504502	0.96719595	1.10573972	0.98871489	0.98093448	1.00474974	1.15146966	1.14412018
0.95403232	1.06870546	1.2274841	1.27020495	1.47253567	1.69710658	1.87968741	2.01729811
0.14534343	0.17332642	0.20701996	0.21843057	0.22310701	0.23201406	0.23983751	0.23842673
0.7016858	0.83678147	0.99944635	1.05453424	1.07711104	1.12011229	1.1603152	1.18152681
2.02099914	3.09643086	2.77272837	2.92535836	3.75532152	2.6310496	2.0846011	2.02277484
33.8847592	39.0684316	38.6799598	34.83005	33.8551662	33.7517384	27.2840473	28.0531907
0.00810588	0.0122292	0.01697616	0.02149229	0.02397615	0.02645992	0.02714991	0.02714991
13.5791869	15.9692863	18.8811059	19.9055711	20.388892	21.2266809	21.9805857	21.9810935
2.76244965	3.21619279	2.99354415	2.3861034	2.12762476	1.25416058	0.88924818	0.91137082
0.42512954	0.5069798	0.60553337	0.63890941	0.65258799	0.6786411	0.70152472	0.69739817
0.29189806	0.34809724	0.41576508	0.43868139	0.44807323	0.46596156	0.48167367	0.47884034
3.57805126	3.88280208	4.56242499	4.49585617	3.56686272	3.64955495	3.99861979	4.43912404
0.00060377	0.00091386	0.00130805	0.0017172	0.00195671	0.00219622	0.00219622	0.00219622
0.11173223	0.12947952	0.15130938	0.14643346	0.14780403	0.1519245	0.15700975	0.15609274
0.36449234	0.43463204	0.51905327	0.54744731	0.55909596	0.5813899	0.600992	0.5974572
0.36789375	0.42509701	0.45095105	0.47539998	0.51998997	0.54652407	0.59348597	0.67435254
0.75026735	1.05139758	0.98811865	0.83079965	0.90025926	0.53622845	0.3750452	0.38590492
1.36268883	1.44055343	1.48534344	1.33661054	1.29965716	1.24739116	1.21177947	1.21523762
1.09007576	1.29994819	1.55264967	1.63822926	1.67330253	1.74010539	1.79878133	1.78820044
0.13000163	0.15503086	0.18516785	0.19537401	0.19955682	0.20752368	0.21452133	0.21325946
0.16108897	0.19210346	0.22944712	0.24209388	0.24727693	0.25714891	0.26581991	0.26425629
8.28557289	9.86855197	11.7533184	12.4116555	12.6955629	13.209068	13.6681452	13.6513766
2.29877311	3.60795338	2.95742789	3.07903346	3.73513515	1.9224358	1.46571138	1.19302096
0.06780373	0.07990228	0.09423966	0.10172919	0.10278388	0.10543675	0.10870925	0.10817629
0.37102949	0.44246384	0.52847594	0.5576047	0.5695426	0.59228032	0.61225187	0.60865045
0.32823392	0.39142884	0.46752007	0.49328903	0.50384998	0.52396507	0.54163305	0.53844702
1.28968571	1.6367099	1.90902776	1.8872418	1.89033827	2.0635611	2.20623417	3.09190945
54.7001045	58.2583383	43.8652564	26.2665865	29.8303204	26.2777757	21.2888577	10.4497981
0.25314649	0.30469997	0.39651834	0.49865096	0.68946956	0.76878713	0.69167387	0.75519488
0.02339566	0.02202395	0.02855387	0.02716682	0.08061427	0.13437392	0.08727544	0.03938972
207.0091	214.212853	214.549879	183.308667	186.333465	183.333348	176.570525	183.6423
0.11150271	0.15678382	0.14537117	0.12862819	0.06218168	0.07639066	0.06248574	0.06531446
0.00031499	0.00037491	0.00039637	0.00023856	0.00012699	0.00011324	0.00011324	0.00011324
2.95156143	3.24501269	3.63992172	3.79445878	4.09930302	4.21175262	4.13918871	3.99745843
1.78610931	2.12998918	2.54404524	2.68426898	2.74173718	2.85119491	2.94733652	2.92999953
1.27736692	1.52329855	1.81941789	1.91970132	1.96080069	2.03908128	2.10783861	2.09543976
4.48133319	5.19695954	5.83131969	6.09270296	6.36938642	6.39324849	6.56121653	6.60662252
6.7934E-05	8.1736E-05	9.7062E-05	9.7658E-05	8.8371E-05	7.9084E-05	7.9084E-05	7.9084E-05
0.1437285	0.17140058	0.20471974	0.21600356	0.22062804	0.22943612	0.23717265	0.23577754
0.00101127	0.0010165	0.0010165	0.0010165	0.0010165	0.0010165	0.0010165	0.0010165
2.42642909	2.40736666	2.5111718	2.46675866	2.47211207	2.70580077	2.85773062	3.19094294
2.56487202	2.57548937	2.73706363	2.803449	2.83306278	2.88842415	3.02317781	3.13486204
0.75303268	0.82122013	0.69609047	0.74740313	0.71942003	0.66234462	0.65701464	0.64908155
0.00239604	0.0024482	0.00243672	0.00244284	0.00250355	0.0025624	0.0025785	0.00259815
0.27901597	0.27564897	0.29288649	0.30423856	0.31702846	0.3375882	0.39900175	0.37182769
28.2787728	29.3268472	28.9358282	30.1564037	31.486991	29.6836076	27.2819701	27.4100108
0.22038909	0.30812106	0.2970653	0.22688875	0.3253088	0.27955216	0.27062452	0.25560049
0.00998941	0.01016749	0.01018289	0.01024231	0.01015908	0.01001998	0.00990429	0.00622987
32.7989522	35.8144966	34.6816608	34.3181082	32.1150148	30.8092399	31.7539064	30.6836362

1.9734269	1.99807684	1.99699405	1.98307305	1.98215159	1.94282414	1.92378067	2.01828421
1.28786683	1.27698152	1.29214153	1.35923022	1.35965698	1.48375301	1.48215496	1.43492058
0.24575102	0.2669757	0.29058922	0.31585742	0.32853837	0.3562829	0.39693861	0.44420114
2.58920457	2.58231033	2.53814259	2.48993993	2.52493327	2.44816893	2.56571552	2.67067928
0.90829341	0.91850114	0.99001094	0.97571196	1.00181765	0.99426835	1.02932552	1.04519562
4.06675772	4.14666035	4.2606255	4.31764195	4.40989486	4.5225993	4.62007227	4.74846466
15.6685268	16.182488	16.346289	16.6269058	17.4536649	17.1147993	17.133445	17.8448883
1.67553298	1.85136454	1.75545814	1.80249756	1.75608886	1.7122263	1.92497814	1.88452326
0.01068915	0.01005943	0.00997246	0.01002278	0.00991107	0.00856991	0.00877201	0.01009935
0.00921603	0.01323019	0.01190895	0.01083514	0.00985946	0.01325493	0.01165945	0.01012759
0.51605836	0.56072987	0.61055073	0.61344659	0.59605758	0.5493624	0.56835167	0.56769678
5.3506871	5.35053125	5.61123893	5.57561215	5.60890794	8.55606498	8.47515572	8.51706267
0.0839562	0.06799843	0.07373007	0.07285398	0.08201438	0.08001012	0.08256003	0.08675542
0.00074165	0.00073096	0.00075101	0.00075177	0.00076534	0.00082497	0.00083249	0.00082282
3.69785492	4.56007335	4.27707457	4.42411835	4.77520205	4.43233161	4.37924175	5.86270161
101.932124	105.973937	106.700669	105.691828	110.035049	108.973918	108.179572	114.079572
0.01817266	0.01927675	0.01909488	0.01823899	0.01810476	0.0182242	0.01887718	0.0188278
0.07701907	0.07909959	0.07661508	0.079633	0.08157426	0.08199732	0.081631	0.08328174
0.04878178	0.0507685	0.05561806	0.06736502	0.07164718	0.07494898	0.06473124	0.06562166
1.17987682	1.10543125	1.21218047	1.21907278	1.2272039	1.2531162	1.26463863	1.45573563
4.473513	3.73412954	4.34276757	4.21516324	4.42246509	4.5419965	3.74205872	4.26682271
17.6010258	17.401958	17.545205	18.4927463	18.8234523	18.69146	18.6560285	18.933271
1.41648776	1.41419229	1.43000298	1.41431066	1.37135347	1.36730384	1.35178759	1.34120526
4.56453011	4.70669358	4.69244319	4.68288092	4.62650587	4.69642506	4.59432694	4.36165769
263.109613	274.778888	275.814494	289.998525	279.934487	274.188482	290.86663	274.166383
1.3680206	1.29134997	1.41637812	1.39279221	1.41254011	1.40006921	1.41174007	1.36300731
3.44104387	3.36254163	3.51609308	3.36690096	3.36681252	3.07749684	3.03556624	3.15722637
3.03582793	3.18712311	3.20510124	3.23493001	2.86760567	3.03827592	3.03992048	3.3639307
0.29999955	0.31858571	0.36331886	0.39024488	0.3803106	0.38534528	0.37708953	0.42110241
0.00274109	0.00280583	0.00279961	0.0027824	0.00280652	0.00280215	0.00278627	0.00277876
14.2034801	14.3912233	14.5699622	14.7083671	15.2205543	14.8888529	15.0875905	15.5146026
0.02666526	0.02696484	0.02923539	0.02897874	0.02935789	0.02953014	0.02936438	0.02950902
0.04237364	0.04436699	0.0428777	0.04078627	0.0383476	0.03716171	0.03918745	0.04011966
0.90432385	1.01456675	1.01107059	1.02378696	1.06966176	1.0831995	1.11937471	1.13985795
4.14414637	4.12342394	4.13954295	4.29817478	4.25888122	4.29297537	4.32565813	4.30323791
0.00099127	0.00101549	0.0010188	0.00104691	0.00122477	0.00131754	0.00115935	0.00113541
0.16998998	0.16681601	0.15142344	0.161964	0.15311026	0.14739896	0.13972389	0.13395504
2.8667598	2.90416305	2.79891028	2.75359404	2.86868446	2.78622892	2.48925973	2.69389867
24.7349009	24.7359239	24.6106196	23.4086518	24.3675993	23.694796	23.66962	24.4711957
0.167549	0.16837948	0.16866977	0.16668051	0.16707265	0.16707485	0.16727544	0.16726742
0.00789635	0.0078984	0.00789707	0.00790874	0.00797871	0.00796789	0.00803735	0.00808142
3.86238393	3.82116501	3.78229418	3.70333583	3.83524473	3.64530362	3.68887927	3.7260877
1.52248662	1.66967162	1.63517133	1.78327705	1.83428049	1.85740768	1.9922115	1.99857405
2.34233531	2.3824445	2.39327115	2.47525474	2.4714919	2.34345614	2.60109743	2.83220121
3.2624648	3.40814889	2.92145734	3.32198185	3.135969	3.2408207	3.43186073	3.53717519
11.3075792	12.3209436	12.0960406	11.8561094	11.4536173	11.5673196	11.4551276	11.3293039
0.9856039	1.00461577	1.02403613	0.9747497	1.05310989	1.0529319	1.06039368	1.01839265
0.03116291	0.03115731	0.03116504	0.03115636	0.03115924	0.0314211	0.03147934	0.03151655
15.3541054	14.8824313	13.9293331	14.0029894	14.6265646	12.8750619	13.1033052	13.9058432
0.44638081	0.46616195	0.48251541	0.39306898	0.45510609	0.50599559	0.51434469	0.51324431
15.6560191	16.3000558	17.0825327	18.3555164	20.3829784	21.3290982	22.4612212	23.5832441

2.6397949	2.57316665	2.57409263	2.53928729	2.54318964	2.40540068	2.41312817	2.44773471
0.23479728	0.24889271	0.2386071	0.24124196	0.24257219	0.24243753	0.2419063	0.24050535
0.03619232	0.03579291	0.03579401	0.03579507	0.03633253	0.03633205	0.03633204	0.03634107
28.3491105	28.7847595	27.7864103	27.521459	28.548504	27.5386421	27.1969869	28.4289894
0.00552036	0.0055408	0.00546549	0.00543308	0.00543918	0.0053983	0.00541878	0.00539838
0.08382843	0.09349706	0.08620677	0.09061385	0.08842178	0.09587832	0.08691663	0.08934507
16.7125938	16.4405064	16.0418257	15.9217874	15.5517648	15.3796466	15.387919	15.354926
0.59691793	0.58306788	0.58706509	0.53693502	0.50455273	0.48020191	0.6235888	0.59429052
1.30830082	1.28904854	1.42621895	1.43362724	1.41986876	1.46538774	1.47351041	1.52452741
1.464341	1.51068444	1.65128153	1.7131661	1.77552047	1.87741972	1.93551584	2.04411712
0.04003169	0.03863979	0.03670534	0.03625363	0.03408824	0.03481552	0.03401174	0.03427246
0.18308493	0.19003951	0.19289299	0.19811002	0.20212456	0.20705333	0.21436122	0.21324927
0.3331691	0.33225058	0.31772524	0.3492552	0.36334233	0.36274319	0.38073745	0.40203486
0.00802509	0.00812373	0.00819871	0.00833999	0.0084603	0.00857617	0.00861903	0.0087951
3.07724291	2.91126747	2.88012505	2.7579893	2.81656275	2.50673754	2.63296381	2.69786249
0.00395648	0.00391484	0.00385726	0.00402803	0.00405164	0.00418308	0.00424392	0.00408275
0.00123031	0.00122416	0.00122416	0.00123154	0.00126782	0.00127198	0.00127063	0.00127119
2.00962651	2.1711819	2.20077059	2.39199289	2.22841617	2.32529594	2.43584278	2.50310651
0.00825932	0.0086902	0.00977034	0.00978366	0.00885423	0.00928217	0.00880184	0.00875832
1.37007255	1.31467334	1.32127642	1.30119198	1.31093115	1.30944387	1.32855412	1.36116376
0.01266778	0.0125082	0.0124699	0.01273556	0.01073512	0.01076743	0.01152983	0.0121252
1.66271509	1.6348924	1.7593228	1.6935762	1.71308836	1.7245532	1.79022245	1.78879807
1.17565333	1.2719601	1.29754935	1.36806635	1.34473681	1.35541736	1.13815251	1.11877739
0.96694354	0.96065689	0.96588822	0.96124391	0.97230306	0.96973057	0.97652405	0.98670746
3.30167226	3.73463264	3.42853526	3.41612709	3.12329557	2.9351222	2.85817662	2.80373256
49.4993722	51.2838526	51.4547865	51.9667345	52.287231	53.5204249	57.7436632	56.3144658
126.969909	131.505615	138.335104	145.369331	151.584786	155.232056	157.782286	163.471351
6.64672921	6.60674783	6.46512466	6.43413203	6.19453152	6.08504968	6.44836899	6.22025727
16.0299786	17.1370425	16.369815	17.6135359	17.0688619	17.0057618	16.7854925	16.8143368
1.61917742	1.32363189	2.10290678	2.11442216	2.03731171	2.32845757	2.86871982	2.85187207
0.28463504	0.28251793	0.28381016	0.28129275	0.28185037	0.28058842	0.28425769	0.28400611
0.78767307	0.82204941	0.78304197	0.82845023	0.79772955	0.80912625	0.81052305	0.81065669
10.2852019	10.1580564	9.75961102	9.9903904	10.0430089	9.74987221	9.47415792	9.42260359
0.26011654	0.2488252	0.24996225	0.19013864	0.17655328	0.18140712	0.17701509	0.17420812
0.26242524	0.23541366	0.2907495	0.25383802	0.29358728	0.35342418	0.31325382	0.32134352
6.15691826	6.09905073	6.00558874	5.95632396	6.05102537	5.91441101	5.64562769	5.74601664
9.32338988	9.46712507	9.76907851	10.1586154	10.3804818	10.3837542	10.6703204	10.5356852
7.23174363	7.72594082	7.55201433	7.25510069	11.2472101	11.4294851	11.0587963	11.2731804
0.92636021	0.91219315	0.91918299	0.94567902	0.95781637	1.00779196	1.25907827	1.28416263
2.41600032	2.57669567	2.39233812	2.68243522	2.69841726	2.68800295	2.78039858	2.6261834
0.00222418	0.00228312	0.00231493	0.00234102	0.00249972	0.00258665	0.00264822	0.00271335
0.00491798	0.00513447	0.00486728	0.00431262	0.00464652	0.00488393	0.0048802	0.00489857
3.87646319	4.11830852	4.05618516	3.78185848	4.19437147	4.19821565	4.34426553	4.5153473
0.10351648	0.09313184	0.09736107	0.09676206	0.10139335	0.11010931	0.11945988	0.10754781
1.31830728	1.53450105	1.42348676	1.40267041	1.66935945	1.49540745	1.57874341	1.79614582
0.3045019	0.30412674	0.21961149	0.23102575	0.23873383	0.22290608	0.31098238	0.26622453
0.08150793	0.0795153	0.07714901	0.09811541	0.09460802	0.10573415	0.16700136	0.1226022
0.59893571	0.670926	0.71674849	0.77004678	0.80153693	0.80245342	0.82415895	0.84897763
0.00866184	0.0088463	0.00897571	0.00865324	0.00957844	0.00895267	0.00902614	0.00879806
1.10326663	1.13178808	1.06913598	1.09241142	1.07297534	1.22987455	1.25702282	1.29982426
0.39951779	0.39117281	0.4348529	0.42527127	0.43123794	0.40455438	0.404734	0.40051608

1.19284856	1.21831387	1.21281405	1.17193049	1.27931011	1.84703228	1.93058956	1.91091691
0.12662108	0.12449756	0.12279053	0.12085529	0.12437428	0.12809902	0.12854756	0.12940875
0.81324493	0.81849161	0.86387149	0.9204968	0.98220953	0.98585726	0.92782076	0.89778297
0.00137259	0.00116511	0.00136113	0.00136113	0.00154831	0.00133353	0.00133353	0.00133353
4.01519125	4.07687389	3.98621181	4.08773913	3.9693641	3.87185655	3.95726872	4.05037448
0.47086328	0.49848051	0.48175527	0.46881321	0.44434963	0.43255358	0.38476764	0.44985616
3.99177613	3.98605183	4.64954993	4.62543858	4.70626642	4.68475648	4.78070369	4.83468972
2.6989E-05	2.4216E-05	2.0118E-05	1.9276E-05	1.4001E-05	1.7974E-05	1.3598E-05	1.6528E-05
24.970784	24.7416299	24.4485995	24.409826	25.3631228	24.7563223	25.1182568	25.6392951
0.3299942	0.36961617	0.35609335	0.34932529	0.33841613	0.33655331	0.30788683	0.32604993
4.22982404	4.52481277	4.67517739	4.70714749	5.01427291	5.21276494	5.35250136	5.62373166
0.02378969	0.02206292	0.02317516	0.02299062	0.02296644	0.02361838	0.02077872	0.01991345
9.25180384	9.63730216	9.62116502	9.90854531	10.5526734	10.3641016	10.9796409	11.4026078
2.67027083	2.6184678	3.00499717	3.3885183	3.87868	4.07881257	4.15987185	3.20329915
2.88734375	2.87407814	3.20539832	2.9812804	3.20732302	3.50358892	3.11201852	3.61600537
1.69454851	1.63357982	1.64852388	1.74371071	1.65599085	1.55295091	1.69148101	1.74212623
0.01520635	0.01577075	0.01279688	0.01560033	0.01174116	0.0121595	0.01174476	0.0114939
0.06925119	0.09454575	0.09547387	0.09780379	0.09952143	0.0991011	0.10103159	0.10285231
0.72336207	0.73253393	0.75813611	0.81432686	0.936797	1.04754128	1.12668088	1.29219292
6.92185446	7.82947357	7.54295218	7.74528984	7.94092439	7.7455214	8.19312151	7.86269066
1.53835988	1.50775821	1.92785463	1.55282644	1.52627102	1.62998318	1.58995395	1.56831492
0.06030932	0.06141522	0.05540142	0.05007942	0.05137608	0.05158602	0.05104895	0.05127166
4.12778446	4.29902485	4.51353384	4.70385246	4.93704793	5.19412089	5.41711898	5.2969343
13.3231103	13.4876058	14.0612178	14.3079903	14.4373459	15.8233156	15.5960813	16.8828611
2.42893718	2.3833704	2.40391761	2.52360582	2.59571398	2.57357082	2.59164117	2.69354606
5.29697017	5.27616905	5.28318154	5.22231821	5.32232356	5.36020704	5.32379595	5.34570824
1.5741544	1.58820374	1.5690405	1.57373907	1.58754159	1.43555631	1.43383769	1.51453409
2.86271735	2.71797449	2.68314868	2.70792355	2.78929476	2.88366435	2.95791221	3.08705249
9.88574462	10.1052612	9.73036241	9.73986472	9.82964667	9.43931588	9.70005487	9.89864549
0.27537807	0.28251107	0.30626461	0.31247755	0.31962829	0.3244885	0.33106528	0.34299111
29.3158591	31.0588969	32.2776534	31.9580053	34.0841154	35.1917553	38.118194	36.5867871
0.71119944	0.6919042	0.7153943	0.71395548	0.7087859	0.74175755	0.73970674	0.74558349
4.78235645	4.69860832	4.84897766	4.88200281	4.96638192	4.95065173	5.02616027	5.08155229
7.75799963	7.92531618	7.98442509	7.68285354	8.05832227	7.73106596	7.81419133	7.57380965
0.25901779	0.30475799	0.24699207	0.26981894	0.24600894	0.2505603	0.2633223	0.26201982
14.7324107	14.3434804	14.8442746	15.0569255	15.6245381	14.9571984	15.2226251	15.3154518
0.1857439	0.17154547	0.17276445	0.16630599	0.16161708	0.156334	0.15070774	0.14590601
1.66293459	1.77025897	1.70082945	1.74583758	1.7533475	1.67546112	1.67767759	1.79285606
2.08566415	2.05919418	2.07076717	2.03469838	2.01667307	2.00383311	1.96495706	1.93672454
4.09455884	3.85619749	3.98700553	3.99110666	4.3640581	4.18135475	4.61269278	5.04868494
0.01046126	0.01111431	0.01021747	0.01010269	0.01041122	0.01041108	0.0104804	0.01049775
0.04216358	0.04300665	0.03600023	0.03839749	0.04135331	0.04236309	0.05310633	0.05585756
0.05176103	0.05357616	0.05302699	0.05311512	0.05286275	0.05444811	0.05406501	0.04928371
4.89170325	5.60579393	5.53031052	5.38994158	5.59091036	6.06022839	5.8858043	5.97498741
31.1897476	30.6927184	29.6009709	29.3131019	30.5246243	34.2699658	32.9496722	31.0732562
0.50247857	0.55421517	0.5912414	0.66945413	0.71722899	0.76503009	0.79265077	0.84586472
2.67206572	2.77910227	2.57282581	2.57542226	2.72475457	2.25140723	2.0067797	2.12440301
2.2584486	2.79738028	2.72413847	2.47052333	2.56503111	2.48287921	2.61835726	2.30305662
23.5384263	24.1487099	24.8574778	24.3621577	24.9844485	25.1252765	25.6636106	24.9994475
2.03235585	2.11204667	2.17119882	2.22863423	2.21294742	2.27747072	2.30197968	2.48158813

0.00674011	0.0065181	0.00639662	0.00643435	0.00704862	0.00698551	0.00741535	0.00763101
0.00057605	0.00057611	0.00057848	0.00057829	0.00057371	0.00058546	0.00058284	0.00058271
0.01268403	0.01305397	0.01317275	0.01335569	0.01373636	0.01385037	0.01392681	0.01385889
0.24074009	0.26668266	0.28582032	0.37069437	0.34934401	0.35788006	0.41269868	0.43013288
0.83090291	0.90274577	0.91129638	0.91703349	0.91330324	0.99241399	0.95908759	0.93489691
4.69418936	4.76748141	4.86677428	4.56511289	4.25207568	4.24280027	4.23526445	4.2636108
0.00013356	0.00013384	0.00012709	0.00015046	0.00015008	0.00015762	0.00015848	0.00015683
0.00451639	0.00450112	0.00461699	0.00453973	0.00487476	0.00537147	0.00588139	0.00581019
0.07044288	0.0706834	0.06782691	0.06987903	0.07259489	0.07046542	0.07760997	0.07888778
1.0848158	1.10920088	1.05172339	1.0667425	1.07664304	1.05447668	0.93810576	0.97199956
0.64518504	0.65670165	0.65783571	0.59141851	0.52923272	0.44219406	0.45958585	0.41748676
3.27131172	3.22070919	3.23167752	3.17785573	3.30388734	3.10845997	3.17977409	3.14032995
0.37022445	0.37664808	0.38153081	0.36025532	0.37195413	0.36837893	0.36212714	0.38620709
0.00265278	0.00242554	0.00242633	0.00234647	0.00245442	0.00207443	0.00174648	0.00161782
2.96180159	3.43792904	3.61995871	3.38052489	3.51691611	3.00384484	3.05174022	2.87252506
						2.2531E-05	
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0.45783563	0.44618133	0.53154377	0.51202103	0.49920154	0.51448312	0.53937872	0.53655355
11.8910421	11.7361148	11.5771102	11.1139679	12.149359	11.5157139	13.1996552	13.6696425
0.8993796	0.93741454	0.98289793	1.00423725	1.01897675	1.1887478	1.26672854	1.28333631
2.5094635	2.67938743	3.06335253	3.56257999	3.43384969	3.66439356	3.57394004	3.61051735
0.14485913	0.13958879	0.14712615	0.1504194	0.15113013	0.15577277	0.16002729	0.15614803
0.01841572	0.0183627	0.01836572	0.01837238	0.01857337	0.01855025	0.01854102	0.01854212
0.10028284	0.11650141	0.11635897	0.1172877	0.11724247	0.11411085	0.11905186	0.12001362
1.23087571	1.27741297	1.32876939	1.3389444	1.37679154	1.33913254	1.37030165	1.34944257
14.573797	14.8285589	15.073636	15.3653765	14.8240148	13.5820539	14.9839517	14.5459225
1.94158196	1.77677165	1.6385265	1.65775076	1.68418311	1.54426833	1.59036416	1.55414288
8.41403968	8.3642865	8.64166358	8.75896285	8.95725192	9.20561712	9.53061586	9.79549241
3.82853015	3.91327929	4.07021474	4.11101682	4.27957919	6.16159604	6.31428336	6.52700768
8.92958236	8.72642783	8.20826163	7.85018658	7.46177238	8.10013413	7.50911117	7.22288655
5.32944104	5.38716126	5.42466958	5.64244643	5.60670336	5.63884568	5.5994299	5.37440862
130.587182	129.354476	127.661537	132.703503	132.082015	127.406012	130.8131	133.183785
3.60539339	3.81535025	4.07381851	4.28790562	4.60234356	4.848446	5.22422818	8.14184998
0.00562565	0.00570185	0.00583457	0.00594698	0.0062035	0.00609298	0.00622105	0.00595842
8.31686472	8.37553099	8.70596595	8.52638219	8.79225681	8.80233272	8.81632016	7.95919827
0.00227292	0.00226653	0.00226593	0.00226495	0.00226416	0.00226218	0.0022612	0.00226593
14.702657	15.3555805	14.217941	14.3651809	14.4934484	13.6126846	14.7650053	14.9901199
0.08408599	0.08477886	0.08537345	0.08729241	0.10377334	0.10525726	0.0982466	0.1004127
0.03028284	0.03067486	0.0307156	0.03050039	0.02922763	0.02874139	0.03032715	0.03325282
1.82599705	1.85558733	1.88144534	1.93329768	2.02618069	2.07732383	2.12263872	2.15549235
11.869327	11.9759701	11.9415986	12.0503333	12.3488611	12.3843117	12.2576776	12.1443972
4.78194177	4.75004439	4.87132705	4.96370605	4.85058254	4.88225893	5.19974012	5.65638921
3.20483975	3.16976622	3.1381297	3.04125075	3.10634894	3.05897755	3.30545456	3.63813691
0.00018969	0.00021827	0.00026814	0.00023753	0.00031796	0.0002308	0.00031914	0.00028468
0.01429649	0.01460952	0.014927	0.01531763	0.01842048	0.02279605	0.02685166	0.03036784
0.15019578	0.15165553	0.15247185	0.15772932	0.16164708	0.16614692	0.17050307	0.17441671
5.4427E-07	5.2938E-07	4.9636E-07	4.1457E-07	4.5885E-07	4.271E-07	4.2865E-07	6.2592E-07
0.03258511	0.01612792	0.02667286	0.04610347	0.02442417	0.02299008	0.02175261	0.02148809
8.2311E-05	8.3588E-05	8.4864E-05	8.507E-05	8.4995E-05	8.8825E-05	8.9219E-05	8.9534E-05
0.0008023	0.00116393	0.00123048	0.00136107	0.0016059	0.00192099	0.00222849	0.00231885
0.88358625	0.98195748	1.05627984	1.11075859	1.20564065	1.18817622	1.07114656	1.16751627

0.00168788	0.00160356	0.00151968	0.00173913	0.00173771	0.00184535	0.00172117	0.00185286
8.1712E-05	9.4708E-05	0.00011106	0.00010045	0.00013921	0.00010688	0.00015854	0.0001495
0.68101728	0.67011147	0.6977703	0.64762236	0.63920622	0.64383496	0.63987543	0.64844145
0.17069561	0.16703762	0.16636294	0.16650533	0.1638874	0.16465698	0.163385	0.17373342
0.02215846	0.02941616	0.05630095	0.01108814	0.06438591	0.07867145	0.10168537	0.10665645
0.12085644	0.12354707	0.12853609	0.12988602	0.1330222	0.13362856	0.13597851	0.13281054
0.20984435	0.21494669	0.21526056	0.19047707	0.16688704	0.20896725	0.17222611	0.20882303
0.0532415	0.0549424	0.05664599	0.06290641	0.06468607	0.06646528	0.06827993	0.05562155
0.16552536	0.16622147	0.16817451	0.17510876	0.18447154	0.19509229	0.19836511	0.1938261
1.27971192	1.3247403	1.36651207	1.38040553	1.39029356	1.40220155	1.40194035	1.43580523
0.10676613	0.10177587	0.10369143	0.10619774	0.09418229	0.06833923	0.07091013	0.07405014
0.00027369	0.00029138	0.00030781	0.0002046	0.00020836	0.00024695	0.00024374	0.00022981
0.00075789	0.00084692	0.00090172	0.00091331	0.00142593	0.00097297	0.00100735	0.00102041
0.0132372	0.0131017	0.01390554	0.01315583	0.01356389	0.0141566	0.01084477	0.01181933
0.21688468	0.22611335	0.24666661	0.26689742	0.27550047	0.29302111	0.23169671	0.22759888
0.00139285	0.00136263	0.00136757	0.00135032	0.00135226	0.00129254	0.00131409	0.00130499
8.5506E-05	9.865E-05	0.00012001	0.0001188	0.00018006	0.00012917	0.00014559	0.00016583
0.082744	0.08451175	0.0827047	0.08669403	0.085328	0.08033174	0.07610954	0.0736667
1.99380411	2.00363304	1.99427822	2.01004557	2.09040033	2.28021043	2.21314528	2.2868733
0.00029011	0.00031706	0.00035972	0.00032352	0.00039496	0.00035935	0.00051624	0.00042969
3.6017E-05	3.6635E-05	3.7966E-05	4.3391E-05	5.9046E-05	0.00032736	0.00029436	5.2878E-05
0.04206617	0.04255352	0.04294382	0.04347179	0.04442444	0.04486486	0.04532369	0.04607532
0.03136192	0.02366101	0.02363104	0.02382371	0.02397959	0.02295247	0.02250672	0.02225386
0.02984789	0.02997019	0.03057448	0.03038004	0.03345498	0.03305951	0.03313635	0.03207294
0.79631598	0.79805365	0.92091881	0.94022596	1.0175386	1.03088497	0.82331725	0.93930138
0.05701138	0.05492788	0.05682714	0.05499422	0.05069557	0.05647819	0.06020942	0.064065
0.13279166	0.13510631	0.12819761	0.1287331	0.12988189	0.13115284	0.13192443	0.1407343
12.3489387	12.6226411	13.0031057	13.171984	12.1017007	11.0611911	10.8085805	10.6159531
0.12228426	0.16056747	0.16360623	0.16639033	0.17730879	0.17143309	0.16331416	0.18098658
0.23413055	0.24050429	0.24699776	0.21179235	0.17578954	0.1794064	0.1865758	0.1864113
0.49386256	0.51111801	0.52908179	0.54758861	0.56615814	0.58539695	0.60537092	0.60677279
0.01281063	0.0139371	0.01537193	0.02739572	0.01835426	0.02010018	0.02187414	0.02374855
1.6613E-05	2.5415E-05	2.7434E-05	2.8588E-05	0.00018289	0.00018633	0.00014924	0.00019287
0.2644534	0.23160238	0.22846818	0.24440546	0.25064377	0.26766407	0.32487466	0.32190805
0.00401849	0.00417798	0.00432654	0.0044145	0.00446352	0.00450446	0.00467053	0.00464957
0.00338683	0.00349448	0.00382063	0.00378241	0.00391906	0.00355142	0.00354917	0.00339662
0.03674934	0.0221311	0.02652821	0.02949171	0.02516569	0.02310886	0.02043348	0.02154611
0.05673718	0.06730474	0.06601729	0.05980452	0.05772128	0.05665972	0.0509636	0.04529148
7.5332E-05	7.9639E-05	9.4736E-05	8.4176E-05	0.00013325	0.00010312	0.00013529	0.00013283
0.00058815	0.00056524	0.0099201	0.01030566	0.01030872	0.00886165	0.00811853	0.00744646
0.18116231	0.18692281	0.17825209	0.18027235	0.17731647	0.18475194	0.18721975	0.1941478
0.47344876	0.45898175	0.45378318	0.50894936	0.45248987	0.55780316	0.50402012	0.57890055
0.00683366	0.0069943	0.00693309	0.00682939	0.00696275	0.00676987	0.00682323	0.00672357
0.00011246	0.00011555	0.00011689	0.00010618	0.00012004	0.00010488	0.00011303	0.00011288
0.14432604	0.14070281	0.14093629	0.14823746	0.14956493	0.15709483	0.16176062	0.16577915
0.03470594	0.03645768	0.0402524	0.04303156	0.04190249	0.03826827	0.0386147	0.03936026
0.00573678	0.00611239	0.00678821	0.00655361	0.0073058	0.00707072	0.02168065	0.01952144
0.0206674	0.02078727	0.02124202	0.02125709	0.03458511	0.03543795	0.02439976	0.0211386
0.04034054	0.2626676	0.57383408	0.60178697	0.65252902	0.67958607	0.71878781	0.72986707
0.048204	0.0268197	0.02778194	0.02860952	0.02939648	0.03016919	0.03108857	0.03165615
0.00050179	0.00051588	0.0006325	0.0005873	0.00058851	0.00049244	0.00042177	0.00035136



0.74106266	0.8331212	0.82026963	0.71244694	0.75468917	0.68831702	0.67209816	0.65804093
0.04277982	0.03947295	0.03730523	0.03433741	0.03826547	0.03935045	0.03904102	0.0406386
1.83597915	1.89091778	1.943048	1.99995261	2.05969296	2.1163164	2.1744885	2.23449203
0.18981407	0.1873685	0.18637844	0.18482054	0.1858149	0.1862557	0.18238704	0.19727613
0.00114549	0.00135556	0.00092796	0.0009751	0.00455606	0.00344426	0.00264478	0.00413938
1.6292E-05	1.717E-05	1.781E-05	1.7917E-05	2.0228E-05	1.7336E-05	1.9643E-05	1.8712E-05
1.32046245	1.36465549	1.31877571	1.2658823	1.24042951	1.30760559	1.33279898	1.32104655
7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08
0.03752261	0.03876706	0.03977933	0.04081665	0.04265314	0.04388826	0.04491182	0.04782911
0.17174426	0.15706688	0.17857834	0.16330833	0.16068665	0.17478654	0.171862	0.19953334
0.0339341	0.03719943	0.03159819	0.0348992	0.04088997	0.03848085	0.02175566	0.02174859
0.0892312	0.08516344	0.08066569	0.07701269	0.0746922	0.07580637	0.07728937	0.07585187
1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08
0.17645151	0.1782017	0.18272901	0.18243621	0.18438617	0.18289189	0.18437387	0.17845141
0.00050806	0.00053411	0.00058031	0.00054653	0.00067802	0.00053004	0.00065234	0.00067464
0.01063233	0.01088236	0.01117979	0.01127292	0.01148196	0.01139557	0.01164065	0.01135812
0.03537731	0.03610193	0.03742096	0.03775047	0.03855324	0.03865498	0.03933307	0.03837562
0.00432971	0.00431898	0.00432162	0.00431853	0.00430787	0.00430418	0.00429495	0.00428686
0.35511753	0.30801175	0.31566322	0.32738679	0.29970828	0.28445338	0.2278328	0.2060959
3.4794E-05	3.7789E-05	4.5925E-05	4.1618E-05	5.8603E-05	4.5681E-05	6.3136E-05	6.3705E-05
	0.00070372	0.00071736	0.00071765	0.00073797	0.00074464	0.00064915	0.00060837
0.19201237	0.20048529	0.20847277	0.20925452	0.21598838	0.21911761	0.22434624	0.23353161
0.00113206	0.00118558	0.00125017	0.00128362	0.0013814	0.00137685	0.00148181	0.00152501
0.01481655	0.01766529	0.02634797	0.01786479	0.02137762	0.0222934	0.01085745	0.0195586
0.00146897	0.00145605	0.00106151	0.00099128	0.00094575	0.00098936	0.00096552	0.00090313
0.05387342	0.05600478	0.0586952	0.0616135	0.06375103	0.0672616	0.07061824	0.07368147
0.11453773	0.10832952	0.11109411	0.10796377	0.10449536	0.10743912	0.10868757	0.11045692
0.05862669	0.06019819	0.06182448	0.06350969	0.06517463	0.06696194	0.06874239	0.07066684
0.12191276	0.10942142	0.12325797	0.1329147	0.13055034	0.127388	0.14176017	0.16352483
2.78523438	2.92369709	2.85500553	2.74932318	2.64915254	2.64635355	2.55737236	2.45353422
6.74878808	6.87051689	6.75193292	7.06182324	6.88550534	6.85034675	7.09542863	7.31353036
0.11843699	0.11477567	0.1249254	0.12261629	0.11861276	0.12457511	0.10972001	0.10444315
1.12734635	1.11658664	1.18143396	1.30320854	1.31590684	1.36505902	1.38301792	1.35830155
0.01036531	0.0118023	0.01338702	0.01451987	0.01496524	0.01603755	0.01580114	0.01619247
0.00323578	0.0031726	0.00314096	0.00288636	0.00291194	0.0028038	0.00300124	0.00285429
0.00789739	0.00912177	0.00691888	0.00835037	0.0076508	0.00607744	0.00867345	0.00851518
0.94960872	0.88021623	0.95795153	0.98165474	1.01899956	1.05732559	1.04942092	1.00771164
0.0128016	0.02010517	0.02086284	0.03993568	0.04841582	0.01972729	0.01903552	0.01669694
0.00487691	0.00538031	0.00562779	0.00520907	0.00477553	0.00378987	0.00394001	0.00333114
1.25477538	1.31567994	1.27919878	1.15997864	1.15634846	1.01409175	1.16871127	1.1283783
0.19280918	0.15874534	0.19027948	0.21476954	0.2546294	0.19174164	0.21736778	0.20949621
0.28093775	0.28785332	0.29106148	0.29725388	0.30768317	0.31109686	0.31676565	0.32540513
0.00135375	0.00077252	0.01297609	0.01226766	0.03204092	0.02816357	0.02410493	0.02582848
0.077866	0.07828279	0.07908727	0.07954678	0.07991532	0.08041805	0.08109023	0.08081989
5.0683E-05	5.0801E-05	4.8248E-05	5.0501E-05	0.00018486	0.00020221	0.00016118	0.0001724
3.0057E-05	3.7273E-05	3.9233E-05	3.5524E-05	4.9702E-05	3.7269E-05	5.3971E-05	5.3423E-05
0.47099495	0.39524966	0.38555014	0.35493802	0.3628217	0.33095767	0.33929293	0.36769937
0.00028998	0.00030391	0.00033914	0.00034611	0.00038274	0.00046561	0.00042062	0.0004131
0.05117117	0.0524049	0.05367525	0.05494559	0.05940937	0.06384029	0.06192747	0.06030531
0.00683057	0.00868133	0.00774035	0.00786566	0.00788465	0.0080287	0.01115802	0.00757151
0.08169847	0.08555685	0.09113686	0.09479297	0.09794408	0.10043171	0.10441333	0.10449348

0.01016715	0.01031043	0.0103217	0.01005528	0.01027901	0.01054419	0.01132136	0.01156443
0.00016334	0.00016755	0.00017855	0.00016998	0.00019371	0.00017096	0.00019551	0.0001972
0.1419596	0.14344823	0.14550427	0.14628355	0.14525135	0.14602483	0.15247367	0.15519076
0.08315173	0.08458249	0.08640503	0.08741684	0.08899362	0.08963879	0.09106089	0.08862136
0.03807729	0.03842605	0.03983176	0.04047851	0.04029562	0.04144742	0.04104619	0.04222875
0.00844418	0.00840015	0.00833094	0.00836609	0.00858223	0.0086821	0.00946255	0.00963725
0.06093723	0.06383624	0.06570709	0.06841253	0.07043914	0.06476425	0.06982467	0.06287923
0.00103979	0.00113333	0.00077987	0.00077844	0.00498937	0.004133	0.00394407	0.00332606
0.18096725	0.23283911	0.23475792	0.23210204	0.22599984	0.22269616	0.2448943	0.24494815
0.02832864	0.02562055	0.02352409	0.02392883	0.02064556	0.02544342	0.02484135	0.04388569
0.1092674	0.11209412	0.11477908	0.11749609	0.12061569	0.12415389	0.12356591	0.12459136
0.00044924	0.0005176	0.00037266	0.00042779	0.00237289	0.00255889	0.00238027	0.00260534
0.92397577	0.96096997	0.99948271	1.0542542	1.09123402	1.11797412	1.13607975	1.12757823
0.01053565	0.01136963	0.01077909	0.0103873	0.00976689	0.00930914	0.00977642	0.00956316
0.0746645	0.07601185	0.0784908	0.07909848	0.08077119	0.08069993	0.08232613	0.0799447
0.00014384	0.00015037	0.00145204	0.0010942	0.00143345	0.00143443	0.00107988	0.00148906
0.4552989	0.46949122	0.47776961	0.4805509	0.48258428	0.484441	0.48642485	0.46462337
0.01364189	0.01462824	0.01731103	0.01727733	0.02143424	0.02231272	0.02448108	0.02625325
0.26646909	0.27442968	0.2806492	0.27235257	0.15312038	0.16277741	0.15264733	0.14215576
0.02743384	0.02852875	0.02950348	0.02979488	0.03082362	0.03099241	0.03186395	0.03126942
0.00047084	0.0005089	0.00055418	0.0005038	0.00063694	0.00051258	0.0006557	0.00064427
0.00103703	0.00104968	0.00106744	0.00104531	0.00102442	0.00101741	0.00101083	0.00101905
0.08277073	0.08390874	0.0860755	0.08648997	0.08759978	0.08774404	0.08889556	0.08685315
0.00850112	0.0081209	0.00810348	0.0087522	0.01168449	0.0100902	0.00842639	0.01544113
0.05771096	0.06048824	0.05457992	0.05631363	0.05805607	0.07534915	0.08086528	0.08569362
0.00108123	0.00097057	0.00077225	0.00074057	0.00533072	0.00525687	0.00463343	0.00515403
0.05836959	0.06304599	0.06509409	0.06694882	0.06878938	0.07121825	0.07302836	0.07552374
3.10196509	3.17218367	3.26069562	3.3455885	3.4410247	3.53220175	3.62231082	3.75075612
0.04196754	0.04240745	0.04293694	0.04598195	0.04628166	0.04635382	0.04638815	0.04679537
0.14861045	0.14505041	0.15035078	0.15050182	0.1508238	0.15383622	0.15150078	0.16128106
0.08731852	0.08427326	0.08519374	0.08253192	0.07928356	0.07895951	0.07947542	0.07699566
0.50252239	0.51440802	0.52454472	0.53353042	0.54008873	0.55315604	0.56892858	0.57604455
0.1039159	0.10610584	0.11287429	0.11553035	0.11728197	0.10770687	0.09476441	0.09231528
0.00188642	0.00155379	0.00295313	0.00453675	0.00355483	0.00408542	0.00493052	0.00630426
1.15201452	1.15739453	1.1574747	1.18259311	1.20819728	1.21693736	1.23459411	1.25151405
0.01794724	0.01460014	0.01427274	0.01204223	0.00825084	0.00782899	0.00786114	0.00820118
0.13166383	0.13653656	0.12858843	0.12527535	0.12236824	0.13276049	0.12794935	0.12445363
0.21677953	0.20484236	0.20753253	0.21289171	0.27297888	0.23080233	0.23177883	0.23817707
0.00082238	0.00066138	0.0004367	0.0004951	0.00055833	0.00048271	0.00080503	0.00068733
0.05456948	0.05452093	0.05350115	0.05347054	0.06292396	0.06127517	0.06118834	0.06061486
1.0521274	1.07328423	1.09743002	0.90992911	0.84251219	0.85264089	0.84231378	0.87674515
0.00453533	0.00566322	0.0056854	0.00602514	0.00558369	0.00577753	0.00526623	0.00609566
0.08837923	0.08982812	0.09305157	0.09474763	0.08369662	0.08959152	0.08520436	0.08347958
0.17063531	0.19298455	0.18773725	0.15063045	0.14912205	0.1373891	0.13466748	0.11222659
0.04563353	0.04436965	0.04272091	0.03652177	0.03718772	0.03805907	0.04005587	0.0400766
0.00054346	0.00049115	0.0003578	0.00034173	0.00244802	0.00248908	0.00215893	0.00234656
0.00017173	0.00010119	0.00011102	0.00025478	0.00025892	0.00034609	0.00033024	0.00041996
0.00567067	0.00633878	0.00556237	0.0050256	0.00482335	0.00415842	0.00435971	0.00421705
0.14934246	0.17167027	0.17339951	0.17518861	0.17277993	0.20137171	0.22262658	0.22952113
1.71372967	1.60779085	1.56133157	1.52354756	1.58562907	1.68074352	1.1755298	1.14776606
0.08914481	0.0891435	0.07563701	0.07747768	0.07931463	0.08121041	0.08503724	0.08711415

0.00289185	0.00296553	0.00337051	0.0033272	0.00347018	0.00368356	0.00367005	0.00376944
0.06090886	0.0606226	0.06358549	0.05967578	0.08391051	0.0800893	0.09668626	0.08932435
0.22631815	0.24484205	0.26692498	0.30526281	0.29264091	0.2585098	0.24343663	0.24091844
0.0231497	0.02284351	0.02260894	0.02368733	0.0247351	0.02538853	0.04301346	0.04168375
0.00026688	0.00028132	0.00023077	0.000208	0.00025437	0.00026288	0.00027559	0.00028278
2.5525E-08	2.7366E-08	2.3338E-08	2.0827E-08	2.1166E-08	1.6934E-08	1.5962E-08	1.5761E-08
0.00146919	0.0014616	0.00140939	0.00141024	0.0019992	0.00201611	0.00194217	0.0020451
0.08503638	0.08576665	0.08784271	0.08798502	0.08880197	0.0884247	0.08932709	0.0867642
0.01486534	0.01609722	0.01743869	0.01897424	0.01387891	0.0153528	0.01688559	0.01700741
0.16716901	0.17257572	0.1817321	0.1893908	0.19076727	0.20154049	0.21023152	0.20896445
1.7808E-05	1.8546E-05	2.0972E-05	1.9057E-05	2.3884E-05	1.9249E-05	2.4815E-05	2.495E-05
0.00172549	0.00178141	0.00182745	0.00182879	0.00185267	0.00182222	0.00185686	0.00180739
0.02762711	0.0305923	0.03350632	0.03418194	0.03157565	0.03193214	0.02867664	0.03434278
0.02796126	0.03073368	0.03003177	0.02866467	0.02908394	0.03208696	0.03404595	0.03187551
0.04885009	0.04663502	0.05097894	0.04806247	0.05014307	0.05076892	0.04670347	0.04761854
0.14922675	0.14067632	0.18458418	0.16124129	0.16938827	0.16080888	0.15239151	0.15880272
0.0210154	0.02031649	0.01960128	0.01934277	0.01907927	0.01880628	0.01854899	0.01712936
0.00147772	0.00216315	0.001693	0.00165841	0.00135907	0.00104957	0.00117563	0.00094978
0.12235734	0.16260806	0.23631062	0.24537823	0.25795874	0.25455381	0.18774294	0.16538986
2.3627E-05	2.6063E-05	3.2046E-05	3.2828E-05	4.5593E-05	3.8934E-05	5.0659E-05	5.1758E-05
0.09709877	0.09943745	0.10362329	0.10482573	0.10713798	0.10800697	0.11019718	0.10802542
0.03450145	0.03518348	0.03636089	0.03686508	0.03774318	0.03885285	0.0418025	0.04301976
1.18735127	1.26984291	1.1599238	1.18773825	1.23900268	1.24365466	1.22292897	1.25947853
0.00222198	0.00285967	0.00261214	0.00296122	0.00437332	0.00459087	0.0042739	0.00436687
0.01943027	0.02118223	0.02105942	0.02126367	0.02336857	0.0232064	0.02267838	0.02532985
0.00160634	0.00154442	0.00145468	0.0013972	0.00174373	0.00172976	0.00166314	0.00167865
9.0614E-05	7.9973E-05	6.3519E-05	6.7849E-05	0.00031248	0.00033468	0.00031898	0.00031619
0.0008217	0.00082122	0.00080389	0.00081688	0.00081253	0.00081137	0.00082708	0.0007961
0.14771649	0.15414883	0.15843108	0.15646933	0.15196416	0.15902039	0.15913683	0.14879962
1.1261189	1.22476033	1.22613793	1.27969142	1.37407641	1.76553081	1.69987256	1.74402232
0.02836386	0.02911428	0.02844549	0.02653084	0.02568613	0.04442582	0.04249488	0.04206812
0.48594365	0.48965786	0.51473693	0.52895324	0.52950282	0.53956646	0.55650209	0.56841514
0.26114782	0.26726947	0.27329103	0.2791584	0.28437946	0.29346394	0.30713879	0.31730912
0.44002878	0.47815738	0.44514539	0.4906969	0.46274687	0.48197675	0.44538768	0.4646655
0.06544957	0.06790767	0.06824426	0.06173667	0.06142985	0.06749706	0.06647519	0.06617199
5.67293576	6.62319021	6.8461895	6.88897833	6.56925171	6.75959027	6.19881211	7.2151022
0.02730157	0.02734565	0.026641	0.02795406	0.02657617	0.02767919	0.02468029	0.02767498
0.00012013	0.00012417	0.00012817	0.00012236	0.00013474	0.00011907	0.00015215	0.0001298
0.03859906	0.0472176	0.15557351	0.03392598	0.0754251	0.01959637	0.01876662	0.01814792
3.068E-05	3.3995E-05	3.8139E-05	3.7373E-05	4.6245E-05	4.0032E-05	5.2505E-05	5.3059E-05
0.60076765	0.60655938	0.62268302	0.61294621	0.61947655	0.62566336	0.63229769	0.63887674
0.00092825	0.00090958	0.00089062	0.00088767	0.00119064	0.00118126	0.00118267	0.00121516
0.00078388	0.00077371	0.00073608	0.00073666	0.00126574	0.00127611	0.00122195	0.00127134
0.20753114	0.23070613	0.24099345	0.25719522	0.28765737	0.31060753	0.10098177	0.08778039
0.53378873	0.54008346	0.50829983	0.51372466	0.53073513	0.52189431	0.50821121	0.46610544
0.14232036	0.14571175	0.14942046	0.15778483	0.16124077	0.16662168	0.17067524	0.17481318
0.27640723	0.2730146	0.28265845	0.28992986	0.29545039	0.29747672	0.30323061	0.305557
9.923E-06	1.0017E-05	1.0134E-05	1.0767E-05	1.113E-05	1.1254E-05	1.1567E-05	1.1227E-05
0.00301257	0.00312948	0.00329251	0.00338535	0.00347506	0.00359708	0.00369173	0.00382023
0.06763001	0.06676206	0.06517477	0.06083979	0.05822526	0.0586132	0.05856094	0.06403357
0.00033052	0.00016796	0.00026833	0.00017975	0.00042527	0.00056213	0.00021034	0.00014488

0.00765267	0.00901273	0.00982194	0.00948085	0.01042861	0.01074567	0.0065054	0.00361515
0.01375116	0.0126732	0.01296932	0.0136709	0.01333116	0.01291329	0.01235958	0.0130637
0.02583185	0.02416021	0.02341192	0.0231826	0.02340908	0.02397731	0.02577094	0.02441598
0.36805229	0.41318248	0.48819198	0.43750828	0.42181164	0.43259834	0.46905034	0.48524229
0.00259531	0.00324524	0.00418649	0.00428011	0.00480284	0.00613568	0.00434658	0.00591306
0.00231814	0.00238514	0.00309927	0.00357029	0.00437481	0.00734451	0.00565143	0.00399754
0.00194821	0.00194782	0.00194982	0.00195123	0.00186903	0.00187041	0.00190857	0.00191085
0.00592804	0.00552867	0.00449908	0.00468194	0.00474142	0.00464583	0.00424213	0.00442047
0.00623038	0.0064261	0.00665444	0.0069154	0.00717636	0.00743732	0.00769828	0.01288943
0.01566448	0.01609718	0.01656205	0.01704487	0.0167901	0.01727948	0.01813369	0.01867094
0.00404897	0.00408588	0.00408476	0.00416667	0.00420495	0.00422699	0.00421302	0.00433269
0.00087227	0.00089029	0.00095079	0.0009674	0.00099689	0.0014262	0.00150761	0.00145765
0.00180534	0.00180613	0.0018384	0.00182228	0.00207286	0.00221498	0.00203847	0.00221991
6.2965E-05	6.2003E-05	6.0915E-05	5.9885E-05	5.8784E-05	5.792E-05	5.6643E-05	5.5466E-05
0.00936309	0.00746833	0.00718705	0.00783804	0.00784414	0.00915382	0.00963116	0.00933585
0.00269325	0.00345012	0.00336731	0.00364746	0.00371945	0.00360192	0.00374912	0.00674939
4.1741E-05	4.1045E-05	4.037E-05	4.1721E-05	4.197E-05	4.1992E-05	4.188E-05	4.1551E-05
0.00460196	0.00422647	0.00403399	0.00364344	0.00378592	0.00413753	0.004233	0.00419402
0.557278	0.59408755	0.62223715	0.65115989	0.73172448	0.85298168	0.73875507	0.76996257
1.994E-05	1.9286E-05	1.8657E-05	1.8542E-05	3.3077E-05	3.2961E-05	3.2084E-05	3.1728E-05
0.00195569	0.00137476	0.00134279	0.0020294	0.00190887	0.00317786	0.00278682	0.00245412
0.00020405	0.00020969	0.00021816	0.00022275	0.00022679	0.00023446	0.0002368	0.00023769
0.00137122	0.0014055	0.00143978	0.00143978	0.00147406	0.00150834	0.00150834	0.00154262
0.00068187	0.00068174	0.00068244	0.00068293	0.00567562	0.00578269	0.00590068	0.00612181
0.06901062	0.06716284	0.08062932	0.08109897	0.09005435	0.08700001	0.09122803	0.09641581
0.00051382	0.00069072	0.00074929	0.000837	0.00073464	0.00081913	0.00075267	0.00076157
0.01245653	0.01282912	0.01174425	0.01122372	0.01203248	0.01173799	0.01106573	0.01006019
0.8506737	0.84462812	0.86570414	0.99712017	1.11249195	1.19675125	1.52505574	1.71488197
0.02706881	0.03400172	0.03566164	0.03617286	0.03761276	0.03824843	0.03534965	0.03718625
0.01139875	0.01066606	0.0104266	0.01056811	0.01048827	0.01128887	0.01164561	0.01131983
0.02375222	0.02366804	0.02418602	0.02479244	0.0259426	0.02651988	0.02688837	0.02765172
0.01560158	0.01586326	0.01828551	0.01984718	0.01753629	0.01735049	0.01865497	0.01938939
0.03182702	0.02653369	0.02629188	0.02556436	0.02592481	0.02390234	0.02879029	0.02680961
0.0010484	0.00108098	0.00111591	0.00111672	0.00113388	0.00116901	0.00122696	0.00126466
2.9905E-05	2.9899E-05	2.993E-05	2.9951E-05	2.869E-05	2.8711E-05	2.9297E-05	2.9331E-05
0.00036646	0.00031251	0.00015572	0.00020047	0.00023475	0.00021557	0.00016851	0.0001749
0.00374549	0.00347173	0.00360001	0.00354874	0.00327315	0.00317322	0.0044401	0.00338106
							6.1974E-07
0.00023215	8.0367E-05	6.8561E-05	6.8561E-05	0.00013712	0.00010284	3.2834E-05	3.2834E-05
0.00553477	0.00481027	0.00555838	0.00566481	0.00466471	0.00638356	0.00662246	0.00955277
0.02998749	0.03577648	0.02942744	0.03231347	0.0282809	0.02710897	0.02642216	0.02736405
0.00135339	0.00138214	0.00141323	0.00144173	0.00140781	0.0014371	0.00149403	0.00152489
1.5757E-05	1.5174E-05	1.4598E-05	1.4183E-05	1.3762E-05	1.3404E-05	1.2961E-05	1.255E-05
0.00310664	0.00313741	0.00281526	0.0027256	0.0027991	0.00241072	0.00209524	0.00190262
0.00313739	0.00314378	0.00328091	0.00338375	0.00347358	0.00343418	0.00330275	0.00342604
0.06409907	0.05644392	0.0561328	0.06255888	0.05522564	0.05991219	0.05037029	0.053235
0.01371351	0.01434952	0.01449154	0.01483255	0.0150009	0.01587465	0.01650861	0.01750308
0.06537686	0.06560293	0.0663634	0.06715142	0.06718945	0.06888251	0.07136114	0.07120947
0.00291384	0.00380512	0.00390797	0.00401081	0.00414793	0.00428505	0.00438789	0.00462785

0.01739855	0.01720673	0.01945514	0.0209762	0.02011924	0.01992984	0.0278195	0.02570411
0.00394059	0.00531039	0.00692292	0.00305424	0.00767477	0.00433226	0.00427567	0.00487504
0.03386903	0.03486317	0.0358573	0.03688571	0.0379484	0.03928534	0.0411022	0.04257626
0.00167029	0.00175478	0.00176738	0.00180202	0.0022348	0.00212399	0.00225169	0.00219539
7.4348E-05	7.5267E-05	7.7104E-05	7.7628E-05	7.7988E-05	7.9002E-05	7.9362E-05	8.0373E-05
6.9461E-06	6.5921E-06	6.3078E-06	6.0119E-06	5.7198E-06	5.5162E-06	5.2269E-06	5.0612E-06
0.02186864	0.02088838	0.01478357	0.01581253	0.01666663	0.01811613	0.01583012	0.01409832
0.02159146	0.01882601	0.01687247	0.01411446	0.01174585	0.01272477	0.0121991	0.01199514
0.04836226	0.04533945	0.04803991	0.04280622	0.03712647	0.03601478	0.0352581	0.03296063
0.00016348	0.00018166	0.00022707	0.00023044	0.00016957	0.00010699	0.00010192	0.0001004
0.02643634	0.0273661	0.02807022	0.02895213	0.02974208	0.04087004	0.04169929	0.04170116
0.00964065	0.0098692	0.0101155	0.01035331	0.01014259	0.01038156	0.0108346	0.01109447
0.0001285	0.00012519	0.00012189	0.00011907	0.00011615	0.00011374	0.00011057	0.00010768
0.00163143	0.00167016	0.00171191	0.00175231	0.00171639	0.00175819	0.00183433	0.00187852
0.00178057	0.00181803	0.00185853	0.00190268	0.00186448	0.00190879	0.00199255	0.00204082
0.0087839	0.01016239	0.01024642	0.00998107	0.01040282	0.00988607	0.00862241	0.00897668
0.00364146	0.00390665	0.004229	0.00480085	0.00486145	0.00440163	0.00409675	0.00434059
0.00113012	0.00123294	0.00123711	0.00128835	0.00143762	0.00216928	0.00231918	0.00189147
0.00030486	0.00031567	0.0003265	0.00033579	0.00034546	0.00035303	0.00036386	0.00037293
3.4278E-05	3.4278E-05	3.4278E-05	3.4278E-05	3.4278E-05	3.4278E-05	6.8561E-05	6.8561E-05

							1.6729E-05
0.00231903	0.00238018	0.00238596	0.00226267	0.00252474	0.0018345	0.00260123	0.00232226
0.0309552	0.03194933	0.03308059	0.03431468	0.03558306	0.03688571	0.03829121	0.03959386
0.00129563	0.00147437	0.00126284	0.00210756	0.00135619	0.00151061	0.001402	0.00114735
0.07940187	0.07362122	0.07230166	0.07226958	0.06774451	0.06620497	0.06933024	0.06383702
0.18243208	0.18430591	0.18269682	0.17799814	0.18391417	0.18502599	0.18694067	0.19353142
0.0006902	0.00069826	0.00071637	0.00089475	0.0008967	0.00063068	0.0006392	0.00052345
0.12159809	0.11851704	0.13328455	0.12412029	0.11516703	0.11340695	0.12084154	0.12133571
0.05463466	0.06632689	0.05973388	0.0615517	0.05776702	0.06269108	0.06942981	0.07727201
0.00514573	0.00431398	0.00437565	0.00601136	0.00447502	0.00452301	0.0044622	0.00628853
0.02392013	0.02394914	0.02889184	0.02146719	0.02237506	0.0210186	0.01993045	0.02137568
0.00143205	0.00145256	0.00145256	0.00148684	0.00152112	0.00154262	0.00154262	0.00119981
0.00099374	0.00089721	0.0009606	0.00097352	0.00110419	0.00113059	0.00108347	0.00101557
0.03475575	0.03381404	0.03368328	0.03340923	0.03376071	0.0315036	0.03167214	0.03435067
0.05358513	0.05547725	0.0573572	0.05797541	0.05418413	0.12082852	0.08747471	0.09057106
0.06338903	0.06516031	0.06696823	0.06885365	0.07077974	0.07275779	0.07478161	0.07683844
2.727E-06	2.8843E-06	3.0102E-06	2.7209E-06	2.6227E-06	2.7097E-06	2.9193E-06	3.1815E-06
0.01302215	0.01311861	0.01324722	0.01331153	0.01340799	0.01350445	0.01353661	0.01356876
9.7456E-06	1.0004E-05	1.0392E-05	1.0638E-05	1.0865E-05	1.1179E-05	1.1434E-05	1.1783E-05
0.02289402	0.02229349	0.02263196	0.02649873	0.02741488	0.02622506	0.025107	0.02551144
0.03240346	0.03271313	0.03322226	0.03279081	0.03078029	0.02927497	0.02621062	0.02601982
0.00353688	0.00360119	0.00369765	0.00376195	0.00417995	0.00495163	0.00588408	0.00598055
0.00037708	0.00037708	0.00037708	0.00037708	0.00037708	0.00010284	0.00010284	0.00010284
0.00568712	0.00595326	0.00623945	0.0079025	0.0064793	0.00674907	0.00716791	0.0074695
0.0429858	0.04097128	0.04317358	0.04182673	0.03833489	0.03926569	0.03546592	0.03817736
2.0324E-05	1.9838E-05	1.9344E-05	1.8969E-05	1.8575E-05	1.8258E-05	1.7814E-05	1.7404E-05
0.00133266	0.00177101	0.00170808	0.00152977	0.00167253	0.00282501	0.00050032	0.00173187
0.00271567	0.00277331	0.00283565	0.00289622	0.00283158	0.0028929	0.0030117	0.00307745
0.00169061	0.00198322	0.00223217	0.00190463	0.00200811	0.00235313	0.0021715	0.00187164

0.0003339	0.0003339	0.00026712	0.00023373	0.00030051	0.00030051	0.0003339	0.00030051
4.5915E-05	5.2539E-05	4.0716E-05	4.0309E-05	4.4003E-05	4.4173E-05	4.3673E-05	4.546E-05
0.00065757	0.00126254	0.00148588	0.00126888	0.0013303	0.00129945	0.00190515	0.00267063
	2.9437E-07	1.8399E-07	1.4719E-07	2.9437E-07	5.5195E-07	7.6215E-06	4.0403E-07
0.01786009	0.0192313	0.02070536	0.0222137	0.02389344	0.02577886	0.02687583	0.02831561
2.2237E-05	2.2761E-05	2.3612E-05	2.4029E-05	2.4439E-05	2.5043E-05	2.5473E-05	2.6112E-05
0.06271937	0.06105737	0.0613554	0.06355286	0.06549223	0.07109423	0.06672922	0.06437605
0.00064573	0.00064573	0.00070405	0.00069347	0.00071669	0.0004352	0.0004244	0.00047248
0.00345025	0.00356439	0.00368681	0.00380962	0.00376921	0.00389357	0.00410235	0.00424099
0.00926644	0.00517216	0.0030448	0.00219974	0.00225812	0.00222582	0.00218637	0.00184677
0.00095997	0.00095999	0.00095998	0.00099303	0.00101687	0.00101737	0.00104343	0.00104754
0.01296358	0.01325713	0.01354182	0.0138174	0.0207675	0.01477585	0.01504181	0.01531453
0.00475522	0.00493546	0.00513268	0.00579867	0.00570215	0.00565614	0.005916	0.0060908
0.00011448	0.00011095	0.00010747	0.00010454	0.00010148	9.8905E-05	9.5684E-05	9.2702E-05
		3.428E-05	3.428E-05	3.428E-05	3.428E-05	3.428E-05	3.428E-05
0.01355725	0.01384564	0.01415743	0.01450371	0.01422336	0.01457056	0.01522014	0.01559969
0.0342931	0.03551472	0.03618867	0.03667559	0.03500038	0.03986856	0.03214461	0.0249413
0.00250247	0.0034966	0.0034966	0.00356516	0.00394225	0.00497066	0.00497066	0.00486782
1.6075E-05	1.6484E-05	1.7104E-05	1.7402E-05	1.7703E-05	1.8111E-05	1.8403E-05	1.8472E-05
0.00106269	0.00109697	0.00113125	0.00116553	0.00119981	0.00123409	0.00130266	0.00133694
0.24268569	0.23606663	0.23160089	0.22015755	0.23626949	0.22249824	0.20153584	0.21801285
0.00044581	0.00045621	0.00045493	0.00037594	0.00037974	0.00037209	0.00037526	0.00046391
0.00943527	0.00953414	0.00977888	0.00906283	0.00951609	0.00935092	0.0071145	0.00708002
0.01352963	0.01307344	0.01347704	0.01299249	0.01290833	0.01374277	0.01488962	0.01346249
0.00033089	0.00033089	0.00033089	0.00033089	0.00033089	0.00033089	0.00033089	0.00033089
0.00112647	0.00109496	0.00110701	0.00104791	0.00123872	0.00147796	0.00155528	0.00162808
0.02709284	0.02547655	0.02386895	0.02151718	0.01953835	0.01923668	0.01810814	0.01689008
0.00989669	0.01020806	0.010412	0.01064513	0.01095117	0.01102456	0.01108288	0.01075855
3.428E-05	6.8561E-05	6.8561E-05	6.8561E-05	6.8561E-05	6.8561E-05	6.8561E-05	6.8561E-05
0.00909828	0.00949998	0.00974755	0.00958081	0.00983399	0.01002818	0.01073701	0.01123577
0.03504168	0.03467755	0.03660106	0.03763175	0.03994351	0.04126849	0.04330082	0.04538653
1.43E-05	1.3181E-05	2.1667E-05	2.0362E-05	1.4898E-05	1.527E-05	1.9721E-05	1.4872E-05
0.00087573	0.00109033	0.0025854	0.00316795	0.0020729	0.00317831	0.00097792	0.00048894
0.01975016	0.01991098	0.01814045	0.01676218	0.02074414	0.01921416	0.01746843	0.01615577
5.8278E-06	5.6679E-06	5.2576E-06	5.2201E-06	5.6167E-06	5.6108E-06	5.7504E-06	5.548E-06
0.00510081	0.00516938	0.00522515	0.00524026	0.0053216	0.00535588	0.00540295	0.00547151
0.00563495	0.0049054	0.00530579	0.00464308	0.00480079	0.00560064	0.00528487	0.00427963
0.00684869	0.00726668	0.0075239	0.01639826	0.02199297	0.02331126	0.01524074	0.01543366
0.02659203	0.02567657	0.0246951	0.02559575	0.02739783	0.02738715	0.02773047	0.02864849
0.00046984	0.00047186	0.00047446	0.00047568	0.00045648	0.00045769	0.00046789	0.0004693
0.01314619	0.01106705	0.0104204	0.00990688	0.00860424	0.0085144	0.00606662	0.00769246
0.45804208	0.43024488	0.54708631	0.49692901	0.74273753	0.68204436	0.64266344	0.59207539
0.00726668	0.00726668	0.00726668	0.00726668	0.00726668	0.00726668	0.00726669	0.00758825
0.06713303	0.06510462	0.06754882	0.07142723	0.06630359	0.06814616	0.06343574	0.06172409
2.9724E-05	2.5132E-05	2.4812E-05	2.476E-05	2.8793E-05	0.00011483	0.00066597	0.00059156
0.08209691	0.07733371	0.07237743	0.06854295	0.06452721	0.06342208	0.06553022	0.06748628
0.01153625	0.011469	0.01101202	0.01338239	0.01576938	0.01615524	0.01808325	0.01756634
0.01013777	0.01202143	0.00896208	0.00875509	0.00885475	0.00887008	0.00436382	0.00439358
1.5543E-07	1.7173E-07	1.7742E-07	1.6584E-07	1.6917E-07	1.7061E-07	1.5658E-07	1.4633E-07
3.4829E-05	3.5922E-05	3.7479E-05	3.8406E-05	3.9265E-05	4.0504E-05	4.1406E-05	4.2648E-05

0.01039237	0.01065362	0.01093481	0.01122529	0.01103039	0.01132223	0.0118525	0.01217298
0.00063489	0.00066917	0.00066917	0.00067045	0.00029336	0.00029082	0.00029336	0.00029082
0.02620692	0.02699256	0.02804759	0.03034949	0.02843103	0.03199962	0.03463122	0.03606314
0.00025307	0.00025877	0.00026492	0.00026943	0.00026226	0.00026672	0.00027658	0.0002814
7.4105E-05	7.255E-05	7.475E-05	7.8209E-05	9.0114E-05	9.3868E-05	8.0789E-05	9.3037E-05
0.00190854	0.00207435	0.00204829	0.00180357	0.00195285	0.001682	0.00179177	0.00176313
4.7783E-06	4.8264E-06	3.8419E-06	3.8419E-06	2.8814E-06	2.8814E-06	2.8814E-06	6.6993E-06
0.00126806	0.00147453	0.00146798	0.00147467	0.00134703	0.00147703	0.00154056	0.00142714
0.00116553	0.00119981	0.00123409	0.00130265	0.00133694	0.00137122	0.0014055	0.00147406
0.01578115	0.01367409	0.01323816	0.0118085	0.01081718	0.00968711	0.01085295	0.01006207
5.5955E-06	5.7214E-06	5.7671E-06	5.8951E-06	6.003E-06	6.1781E-06	6.2936E-06	6.404E-06
0.01154848	0.01226879	0.01261453	0.01290303	0.01281755	0.01276293	0.01322553	0.0135214
0.01652315	0.01693452	0.01744872	0.01775725	0.01816861	0.01861426	0.02001975	0.02060252
0.1242472	0.13748042	0.14304622	0.14888504	0.1577112	0.16561368	0.15649268	0.17422339
7.616E-07	8.8287E-07	9.5748E-07	9.7885E-07	1.0356E-06	1.0443E-06	1.0649E-06	1.1174E-06
0.01784357	0.01729298	0.01827586	0.01938567	0.01599741	0.01841323	0.01365674	0.01409612
0.00035831	0.00133103	0.00080805	0.00087825	0.00074833	0.00070969	0.00070753	0.00060158
8.3725E-06	8.4264E-06	8.5861E-06	8.5649E-06	8.5299E-06	8.5968E-06	8.5586E-06	8.5908E-06
0.0038208	0.00397243	0.00474782	0.00621995	0.00579614	0.00596126	0.0051309	0.00531708
0.00860144	0.00897954	0.00956379	0.01027603	0.01069079	0.01191046	0.01069793	0.00993072
0.00814217	0.00804932	0.00722073	0.00703567	0.00722356	0.00631511	0.0051035	0.00421558
0.00955424	0.00998524	0.01283423	0.01248544	0.01250779	0.01036818	0.01047072	0.00992512
0.03596014	0.03720735	0.03841564	0.03965127	0.04092027	0.04225748	0.04363032	0.04503775
0.03047528	0.03129801	0.03212073	0.03301203	0.03390332	0.03482889	0.03729708	0.03990239
0.0062798	0.00598156	0.02015831	0.02174159	0.01908875	0.01830993	0.01770424	0.01791903
0.00047332	0.00053022	0.00047143	0.00047141	0.00040535	0.00051332	0.00046065	0.00045219
0.24691139	0.24371792	0.23675188	0.24113606	0.24060178	0.23916177	0.23694703	0.24776747
0.01579263	0.01485784	0.01583112	0.01673019	0.01428564	0.0168845	0.01172532	0.01255771
2.2125E-05	2.1642E-05	2.1086E-05	2.0604E-05	2.0161E-05	1.9748E-05	1.9201E-05	1.8695E-05
0.06441436	0.07043941	0.07169852	0.06865629	0.0704343	0.08130746	0.08051501	0.0711336
3.2801E-06	3.3582E-06	3.4242E-06	3.3853E-06	3.3979E-06	3.42E-06	3.3602E-06	3.2536E-06
0.01554804	0.01553324	0.01541444	0.01493567	0.01508066	0.01474378	0.01507937	0.01480403
1.3965E-05	1.4402E-05	1.5026E-05	1.5464E-05	1.5875E-05	1.6412E-05	1.6847E-05	1.7419E-05
1.3599E-05	1.3621E-05	1.3813E-05	1.3718E-05	1.36E-05	1.3592E-05	1.4986E-05	1.5484E-05
0.01066853	0.01065338	0.01305184	0.01645358	0.01737322	0.01503365	0.01610743	0.01569782
0.20535179	0.21387108	0.18118997	0.17721356	0.20255393	0.20777378	0.13008006	0.25971151
0.03121126	0.03197562	0.03280745	0.03371437	0.03461985	0.0356006	0.03658263	0.03756339
0.00070412	0.00069291	0.0006817	0.00067049	0.00063621	0.00057951	0.00048788	0.0005215
5.084E-05	4.885E-05	4.6236E-05	4.4839E-05	4.1175E-05	3.3867E-05	3.993E-05	4.2835E-05
0.00200901	0.00200975	0.00206724	0.00224787	0.00343102	0.00445955	0.00590102	0.00682586
0.0063317	0.00662282	0.0061514	0.00676286	0.00709167	0.00730054	0.00751795	0.00777051
2.7333E-06	3.1983E-06	2.4075E-06	2.3313E-06	2.4348E-06	2.3549E-06	2.324E-06	2.2975E-06
0.0024232	0.00147127	0.00138103	0.00178964	0.00165725	0.00139846	0.00239719	0.00292929
0.00104186	0.00104186	0.00104826	0.00106743	0.001093	0.00111857	0.00111217	0.00111217
0.0237387	0.02321274	0.02397025	0.02561976	0.02754022	0.0353035	0.03810275	0.04516215
0.09047039	0.09075152	0.08616753	0.08187652	0.07803516	0.07831105	0.07449821	0.06931563
0.00046663	0.00051831	0.00064188	0.00067872	0.00055284	0.00063505	0.00045429	0.00024368
1.7857E-05	1.6774E-05	1.4368E-05	1.4213E-05	1.3864E-05	1.1904E-05	1.5806E-05	1.8106E-05
0.18564408	0.19054775	0.18889117	0.17667104	0.17580573	0.18658467	0.21374947	0.24917216
0.05821743	0.0622235	0.07252575	0.07776221	0.08117426	0.07879528	0.07562898	0.07984893

0.00253479	0.00267143	0.00217088	0.00213154	0.00201738	0.00213238	0.00138117	0.00104077
0.00134691	0.00135215	0.00137356	0.00128152	0.00148364	0.00147507	0.00133202	0.00140766
0.05244639	0.04793572	0.04859252	0.0488897	0.04448999	0.05049455	0.04875155	0.05980984
0.00035562	0.00036939	0.00035144	0.00051811	0.00061033	0.00054214	0.00052653	0.00051703
0.00215505	0.00209487	0.00214619	0.00209524	0.00241579	0.00261526	0.00247321	0.00254425
0.01135749	0.00939364	0.01072024	0.010627	0.01101643	0.0114321	0.01335753	0.01461114
0.01862131	0.01934084	0.0182502	0.01817632	0.01901046	0.01413501	0.00892879	0.01432886
5.5714E-05	6.4729E-05	8.0708E-05	9.1298E-05	9.8453E-05	0.00011295	0.00013933	0.00034201
0.00038466	0.0003784	0.00036418	0.00036637	0.00031617	0.00027501	0.00027265	0.00030021
0.00107144	0.00197407	0.00268411	0.0028471	0.00304442	0.00320729	0.00168717	0.0016223
0.00515872	0.00533736	0.00535437	0.00550208	0.00550334	0.006165	0.00583067	0.00614504
0.00169603	0.00166085	0.00165994	0.00189038	0.00138465	0.00114532	0.00115185	0.00125979
1.8686E-05	1.7472E-05	1.5525E-05	1.681E-05	1.7931E-05	1.4387E-05	1.4515E-05	2.0085E-05
0.03294801	0.03450329	0.03576661	0.03785396	0.04008244	0.04119146	0.0427829	0.0454785
1.54854222	1.66437754	1.68390583	1.84199168	1.94986442	1.92990322	1.88041613	2.06276886
0.00066681	0.00067654	0.00069237	0.00070115	0.00069167	0.00068376	0.00069883	0.0007247
0.00028243	0.00025489	0.00025489	0.00119306	0.001168	0.00128564	0.00093931	0.00077343
0.00535153	0.00551112	0.00534401	0.00562841	0.00510606	0.00486506	0.00449192	0.00415617
0.00291469	0.00203883	0.00316024	0.00334474	0.00418601	0.00385005	0.00330098	0.00137832
0.0003069	0.00029963	0.00030889	0.00029234	0.00032186	0.00031306	0.00028876	0.00028868
0.49279131	0.54968937	0.52075669	0.49278693	0.47435486	0.42670998	0.39358427	0.3759494
0.02629154	0.02677764	0.0268011	0.02865284	0.02808512	0.02612432	0.02446149	0.02608481
0.05666139	0.06589858	0.06900474	0.08173116	0.08964138	0.0952947	0.08903849	0.07444848
3.9752252	5.28905728	6.84827839	7.24817534	7.68477398	8.2446754	8.71877258	9.35566151
0.00104258	0.00109674	0.00075825	0.00107537	0.00080708	0.00106525	0.00129308	0.00124854
0.00321088	0.00331158	0.00327962	0.00276144	0.0024546	0.00255141	0.0031036	0.00326157
0.13396166	0.13867565	0.14355819	0.14859329	0.15363147	0.1588424	0.16421972	0.16624756
8.3093E-05	4.4742E-05	4.4742E-05	7.031E-05	5.7526E-05	0.00013423	0.00011505	6.3918E-05
9.6944E-06	1.7156E-05	2.6882E-05	2.7931E-05	2.5859E-05	2.3953E-05	1.778E-05	2.1777E-05
0.1178655	0.08730476	0.09149035	0.08666998	0.09565304	0.09262981	0.09203046	0.0801564
5.7135E-05	5.9381E-05	6.2088E-05	6.9694E-05	6.043E-05	6.2646E-05	6.8457E-05	8.2684E-05
0.00010723	0.00011217	0.00017315	0.00019823	0.00023551	0.00023157	0.00022709	0.00027762
0.01069158	0.01818934	0.02076299	0.02244797	0.02785033	0.02614285	0.02739896	0.02696808
0.09099072	0.09002449	0.05974884	0.05694673	0.05929982	0.05664026	0.05559647	0.05061029
1.6463E-05	1.4105E-05	1.2256E-05	1.1911E-05	1.327E-05	1.1485E-05	1.3488E-05	1.6051E-05
0.00321996	0.00325694	0.00233373	0.00205758	0.00229843	0.00233704	0.00203345	0.00195483
0.05519265	0.05790601	0.06509202	0.06409106	0.05992686	0.05628668	0.06068033	0.04618318
0.20069954	0.21087805	0.21286866	0.2213077	0.24392542	0.23216947	0.23434499	0.26085718
0.00023048	0.00022083	0.00022662	0.00023114	0.00025445	0.00027506	0.00025199	0.00031764
7.7955E-05	7.5638E-05	7.4533E-05	7.2129E-05	5.8579E-05	5.0728E-05	5.1013E-05	5.4101E-05
0.01400036	0.0147609	0.01443577	0.01505134	0.01557794	0.01660824	0.01423482	0.0147982
0.02549009	0.02650203	0.02437219	0.02456276	0.02476983	0.02460449	0.02488384	0.02366953
0.01014958	0.01222146	0.01210563	0.01234111	0.0138982	0.01322648	0.01178453	0.0116102
0.0247561	0.02708541	0.03018536	0.02404981	0.02742031	0.02030488	0.01536051	0.01601577
0.05394586	0.05325699	0.05842559	0.05738326	0.0605442	0.0573607	0.0540932	0.05442826
8.4079E-05	7.7195E-05	6.4411E-05	5.1627E-05	4.5236E-05	3.8844E-05	5.1627E-05	3.8844E-05
5.4816E-05	5.4308E-05	5.8527E-05	6.4592E-05	7.0239E-05	6.4035E-05	7.0085E-05	7.9496E-05
0.12919673	0.12698415	0.1250429	0.12701899	0.13286815	0.12285605	0.10502316	0.10572859
0.0068015	0.00688508	0.00742086	0.00552424	0.00655999	0.00778759	0.00549181	0.00617648
0.0044386	0.00484718	0.00460466	0.00451168	0.00465023	0.00306208	0.00336099	0.00428917
0.18156815	0.18902089	0.16789686	0.19124641	0.19127173	0.1821423	0.14691163	0.16865597



0.00410897	0.00451554	0.00403933	0.0045519	0.00366921	0.00316623	0.00247279	0.00211053
8.0871E-06	7.7656E-06	7.4954E-06	7.3429E-06	5.9466E-06	5.138E-06	5.2799E-06	5.6024E-06
0.15434137	0.15288024	0.15528017	0.13699707	0.14274965	0.1342209	0.12388136	0.13239397
0.03862853	0.05288149	0.06762399	0.08204554	0.09594521	0.11029444	0.12451796	0.13864486
0.10270392	0.09953439	0.09049275	0.09105996	0.0963093	0.1038937	0.08757033	0.09186791
0.002273	0.00187579	0.00031268	0.00036793	0.0003996	0.00085659	0.00088837	0.00057466
0.02712178	0.0253426	0.02373058	0.02237139	0.02126061	0.020536	0.02032215	0.01990201
0.00218267	0.00216463	0.00223877	0.00215881	0.0023665	0.00242884	0.00232219	0.0024878
0.00020612	0.00019453	0.00018513	0.00018138	0.00015367	0.00013083	0.00013994	0.00015745
0.00015045	0.00015194	0.00016162	0.00017102	0.00019155	0.00019816	0.00020535	0.00022758
0.00035008	0.00034952	0.00036719	0.0003497	0.00039511	0.00040862	0.00038958	0.00039732
0.00037598	0.00134055	0.00137107	0.00133264	0.00152599	0.00120473	0.00081262	0.00086743
0.03049687	0.0285618	0.02893972	0.0281794	0.03226255	0.02905353	0.02221934	0.02414414
1.9367E-05	1.802E-05	1.814E-05	1.8523E-05	1.9342E-05	1.6851E-05	1.8057E-05	1.9914E-05
	0.00010914	0.00012278	0.00011596	0.00012278	0.0001296	8.8674E-05	0.00034816
0.01946776	0.02318312	0.01820779	0.00359202	0.00343519	0.00302152	0.01731829	0.00536938
0.00086024	0.0008841	0.00093472	0.00095329	0.00079897	0.00074491	0.00078755	0.00087079
0.01357164	0.0150128	0.01226136	0.01231254	0.0125654	0.01181835	0.01135672	0.01094825
0.00598817	0.00372896	0.00374455	0.00376484	0.00463692	0.00524691	0.00437853	0.00393819
0.02082117	0.02012637	0.027368	0.02994074	0.03324722	0.02496552	0.01696255	0.02384334
0.00787785	0.00941003	0.00860993	0.00917275	0.00927967	0.00910557	0.00767725	0.0074387
0.00760218	0.00785969	0.00803025	0.00821919	0.00844461	0.00554553	0.00552806	0.00501261
0.01040078	0.01106257	0.01190609	0.01243736	0.01272587	0.01225653	0.00924572	0.00916111
0.55022679	0.52917405	0.52477804	0.60054331	0.65017582	0.55908104	0.57391354	0.67559995
1.90987203	2.03012599	2.15840489	2.346572	2.5196496	2.61552686	2.787894	3.09206443
0.0140143	0.01516746	0.01720765	0.01687339	0.01547089	0.01428228	0.01229123	0.01291787
0.07697268	0.07628283	0.07563952	0.07688349	0.08660619	0.09117393	0.08161832	0.07933292
0.01258194	0.01436652	0.01471579	0.01404445	0.01689626	0.01388076	0.01444618	0.01533592
0.00231998	0.00256129	0.00246071	0.00223651	0.00231851	0.00202663	0.00174643	0.00174416
0.00218474	0.00185529	0.00173531	0.00188086	0.00206233	0.00359847	0.00364623	0.00622953
0.12001758	0.11396782	0.11013923	0.10031683	0.0992635	0.09997614	0.07548217	0.08149766
0.01064406	0.01291483	0.0111026	0.01582098	0.0158263	0.01281032	0.00896393	0.0064574
0.0044799	0.00543498	0.00615633	0.00624457	0.0062415	0.0054979	0.00562017	0.00487619
0.5540291	0.55110707	0.58116197	0.57691942	0.58421502	0.5319684	0.49696837	0.52960307
0.07407402	0.10331274	0.12249505	0.07464839	0.12513615	0.22627047	0.17215635	0.18881631
0.01578727	0.01814881	0.01800093	0.01862002	0.01932228	0.01966352	0.01923424	0.02173886
0.00692043	0.00653708	0.0013167	0.00084153	0.00176972	0.00213229	0.00113271	0.00176827
0.0255912	0.02821327	0.02881975	0.02941127	0.03001424	0.03061429	0.02894992	0.03057929
1.6881E-05	1.8941E-05	2.3192E-05	2.4958E-05	2.4779E-05	2.4817E-05	1.8009E-05	1.8229E-05
0.00032024	0.00028978	0.00028825	5.0266E-06	4.9496E-06	4.1508E-06	5.3738E-06	6.4211E-06
0.21751203	0.21679278	0.19440282	0.21476364	0.23222873	0.24519997	0.21113568	0.23180009
0.00535863	0.00524749	0.00726795	0.00766422	0.00624409	0.00790515	0.00928533	0.00961669
0.00268824	0.00282582	0.00291299	0.00358477	0.00382262	0.00448752	0.00491915	0.00636287
0.00425832	0.00489111	0.00484637	0.00273068	0.00220016	0.00307584	0.00344656	0.00294178
0.00077534	0.00079675	0.00087455	0.00084654	0.00094896	0.00098843	0.00093487	0.0010446
0.00329867	0.00367121	0.0039151	0.00237994	0.00207791	0.00377612	0.00460777	0.00435124
0.00010155	9.821E-05	9.7215E-05	9.5156E-05	7.8084E-05	6.8879E-05	7.0877E-05	7.6791E-05
0.05978825	0.0639719	0.06769016	0.07144495	0.07057223	0.064079	0.06345331	0.07107421
0.00034273	0.00034123	0.00035518	0.00033999	0.00040793	0.00039214	0.00039225	0.00041174
0.00645882	0.00671294	0.00690282	0.00701684	0.00695816	0.00625283	0.00462466	0.00528169
0.00215453	0.0026693	0.00354827	0.00381267	0.00367374	0.00367279	0.00296073	0.00337963

0.0047056	0.00615207	0.00707741	0.0081478	0.0073188	0.00761976	0.01002397	0.01287017
0.00057137	0.00071952	0.00069287	0.00069109	0.00070794	0.00052601	0.00046423	0.00042027
0.01506362	0.01545272	0.01564512	0.0167017	0.01693213	0.01836327	0.01722021	0.01806005
0.00036599	0.00041959	0.0006303	0.00046655	0.00049552	0.00097189	0.00072153	0.000923
0.00697474	0.00703802	0.00754938	0.0075909	0.00751817	0.0078415	0.00800015	0.00952087
0.00019695	0.0002708	0.00024158	0.00029374	0.00032929	0.00032366	0.0002781	0.00028848
0.12910427	0.13649135	0.15667473	0.17580695	0.15342153	0.16439255	0.12022966	0.14603554
0.00326811	0.00243233	0.00376308	0.00393595	0.00455927	0.0042287	0.00247351	0.00338407
0.00080784	0.00080533	0.00085014	0.00086217	0.0010125	0.00110893	0.0011896	0.00126341
		5.2576E-05	5.3795E-05	6.6515E-05	6.6515E-05	4.2029E-05	5.4272E-05
0.02194176	0.01931116	0.01981348	0.02030871	0.02046691	0.02092104	0.0205336	0.0208473
0.00211348	0.00202306	0.00217944	0.00779095	0.00509944	0.00510862	0.00432968	0.00489641
0.00737217	0.00713619	0.00827839	0.00766744	0.00785049	0.00917368	0.00843007	0.01019787
0.00048664	0.00050423	0.00054936	0.0005622	0.00066413	0.00077316	0.00076787	0.00083949
0.00028095	0.00027189	0.0002653	0.00026496	0.00025007	0.00023409	0.00024917	0.00026638
0.00681071	0.006828	0.00630204	0.00628274	0.00554691	0.00387003	0.00347247	0.00392046
0.0099393	0.01007163	0.01043975	0.01002228	0.01087859	0.01139961	0.01106002	0.01116869
0.07145327	0.07781176	0.08136894	0.0806116	0.08918726	0.09027771	0.05591093	0.06254381
0.00044091	0.00046258	0.00041202	0.00043369	0.00045536	0.00046258	0.00046258	0.00049147
0.00289049	0.00228363	0.00231713	0.00246132	0.00255101	0.00244968	0.00263822	0.00430841
0.00014064	0.00014801	0.00012736	0.0001544	0.00019522	0.00022964	0.00034029	0.00045045
0.12499316	0.13961978	0.15431797	0.17172804	0.1943789	0.22830522	0.25080381	0.27799149
0.00414702	0.00473438	0.00458983	0.00460998	0.00457626	0.00439924	0.00374101	0.00391381
0.02178966	0.02090631	0.0207089	0.02131003	0.02164156	0.01891739	0.01954572	0.01789709
0.03349568	0.03368447	0.0331291	0.03113835	0.03266922	0.03307434	0.02661581	0.03651138
0.0128516	0.01270823	0.01451256	0.01259479	0.01357357	0.01336699	0.01310328	0.01517115
0.03776272	0.0369908	0.03536557	0.03535934	0.03617008	0.03373283	0.02855088	0.03208538
0.00943039	0.00835427	0.00862428	0.01185247	0.01309551	0.00656942	0.00460794	0.00405587
0.23105217	0.24938601	0.23664986	0.25669549	0.29048754	0.27261735	0.26349109	0.26915949
0.00722396	0.00826438	0.00842391	0.00857446	0.00842519	0.00685119	0.0079892	0.00806473
0.04030171	0.04130136	0.04059701	0.03786836	0.04226867	0.04136617	0.04267589	0.04218428
0.06830798	0.07040962	0.07407546	0.07690181	0.08283346	0.08962723	0.08571335	0.09426415
0.00051828	0.0004937	0.00055154	0.00051679	0.00031817	0.00024951	0.0002086	0.0002165
0.00820234	0.00846409	0.00799169	0.00809939	0.00752914	0.00680312	0.00620003	0.00569104
0.12214889	0.12250624	0.11439549	0.11475701	0.1158025	0.11356096	0.10975451	0.11924263
0.00036634	0.00028707	0.0002203	0.00022685	0.00022199	0.0018025	0.00128681	0.0014206
0.18205046	0.18621969	0.1963727	0.20130015	0.1644169	0.18343251	0.16676171	0.16134278
0.07775648	0.07593515	0.07636768	0.0772196	0.08112724	0.07848	0.07635259	0.08057773
0.04962584	0.04879317	0.050272	0.05101282	0.05071706	0.05148186	0.05059856	0.05239957
0.00029861	0.00030936	0.00031579	0.00029858	0.00034444	0.00031853	0.00025571	0.00026344
0.00525156	0.00594884	0.00582389	0.00614401	0.01069119	0.01043488	0.00787037	0.00984917
0.00050319	0.00054463	0.0005592	0.00057962	0.00058329	0.00064121	0.00068898	0.00087874
0.04045068	0.03455763	0.03511562	0.03637645	0.03689126	0.03052816	0.02430042	0.02710542
0.14263859	0.15685771	0.12980196	0.12231622	0.12547674	0.13024804	0.12007967	0.12336408
0.00025519	0.00033397	0.002181	0.00246219	0.00241612	0.00248169	0.00251414	0.00249045
0.09196795	0.09303392	0.09085488	0.09442252	0.10491293	0.11084398	0.12237716	0.14621681
0.02244051	0.02623969	0.01742292	0.01927386	0.02087571	0.01432104	0.00969219	0.01316899
0.05345241	0.0529217	0.05052938	0.05120465	0.04849633	0.04642914	0.0520478	0.04861781
0.00123477	0.00257257	0.00242175	0.00209694	0.00288522	0.00294008	0.00565391	0.00443532
0.00422412	0.00453716	0.00486407	0.00518973	0.00555799	0.00578973	0.00996024	0.01072299
1.6524E-07	1.3311E-07	1.2057E-07	1.2977E-07	1.6317E-07	1.6589E-07	1.7013E-07	1.6884E-07

0.00024066	0.00025569	0.00024608	0.00025296	0.00023695	0.00022099	0.00019251	0.00019002
0.00086096	0.00086398	0.00088118	0.00085729	0.00092787	0.00095316	0.00089956	0.00093903
0.01893037	0.01967211	0.01851945	0.0182721	0.01520491	0.01383601	0.01209323	0.01100042
0.00176152	0.00176675	0.00178694	0.00179596	0.00193411	0.00209286	0.00201127	0.00202763
8.1291E-06	7.6527E-06	7.3792E-06	7.1707E-06	6.0582E-06	5.2638E-06	5.6635E-06	6.3076E-06
2.9232E-05	3.123E-05	3.4733E-05	3.7035E-05	4.0642E-05	4.3494E-05	4.5659E-05	5.4285E-05
0.00033663	0.0003504	0.00037477	0.00040954	0.00039587	0.00041041	0.00040088	0.00042896
0.02682985	0.02806497	0.02774268	0.02486157	0.02831435	0.02796079	0.02919097	0.02685818
0.007902	0.00838324	0.00907822	0.0085414	0.00727905	0.0069325	0.00585412	0.00605892
0.1999671	0.19717998	0.19968078	0.21577474	0.22424108	0.21202129	0.21323945	0.23215377
0.008384	0.0080934	0.00859473	0.00938884	0.00966362	0.00961226	0.00918102	0.00890126
0.00017826	0.00024521	0.00023894	0.00028272	0.00024664	0.00026417	0.00029628	0.00031456
0.00924646	0.00695314	0.01089085	0.01226958	0.01326379	0.01355445	0.01086429	0.01299909
9.868E-06	9.7398E-06	9.985E-06	1.044E-05	9.568E-06	8.7313E-06	9.8467E-06	1.1364E-05
0.00129307	0.00125063	0.00136362	0.00130018	0.00141067	0.00147928	0.00143495	0.00140401
0.0004563	0.00051365	0.00038354	0.00042045	0.00087587	0.00025181	0.00052509	0.00072308
0.35281943	0.38131666	0.41899532	0.43374752	0.42872208	0.46928087	0.48653317	0.5200192
0.00027842	0.00038129	0.00036817	0.00038911	0.00037922	0.00049472	0.00069897	0.00071967
0.000229	0.00023423	0.0002163	0.00021577	0.00019792	0.00018397	0.00016103	0.00015242
4.1964E-05	4.1074E-05	4.2432E-05	4.6624E-05	4.3105E-05	4.211E-05	3.7101E-05	3.48E-05
0.00208847	0.00165578	0.00253825	0.0021352	0.00267826	0.00222422	0.00205621	0.00247637
0.00670154	0.00705925	0.00664955	0.00704459	0.00680155	0.00669808	0.00563344	0.00594055
0.17104206	0.17056596	0.15371173	0.18933007	0.19607969	0.1075764	0.11578439	0.13127406
0.12430176	0.12737862	0.1269892	0.13123946	0.1286929	0.11729025	0.10962838	0.1216992
0.05209916	0.0527856	0.05434914	0.05481025	0.05534029	0.05563621	0.05572668	0.05572164
0.06064488	0.06478265	0.06938571	0.07360351	0.07711168	0.08639513	0.09342008	0.09411864
0.13467998	0.11182479	0.12174662	0.1139309	0.10444229	0.09621509	0.07473259	0.08051238
0.00765804	0.00807369	0.00924046	0.00962529	0.01105737	0.03059494	0.0302243	0.04149677
2.08301149	2.21118302	2.21952869	2.44984639	2.31994768	2.20019335	1.94282706	2.10261149
0.00958456	0.00956333	0.00917791	0.00963278	0.00929025	0.00968735	0.00890674	0.00968902
8.0405E-05	7.7455E-05	7.5686E-05	7.3274E-05	5.9139E-05	5.1507E-05	5.4239E-05	5.5384E-05
0.04292929	0.05361873	0.05337455	0.05792342	0.03981672	0.04436805	0.04689242	0.07694819
1.4492E-05	1.4409E-05	1.4345E-05	1.4468E-05	1.2349E-05	1.1126E-05	1.2232E-05	1.3521E-05
0.21009621	0.22687555	0.22405915	0.23258276	0.23841034	0.26444368	0.27242394	0.27714576
0.00013628	0.00013354	0.00012653	0.00012778	0.00013533	0.0001246	0.00011342	0.00010857
0.00014521	0.00015231	0.00014682	0.00015052	0.00015353	0.00014306	0.0001244	0.00012146
0.00504819	0.00533884	0.00569681	0.00558279	0.00614438	0.0070807	0.00701867	0.00729422
0.23611681	0.25692036	0.27613314	0.25077931	0.22370834	0.22879109	0.30083743	0.2354897
0.03192491	0.03250661	0.03376577	0.03409513	0.03496486	0.03619139	0.03749141	0.03866404
0.01740936	0.01525498	0.015315	0.01142407	0.01235789	0.01036006	0.00739638	0.00982687
0.00033346	0.00034433	0.00037471	0.00042636	0.00046738	0.00046875	0.00050001	0.0004655
0.00081896	0.00074613	0.00099295	0.00109185	0.00157058	0.00249609	0.00366069	0.00459724
0.00209655	0.00135227	0.00121779	0.00130989	0.00205881	0.00255886	0.0045541	0.00488248
1.369E-06	1.3903E-06	1.3758E-06	1.3544E-06	1.4008E-06	1.4189E-06	1.4349E-06	1.4545E-06
0.00072939	0.00017255	0.00014699	0.00014699	9.2665E-05		1.1545E-05	2.8861E-05
0.00140437	0.00145736	0.00151028	0.00147127	0.00151585	0.0015047	0.00157715	0.00161805
0.02112259	0.02499422	0.02669951	0.02848918	0.02862386	0.03401336	0.02975049	0.03036585
0.0300387	0.04163241	0.04740381	0.04718773	0.05298002	0.05968806	0.055985	0.06491077
0.00041482	0.00036216	0.0004485	0.00042675	0.00051089	0.00049145	0.00030483	0.00029889
0.00016342	0.00017152	0.00019138	0.00021955	0.0002442	0.00026246	0.00029685	0.0002966

0.79826714	0.83847951	0.85396098	0.8672237	0.87545214	0.88069292	0.84242369	0.87394477
0.06660931	0.07088645	0.07311417	0.08218699	0.0884962	0.09473434	0.09689538	0.11070978
0.01043845	0.00881388	0.00962642	0.00904463	0.00773822	0.00633	0.00470496	0.00397057
0.00086587	0.0009012	0.000827	0.00085588	0.00087377	0.00082925	0.00084222	0.00088615
0.09491725	0.085962	0.09078081	0.0897578	0.09145178	0.09460236	0.09851278	0.09878877
0.00012982	0.00012884	0.00016375	0.00030581	0.0003709	0.00038668	0.00023145	0.00020921
0.00164627	0.00156056	0.00150104	0.00153304	0.00169221	0.00181431	0.00180902	0.00183606
0.00725223	0.00781237	0.00926592	0.01099767	0.01389669	0.01395098	0.01533649	0.01645156
0.0923043	0.0904951	0.09019987	0.09136993	0.10399502	0.10561593	0.09487893	0.1458865
0.00614638	0.00598721	0.00707329	0.00896493	0.00829577	0.00830903	0.00840579	0.00849277
0.0012305	0.0013553	0.00128059	0.00155562	0.00182518	0.00183521	0.00154712	0.00166521
0.03819979	0.03773858	0.03855667	0.0435015	0.04556333	0.04997729	0.0510409	0.05015184
0.03361898	0.0358578	0.03660789	0.03874222	0.03876437	0.04118507	0.04626102	0.04593159
0.00151377	0.00164898	0.00140073	0.00142612	0.0014055	0.00123254	0.00126516	0.00134389
0.00019518	0.00020001	0.00021556	0.00027067	0.00032934	0.00033049	0.00028389	0.00034225
0.00212032	0.0021479	0.00229044	0.00248889	0.0029126	0.00365147	0.00433319	0.00453932
0.17672482	0.19174114	0.21632379	0.24291519	0.27812235	0.26380959	0.29367928	0.44998137
0.00055149	0.0005558	0.00057829	0.00063184	0.00063797	0.00076422	0.00077271	0.00076798
0.00127664	0.00130924	0.00127807	0.00135743	0.00123465	0.00132838	0.00140121	0.00136308
0.0009123	0.00095535	0.00105585	0.0011032	0.0008849	0.00064666	0.00059661	0.00076249
0.00532881	0.00622668	0.00656989	0.00499409	0.00420618	0.00413212	0.00368564	0.00222364
0.00032979	0.00032276	0.00030459	0.00030863	0.00028469	0.00025386	0.00025345	0.00025023
0.51938039	0.48847766	0.47090875	0.457028	0.49167794	0.44483651	0.39496763	0.41026206
0.04041784	0.04185402	0.04406631	0.04736526	0.04786748	0.0493786	0.04563077	0.04703595
0.04705199	0.05300691	0.05997561	0.06507681	0.08287207	0.09504909	0.10099959	0.08954801
17.7417039	21.1910669	23.2531338	25.578769	29.5103217	28.1870867	28.6671284	31.1825428
0.00093567	0.00257169	0.00291453	0.00276235	0.00287203	0.00305602	0.00273172	0.00291671
0.00024785	0.00024588	0.00034223	0.00732939	0.00214586	0.00227886	0.00277828	0.00284123
1.3769E-05	1.3769E-05	1.3769E-05	2.4669E-05	3.5568E-05	4.9338E-05	3.5568E-05	3.5568E-05
1.5526E-05	1.8269E-05	2.125E-05	2.2085E-05	1.9652E-05	2.354E-05	0.00010428	0.00012061
2.6533E-05	4.2439E-05	6.6317E-05	6.4124E-05	5.2516E-05	4.8328E-05	3.9951E-05	4.2576E-05
0.02132609	0.01546436	0.01835143	0.02041764	0.02123829	0.02020184	0.02826615	0.05092645
9.2605E-05	9.6638E-05	9.2981E-05	0.00010575	7.0826E-05	7.0284E-05	8.4817E-05	9.4276E-05
0.00021848	0.00022724	0.00034354	0.00036522	0.00037635	0.00035583	0.00035684	0.00036708
0.00104824	0.00041416	0.00094746	0.00154757	0.00197105	0.00184472	0.00176199	0.00225532
0.04642917	0.0413095	0.03849158	0.03432765	0.03440189	0.03344185	0.03420165	0.03187954
0.00017196	0.00016146	0.00017017	0.00019178	0.00024373	0.00026383	0.00026381	0.00027351
0.00415301	0.00399565	0.00422397	0.00431235	0.00473283	0.00495442	0.00534579	0.00541543
2.98411709	2.70255826	2.51096453	2.4119673	2.4900379	2.19014287	2.07655371	2.11131246
4.48251605	3.99016736	3.45404042	3.27082412	3.22073323	2.89622547	2.65574865	2.83745601
0.00049009	0.00045889	0.00043699	0.00041284	0.00039074	0.00040867	0.00038143	0.00041119
0.00012567	0.00014037	0.00012361	0.00012787	0.00014385	0.00012912	0.00013355	0.00014211
0.15434136	0.13817194	0.13003625	0.1591159	0.14780735	0.13984743	0.14305578	0.15948551
0.01925872	0.01733602	0.01827498	0.01908612	0.01930615	0.0203041	0.01860271	0.01845928
0.00981123	0.01031604	0.01083104	0.0115341	0.01169982	0.01253906	0.01255718	0.01338442
0.00431364	0.00514354	0.00769439	0.0098452	0.01057963	0.00922881	0.012431	0.01523769
0.02200301	0.03499431	0.03521759	0.03782973	0.03812999	0.04429623	0.04770548	0.04554702
0.00054415	0.00062393	0.00056313	0.00051025	0.00055367	0.00047843	0.00051777	0.0005576
9.3701E-05	9.6526E-05	9.7484E-05	0.00010567	9.92E-05	0.0001016	0.00010232	9.9314E-05
0.49788558	0.49339915	0.48207819	0.41547055	0.45006542	0.29995837	0.2515385	0.19382506
0.02237396	0.02290889	0.02349254	0.02166299	0.02532664	0.0223371	0.02270122	0.03283637

2.7539E-05	3.4423E-05	2.0654E-05	2.0654E-05	0.00035881	0.00097074	0.00105336	0.00011866
1.32000333	1.20735827	0.89854123	1.22850421	1.31121438	1.05677001	0.96920091	1.35463969
0.00138175	0.0016295	0.00134317	0.00135092	0.00119089	0.00079167	0.0006071	0.0008267
1.9713E-05	2.1355E-05	2.0007E-05	2.3528E-05	2.4399E-05	2.4274E-05	2.5648E-05	2.4822E-05
0.25680977	0.26027712	0.31942077	0.29017713	0.32296817	0.31111015	0.30686176	0.32905222
0.00083664	0.00090311	0.00107887	0.00101898	0.00134556	0.001095	0.00090362	0.00089762
0.61867315	0.60233316	0.6323183	0.67760761	0.62567584	0.56633483	0.48979097	0.51406717
0.00042552	0.00056406	0.00068277	0.0006421	0.0007809	0.0004358	0.00075337	0.00055077
0.0035782	0.00110463	0.00218216	0.00508945	0.00549606	0.00392382	0.00367129	0.00514356
0.00020988	0.00020988	0.0002226	0.00023532	0.00024168	0.00026076	0.00027348	0.00027348
0.00195064	0.00196554	0.00191685	0.00195013	0.00184049	0.00183448	0.00193759	0.00205819
0.00085266	0.00084846	0.00082877	0.00092807	0.00101005	0.00097306	0.00102734	0.00112691
0.00023326	0.0002356	0.00023396	0.00024989	0.00023931	0.00023827	0.00026496	0.00026226
0.00036482	0.00036867	0.00035578	0.00036169	0.00034546	0.00034284	0.00035768	0.00035564
9.0972E-05	0.00011113	0.00012024	0.00011574	0.00012739	0.00012766	7.721E-05	8.6273E-05
0.14638993	0.14887043	0.14932464	0.13798998	0.14431133	0.1421157	0.1406321	0.13026767
7.9424E-05	7.6615E-05	8.2492E-05	9.4822E-05	0.00010719	0.00011687	0.00012311	0.00013147
	0.00048683	0.00048259	0.00046927	0.00047789	0.00048941	0.00043258	0.00042074
0.0392484	0.04094927	0.03348837	0.03267039	0.03985311	0.03506303	0.0427756	0.0554484
0.00116418	0.00132759	0.0011846	0.00122657	0.00130296	0.00121822	0.00135825	0.00143628
0.00165925	0.00170075	0.00126601	0.00130261	0.00146762	0.00137041	0.0017479	0.00173753
0.10691292	0.10076107	0.10926128	0.10922916	0.11862286	0.10927837	0.11388776	0.10009614
0.00712004	0.0118149	0.00760654	0.00951581	0.00990249	0.01218943	0.01863178	0.01138353
0.0118563	0.01021682	0.01084764	0.0103383	0.01134351	0.01110009	0.00836934	0.00964772
0.00036931	0.00035455	0.00036832	0.00037521	0.00051584	0.00051584	0.00055222	0.00110888
0.05065972	0.0533833	0.0597468	0.05506912	0.05989404	0.06421057	0.06318831	0.06410286
0.23543786	0.24225675	0.26918355	0.2894889	0.32742359	0.37205737	0.37244378	0.35504743
4.00280295	4.39075527	4.82434116	5.82747955	7.3162424	7.78385579	9.11654138	10.3985227
0.08631885	0.12826126	0.41900001	0.3881988	0.38301581	0.47509068	0.4624885	0.40492817
0.05913148	0.06833324	0.07139705	0.08770963	0.0917534	0.0986281	0.10400628	0.10836112
0.05025269	0.05100984	0.03604959	0.03155569	0.02397123	0.03507181	0.04552293	0.05567418
3.2079E-05	3.2963E-05	3.1834E-05	4.7708E-05	6.7654E-05	4.8264E-05	4.0076E-05	4.1208E-05
0.13493881	0.13300073	0.12767741	0.13098584	0.1372301	0.12993589	0.12186564	0.12320218
0.26931332	0.337275	0.63646513	0.62456162	0.61018861	0.5766758	0.50600363	0.49472342
0.01081296	0.00865555	0.00784372	0.00717429	0.00727399	0.00570032	0.00601518	0.00607375
0.00755709	0.00638229	0.0066112	0.00580664	0.00553199	0.00525017	0.0051917	0.00760225
2.66236376	2.48598527	2.81894939	2.48038566	2.52235989	2.42031807	2.27026384	2.45228278
0.28390798	0.28916908	0.28542387	0.35503875	0.33830188	0.3127218	0.26894204	0.28250189
0.00330969	0.00372079	0.0047472	0.005283	0.00531948	0.00598792	0.00901148	0.00814902
0.00343861	0.00312625	0.00606552	0.00580869	0.00578456	0.0072477	0.00709847	0.00558232
0.00125037	0.00144028	0.0017134	0.00212751	0.00268422	0.00271307	0.00241751	0.0022893
3.8732E-05	3.9818E-05	5.0514E-05	5.0605E-05	4.5024E-05	4.4994E-05	3.5275E-05	3.1457E-05
6.8611E-05	7.5568E-05	7.0471E-05	8.0938E-05	9.0908E-05	9.5352E-05	0.0001051	0.00010942
1.66005798	1.55334612	1.43813527	1.35025296	1.33023459	1.3174751	1.60553397	1.9515157
0.05264289	0.05626822	0.06568325	0.06768109	0.06902143	0.07195344	0.07524471	0.07277844
0.01580333	0.01347714	0.01323384	0.0150893	0.01439825	0.01775955	0.01794947	0.01988811
0.00077263	0.00080896	0.00083454	0.00086108	0.00079054	0.00077688	0.0007889	0.00092231
0.03016294	0.02880746	0.03203692	0.03186544	0.02918433	0.02983384	0.03171557	0.02920505
0.00023133	0.00024062	0.00022757	0.00024348	0.00025741	0.00025777	0.00026777	0.00028674
0.00778708	0.0087257	0.0093118	0.00665441	0.00808536	0.00812304	0.00897141	0.0077864

0.00040759	0.00041174	0.00039639	0.00039478	0.00042294	0.00037433	0.00041694	0.00041292
0.00779406	0.00919337	0.00918049	0.01006661	0.01018524	0.01127255	0.0129618	0.01328576
0.00186546	0.00207469	0.00197034	0.00207532	0.00204813	0.00201277	0.00196452	0.00187001
0.00924153	0.00912821	0.0084423	0.00868657	0.0084245	0.00814332	0.00789636	0.00876412
0.00146384	0.00168809	0.00162559	0.0015098	0.0013677	0.00101387	0.00099601	0.00079608
0.0491059	0.05250714	0.05352337	0.05474186	0.0530327	0.05148523	0.04714926	0.04996509
0.00284096	0.00217449	0.00220761	0.00209821	0.00204372	0.00221317	0.00234083	0.00237921
0.0009722	0.00089111	0.00090883	0.00093674	0.0008498	0.00093108	0.00084047	0.00116728
0.00049833	0.00063163	0.00055962	0.00063829	0.00064037	0.00062602	0.00059749	0.00054206
0.24944055	0.23229658	0.2622716	0.24889385	0.25286334	0.2131075	0.22721647	0.24631025
0.02126443	0.020689	0.02081605	0.02026442	0.02034328	0.02109509	0.02005187	0.01853769
0.00093981	0.00094449	0.00092626	0.00101855	0.00104695	0.00114459	0.00138353	0.00134539
0.00312841	0.00285092	0.0026703	0.00267442	0.00270925	0.00276243	0.00259385	0.0026072
0.00371963	0.00276059	0.00343474	0.00414686	0.00440951	0.00337429	0.0025114	0.00343095
0.02364652	0.02420356	0.02839718	0.02775986	0.02948258	0.02912414	0.03056501	0.03264763
0.00123721	0.00120253	0.00139037	0.00127066	0.00125789	0.00148792	0.00134071	0.00165237
0.000855	0.00088441	0.00090323	0.00088827	0.00091	0.00104601	0.00107897	0.00102078
0.00082193	0.00083035	0.00081242	0.00088562	0.00097256	0.00100823	0.00107931	0.00111342
0.01158093	0.01184891	0.01228645	0.0132779	0.01277759	0.0148308	0.01356604	0.01414643
0.00426101	0.00380552	0.00548039	0.00598818	0.00705713	0.00744048	0.00714345	0.00764965
0.08071131	0.09870933	0.10383329	0.10890525	0.13464109	0.14458906	0.1816243	0.2406267
6.7351E-05	1.5641E-05	0.00016837	0.00056047	0.00065547	0.00091405	0.00041974	0.00011667
0.00207835	0.00195084	0.00206258	0.00219297	0.00188075	0.00151794	0.00138353	0.00216754
0.00082626	0.00090719	0.00085032	0.00076538	0.00070654	0.00077029	0.00083262	0.00112117
0.00303754	0.00385583	0.00376138	0.00401801	0.00399511	0.00367028	0.00363665	0.00470966
0.0078869	0.01160169	0.01082796	0.01075863	0.0136975	0.01286703	0.01276576	0.01465336
0.16635784	0.17009633	0.17358408	0.16651785	0.17215803	0.17999154	0.19308483	0.19600388
0.01137993	0.01139483	0.01081061	0.01185783	0.01226141	0.01311479	0.01379808	0.0153223
7.0564E-06	2.1169E-05	2.8226E-05	2.1088E-05	1.4059E-05	1.4059E-05	2.1088E-05	7.0294E-06
0.02935691	0.03493873	0.03994165	0.03954386	0.03154536	0.03702587	0.03144971	0.0274566
0.00779399	0.00853116	0.00463839	0.00492448	0.00516614	0.00550818	0.00621639	0.00666273
0.09150047	0.09333712	0.08519898	0.10471046	0.10651158	0.08693851	0.09999864	0.08500389
0.00485846	0.00407236	0.00504448	0.00543196	0.00624778	0.00589176	0.00668406	0.00754102
0.0099951	0.01204654	0.01350923	0.01281657	0.01402891	0.0167784	0.01657705	0.02160794
0.06448875	0.06862858	0.07619629	0.06662447	0.06931914	0.07869732	0.08026017	0.09232377
0.00168337	0.00148363	0.00171156	0.00157061	0.00137717	0.00121499	0.00173453	0.00151877
0.00344064	0.00378974	0.00359905	0.00320517	0.00318811	0.00253158	0.00262435	0.00203487
3.41647576	3.05016225	2.87459835	2.80717627	2.58123083	2.35476713	2.56449781	2.69809801
0.58442758	0.6376828	0.65145088	0.70332937	0.71544766	0.7110015	0.70500423	0.66054095
0.04161478	0.04252168	0.04451726	0.04530639	0.03732891	0.04157706	0.05115532	0.04786289
0.07274072	0.07523898	0.08161178	0.07704842	0.06849879	0.06341579	0.07301185	0.05856531
0.00080512	0.0007539	0.00076831	0.00067489	0.00069123	0.00063484	0.00056667	0.00050876
0.00444507	0.00407771	0.00422467	0.00500061	0.00522511	0.00548023	0.00581702	0.00658904
0.00118813	0.00126255	0.00120915	0.00113357	0.00098507	0.0010444	0.001141	0.0012026
0.10815128	0.10273847	0.10361827	0.1230854	0.12158147	0.12265511	0.10596624	0.09947924
1.60945841	1.58510242	1.59919789	1.66358664	1.57012199	1.5661937	1.38856485	1.51950908
0.00037387	0.00036035	0.00039425	0.00039425	0.00036777	0.00036035	0.00038206	0.00038356
0.14278894	0.15258226	0.16441604	0.17613768	0.18180724	0.2023881	0.24140536	0.26122302
0.14095367	0.14436955	0.13184686	0.13910089	0.12778409	0.13100369	0.13446781	0.13404066
0.00379423	0.00410899	0.00461575	0.00584832	0.00571645	0.0064598	0.00519205	0.00203156

0.00511283	0.00555719	0.00638339	0.00633179	0.00545272	0.00682132	0.00499644	0.00690844
0.0337593	0.03172736	0.03163056	0.0305398	0.03047282	0.03171965	0.0305158	0.03930343
6.7547E-06	6.8503E-06	7.8994E-06	8.3646E-06	8.8887E-06	9.4931E-06	9.6502E-06	1.0266E-05
0.00025356	0.00025839	0.00025769	0.00023875	0.00024223	0.00021921	0.00020325	0.00018862
0.00079902	0.00079116	0.00072552	0.00078279	0.00070483	0.00070163	0.00071858	0.00072245
0.00389401	0.00409817	0.00460727	0.00606882	0.00669712	0.00683876	0.00828681	0.00876601
0.00134688	0.00136304	0.00131443	0.00136073	0.00126382	0.00133349	0.00138715	0.00139919
3.2897E-05	3.2468E-05	3.2791E-05	3.5765E-05	3.8773E-05	3.9627E-05	4.2382E-05	4.5243E-05
4.9906E-05	5.4188E-05	5.7154E-05	5.9356E-05	5.5684E-05	5.7917E-05	6.4172E-05	6.6841E-05
0.0007084	0.00093282	0.00139225	0.00098957	0.00079104	0.00078272	0.00083947	0.00106803
0.20956167	0.20568742	0.20520626	0.22494434	0.20289203	0.17926516	0.14666987	0.14304759
0.02299031	0.02358076	0.02356384	0.02404923	0.02413562	0.0255322	0.02318566	0.02364146
0.5451936	0.53429485	0.44668138	0.44724927	0.41699995	0.44933038	0.4579551	0.53286454
0.00109087	0.00107709	0.00104528	0.00110994	0.00114705	0.00117844	0.00648482	0.00641754
0.00042741	0.00057642	0.00052414	0.00055915	0.00042181	0.00043534	0.0004953	0.00043293
0.02157527	0.02159039	0.02620067	0.02779983	0.03115716	0.0331838	0.03141623	0.02862863
3.953E-05	4.1474E-05	4.6794E-05	5.7993E-05	7.0734E-05	7.7281E-05	8.3851E-05	8.9909E-05
0.00070492	0.000722	0.00069153	0.00069948	0.00067075	0.00069554	0.00072376	0.00073538
0.00011269	0.0002115	0.00017558	0.00028399	0.00032694	8.4565E-05	0.00013764	0.00020762
0.45297314	0.53846358	0.50835855	0.49970971	1.04402451	0.95154843	0.95344683	0.96654758
0.00023879	0.00027814	0.00027862	0.00027902	0.00014632	9.3564E-05	3.8589E-05	1.7148E-05
0.00462368	0.0051033	0.00548872	0.00584416	0.00637088	0.00683703	0.00679424	0.00778082
0.00015759	0.00016218	0.00015842	0.00014305	0.00014003	0.00013544	0.00013569	0.000127
0.00010843	9.5688E-05	9.9171E-05	0.00010167	8.3393E-05	8.1085E-05	7.9499E-05	6.4997E-05
0.00367032	0.00337103	0.00431056	0.00336796	0.00354438	0.00310547	0.00326948	0.00284672
0.00268601	0.00277797	0.00292902	0.00353097	0.00399301	0.00370036	0.00378392	0.00373958
0.40320666	0.4003123	1.00225998	1.11122428	1.20376776	1.16372267	1.50894656	1.45364632
0.55105285	0.55883207	0.57342866	0.59038075	0.60922927	0.58620625	0.55984872	0.56922448
0.00127197	0.00332409	0.00284022	0.0031265	0.002626	0.0022558	0.00192788	0.00233658
0.00055384	0.00061161	0.00072176	0.00129798	0.0015617	0.00199943	0.00305749	0.00315974
0.28575287	0.22868721	0.2301474	0.28711622	0.33222858	0.34416002	0.30995488	0.33464413
0.00031754	0.00182749	0.00162251	0.00334053	0.00376941	0.00988291	0.01047757	0.00744973
15.9645394	15.2883632	14.9241011	14.292408	13.7456416	14.6519411	13.3299866	14.1500186
0.02692397	0.03113802	0.02849552	0.03113512	0.02866337	0.03214786	0.03046745	0.02817045
0.00015282	0.00016687	0.00015182	0.00015959	0.00016549	0.00015881	0.00020577	0.00017154
0.02808026	0.02529004	0.02634576	0.02935063	0.02715323	0.02971831	0.03143659	0.0368624
5.159E-05	5.5229E-05	5.5315E-05	6.4672E-05	7.0209E-05	7.6062E-05	8.4806E-05	8.9841E-05
0.0336778	0.04638504	0.05551605	0.19828546	0.20004065	0.1920919	0.30180264	0.33810257
0.00010586	8.3648E-05	8.1772E-05	6.7845E-05	0.00010002	8.7312E-05	9.0647E-05	8.2696E-05
0.00019195	0.000187	0.00018497	0.00017209	0.00017732	0.00016242	0.00015321	0.00013779
0.00531277	0.00592357	0.00632279	0.00694614	0.00847024	0.00900228	0.00951675	0.00862255
0.78721563	0.84098892	0.8260968	0.8359425	0.86175393	0.99141555	0.91544833	0.97303212
0.0001771	0.0001496	0.00016794	7.3911E-05	5.4442E-05	5.4405E-05	4.7605E-05	5.4405E-05
0.01707917	0.0209069	0.02204177	0.02285686	0.01954127	0.01639346	0.01643014	0.02072262
0.00264488	0.00266032	0.00288456	0.00318533	0.00338442	0.0034587	0.00386955	0.00378667
0.0235226	0.02320491	0.02658822	0.02916221	0.0325408	0.04867301	0.06852146	0.08041831
0.30445191	0.31199612	0.30336302	0.32006014	0.33854685	0.36457814	0.39430007	0.40271997
0.00016457	0.00015556	0.00015407	0.00013831	0.00011828	0.00014444	0.00020618	0.00025733
2.09724816	2.30088221	2.44892401	2.53625175	2.62156721	2.66217027	2.53314669	2.66369429
0.041398	0.04587968	0.04482544	0.04024609	0.03941671	0.04154481	0.03998946	0.03893079
0.04430512	0.04500311	0.04620618	0.04387065	0.0458549	0.04531405	0.04293727	0.03550237

0.54952731	0.55881342	0.59522509	0.61856243	0.6880452	0.78915193	0.85755713	0.91921525
0.83279698	0.8869411	0.88339096	0.91307629	0.90681125	0.90415248	0.90027065	0.97854934
0.02212514	0.02224562	0.02308823	0.02269191	0.02817063	0.02920461	0.02653112	0.02581322
0.0018131	0.00187878	0.00209491	0.00233174	0.00254915	0.0027365	0.00318737	0.00329806
3.46376557	3.49601928	3.68999054	3.77803468	3.97472611	4.18226808	4.49063314	4.62754268
1.29902171	0.74427717	0.73377849	0.72260872	0.66936976	0.67492778	0.61796644	0.63725007
0.1204379	0.12283876	0.12842564	0.13522786	0.11794243	0.12997045	0.11047164	0.11425827
0.06615595	0.06779704	0.06989915	0.07101014	0.07370783	0.07275951	0.07396291	0.07356957
4.51835704	4.52888436	4.66448029	4.68539547	4.94800542	4.87374101	4.356191	5.28509026
0.06076757	0.06246893	0.06613201	0.07574066	0.08263266	0.08557391	0.09101123	0.10128962
0.12507632	0.12540931	0.12857449	0.1332962	0.14150041	0.14992187	0.15288368	0.15281174
0.38914271	0.41100071	0.42083789	0.43217208	0.44563708	0.46351734	0.48109185	0.50197759
0.65890754	0.7492048	0.79921556	0.52929306	0.60166546	0.57814798	0.35726101	0.35856184
0.0715591	0.07267468	0.07917267	0.08723437	0.08931512	0.09353819	0.09705148	0.10078695
0.00940143	0.01006303	0.0099206	0.01216946	0.01460646	0.01476549	0.01244027	0.01404148
0.07368857	0.07808405	0.07845549	0.08517779	0.08498847	0.08808628	0.08274423	0.07842606
0.8068183	0.80205352	0.82159624	0.85149691	0.86043846	0.86583577	0.84292269	0.88653385
0.00420204	0.00403658	0.0041538	0.0047598	0.00411164	0.00374088	0.00416072	0.00466265
0.00224382	0.00227161	0.00243112	0.00296729	0.0035537	0.00356005	0.00314188	0.00391005
0.08837924	0.09364026	0.09596497	0.09972327	0.10834144	0.11214676	0.1207838	0.12974804
5.53596008	6.0356279	5.94274787	6.1827203	6.35367654	6.34139725	5.82892661	5.98248486
0.00559579	0.00553709	0.00592537	0.00625449	0.00624591	0.00745132	0.0078495	0.00802424
0.01537565	0.01559221	0.01445029	0.02267367	0.02247906	0.0227296	0.01884957	0.01616376
0.0269459	0.02734565	0.02770287	0.02821523	0.02788127	0.02769272	0.02784578	0.02864869
0.05696073	0.05595944	0.05851446	0.05851126	0.05842385	0.0636022	0.05998384	0.05535934
0.0185966	0.01859378	0.01890173	0.01898879	0.0306081	0.03014135	0.03042468	0.03039245
5.3878993	4.6368754	4.2941233	4.19643737	4.08982443	3.57661923	3.38159014	3.35602621
0.23884617	0.2355949	0.2242963	0.22445019	0.21888951	0.22977208	0.2189703	0.23017042
1.13793921	1.19600812	1.20060598	1.18789619	1.55634903	1.75468821	1.01101554	1.1114505
45.7756494	50.2181	58.1242975	62.3462517	67.2845481	62.9448105	38.4259194	36.993189
0.13677724	0.17672463	0.18397078	0.18806221	0.1927106	0.19922318	0.18775812	0.19544104
0.15230368	0.15600869	0.15955032	0.14705589	0.1353832	0.14064237	0.15347718	0.15636508
0.36992284	0.38319497	0.39877007	0.4134822	0.42843782	0.44541804	0.4603061	0.46685713
0.02682871	0.02879719	0.03080888	0.03966642	0.03536988	0.03981805	0.0434862	0.04733785
0.00048188	0.00070926	0.00105644	0.00107732	0.00087775	0.00088569	0.00077746	0.0008869
0.78007951	0.76126832	0.75884337	0.80083917	0.84416007	0.56962759	0.58762403	0.6109782
0.00531805	0.00556054	0.00569379	0.00601223	0.0055098	0.0056686	0.0061615	0.00645635
0.00503271	0.00534998	0.00764173	0.0082365	0.00889638	0.00898822	0.0089821	0.00928824
0.07013941	0.08164193	0.0801647	0.08349171	0.09099331	0.08591758	0.08803846	0.09325005
0.72429321	0.73808739	0.71153461	0.92116348	0.93444559	0.91132106	0.58893144	0.56616643
0.00196654	0.00182374	0.00190818	0.00202341	0.00254861	0.00275467	0.00284567	0.00305023
0.08293119	0.08266797	0.08122352	0.08055419	0.0830094	0.08355724	0.08333784	0.08340117
1.50639118	1.55616336	1.56269101	1.4601319	1.30706589	1.2398709	1.22825962	1.12781187
6.74972498	6.86367755	6.89729605	7.19857751	6.58851825	6.06063254	5.77385935	5.06441495
0.01369843	0.01356217	0.01342717	0.0132685	0.01326633	0.01429597	0.01383134	0.0146433
0.00061199	0.00067104	0.00066571	0.00069633	0.00086652	0.00081494	0.00088897	0.00098419
1.05915252	0.72740709	0.66171393	0.2633677	0.25403136	0.24548772	0.22991727	0.22409906
0.19335374	0.18776592	0.19662933	0.19505726	0.19529176	0.19168184	0.18872396	0.19009062
0.92277513	0.95899479	0.96866304	0.58229934	1.45640245	1.47390628	1.50479915	1.53197568
0.21524035	0.22526066	0.23632089	0.23320199	0.22851944	0.21565663	0.24490297	0.28111012
3.39727502	3.50328551	3.50663455	3.61107873	4.11822243	4.60025395	4.7801697	5.83951008



0.02487645	0.02323431	0.02262659	0.02240098	0.0230703	0.02300077	0.02390047	0.02513941
0.00209958	0.0021101	0.00201407	0.00215257	0.0021921	0.00218694	0.00225558	0.00228557
3.63407074	3.51867307	3.576336	3.27244164	3.12282899	2.90165559	2.78598059	2.68414926
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0.00016351	0.00017117	0.00017247	0.00020775	0.00021417	0.00022277	0.00024358	0.00023811
6.39233084	5.72779284	5.41260484	4.47472437	4.07703685	3.8200138	3.55681536	3.49604595
0.00055312	0.00055507	0.00055671	0.00055784	0.00055859	0.00055901	0.00055938	0.00055976
0.05185324	0.06057329	0.070745	0.07900954	0.08899443	0.09738205	0.10508291	0.11688473
5.3060677	5.20927728	4.28457995	4.02125539	4.08525367	3.61660694	3.0911052	3.33232382
0.59084842	0.60419443	0.60234924	0.68197343	0.71046484	0.71316162	0.72428699	0.75772567
0.1698507	0.16748314	0.16887783	0.17773167	0.18105843	0.20652267	0.22232043	0.22742177
0.00269614	0.00279426	0.00278195	0.00285347	0.00274846	0.00276585	0.00290914	0.00286574
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0.0081139	0.00745484	0.00748932	0.00826885	0.00892365	0.00876957	0.00954881	0.01078923
0.01147427	0.01179518	0.01214376	0.01267374	0.01276189	0.01310347	0.01391446	0.01390995
0.02363782	0.0241338	0.02496808	0.02539751	0.02579289	0.02600062	0.026754	0.02643111
0.00942151	0.01807939	0.01869828	0.01889276	0.0210014	0.01880095	0.01512513	0.0158723
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0.00093108	0.00088753	0.00094904	0.00105966	0.00117824	0.00127803	0.0013816	0.00152195
0.0006537	0.00376793	0.00365689	0.00377549	0.00343756	0.00354681	0.00329767	0.0035305
0.22815736	0.23088207	0.2283389	0.20314899	0.21404468	0.20468705	0.25242472	0.22299234
0.00388291	0.00387927	0.00391181	0.00389062	0.00411168	0.00423094	0.00516194	0.00517311
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4.64251845	4.72922694	4.83486422	4.86762881	5.07000509	5.33525989	5.48386915	5.52972617
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0.02835045	0.03089359	0.0269797	0.02644354	0.03581918	0.04047251	0.04141092	0.03626094
0.10947388	0.11233326	0.11680515	0.12153603	0.12840854	0.12793083	0.13275714	0.13280642
0.00106441	0.00108815	0.00125568	0.00131042	0.00121897	0.00129762	0.00117826	0.00117484
0.00126351	0.00128688	0.00122339	0.00088806	0.00098182	0.00102806	0.00116428	0.0012516
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0.35171392	0.35599523	0.38276544	0.42239553	0.40607873	0.45392075	0.43962591	0.44881515
0.04623899	0.04767829	0.04844308	0.05075186	0.05471171	0.06116153	0.06510103	0.06724558

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0.05652372	0.05929679	0.06358172	0.06921484	0.06727492	0.06868575	0.07136986	0.07468939
0.31487049	0.31398796	0.32210257	0.32557066	0.30779285	0.31917868	0.35498403	0.36478705
0.00164904	0.00160131	0.0016627	0.00179358	0.00191552	0.00204424	0.00220449	0.00244161
0.2248895	0.23528131	0.24425687	0.22650538	0.24154346	0.23071103	0.22403592	0.23986984
0.03919801	0.03979921	0.04053914	0.04091743	0.04217949	0.04163933	0.04309738	0.04277572
1.51048172	1.64547106	1.85396651	1.84788999	2.33112815	2.1694949	1.7487512	1.80780326
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0.02144116	0.02464576	0.02411492	0.0239003	0.0209766	0.01767364	0.0185258	0.01505489
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0.02778945	0.02743021	0.02810251	0.02810778	0.0287742	0.03221534	0.03013191	0.04322207
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0.03500277	0.03673475	0.03839036	0.03918656	0.04087993	0.04550826	0.04709571	0.04636461
0.00706556	0.00696277	0.00694867	0.00734565	0.00770601	0.00812328	0.00902513	0.00972033
0.03098526	0.03192662	0.03271061	0.0345193	0.0332369	0.03155575	0.03252058	0.03486669
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0.02450541	0.02254589	0.02391851	0.02307281	0.02161916	0.02058568	0.0198547	0.02307626
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0.30197795	0.29962601	0.2970225	0.29122611	0.287551	0.28459643	0.26768581	0.26045635
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1.82823925	1.93073116	1.90590941	2.00200251	2.13701511	1.5384427	1.57494168	1.56925307
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0.76153766	0.78412584	0.75068008	0.70359945	0.72348154	0.70392488	0.70891257	0.75224119
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4.87070979	4.98408514	5.23186137	5.22595306	5.34735786	5.29859821	5.04662379	5.23735974
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16.4561344	17.2063282	18.0531058	18.1998514	18.8261003	17.4539627	20.5548365	20.9467507
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15.0594087	16.5495314	17.1185478	18.228846	19.2983628	19.3176398	18.3945672	19.7886033
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0.10484795	0.10514632	0.10629197	0.1080243	0.112712	0.12036444	0.11045061	0.11257486
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0.00771778	0.01083079	0.00993223	0.01089774	0.00870639	0.00966462	0.01094717	0.00972639
1.09288795	1.12193791	1.19373444	1.22841456	1.28832961	1.32365032	1.29854427	1.30093178
0.00038632	0.00039094	0.00046342	0.00057123	0.0006965	0.00077518	0.00086519	0.00095384
0.07349517	0.07527497	0.07828212	0.07964275	0.08056703	0.08188656	0.08453454	0.08444641
0.06581535	0.06723599	0.06851449	0.06920669	0.07128903	0.07553592	0.09330977	0.09188234
1.84075962	2.03261863	2.06698511	2.09026752	2.10073981	2.07442627	2.10618944	2.20442863
0.00488942	0.005956	0.00540026	0.00609003	0.00797995	0.00756988	0.0064871	0.00662256
0.6482001	0.66956094	0.6695328	1.1244894	0.8930216	0.84759492	0.84427953	0.90999213
0.00291988	0.00314004	0.0029457	0.00285928	0.00274028	0.00285097	0.0029617	0.00298013
0.00211314	0.00193123	0.00199386	0.00211704	0.0018082	0.00189754	0.00193292	0.00179198
0.05117305	0.05136811	0.06029159	0.06061463	0.06481181	0.06325656	0.06439884	0.07004697
0.35879764	0.36839116	0.37037508	0.39108258	0.35288166	0.36653498	0.4076399	0.41307452
5.48559906	5.57577891	4.50931439	5.28144278	5.11018623	5.06784428	5.07690241	5.13163801
1.62539133	1.58733583	1.66423898	1.67388223	1.61584304	1.43144825	1.45682222	1.57630183
0.57352811	0.60007444	0.6229806	0.64394701	0.64891217	0.66657526	0.68326574	0.70765084
0.25005667	0.25756825	0.266748	0.27999548	0.28990209	0.30599868	0.32961791	0.33870779
5.50735023	4.85350673	5.48120409	5.55003587	6.94808281	6.38642028	4.51866203	5.65147798
0.04795123	0.05702973	0.05718399	0.06308814	0.06254008	0.09949425	0.10111839	0.08973175
43.7774638	42.6111603	42.1366126	40.1002858	41.7103656	36.9114789	33.1079903	35.1993525
0.38880205	0.38847761	0.37763633	0.39328802	0.38821086	0.38435529	0.35736274	0.32519447
0.00093172	0.00098578	0.00100059	0.00106871	0.00112346	0.00115681	0.00170949	0.00134166
0.76422243	0.7764393	0.83131776	0.80976651	0.81313486	0.87313352	0.92218123	0.95227596
0.00047384	0.00048921	0.00051051	0.0005974	0.00064557	0.00072298	0.00083693	0.00091532
0.749389	0.82912393	0.8357253	0.83270768	0.89294559	0.96240312	1.03643767	1.09842963
0.00295955	0.00266994	0.00267512	0.00259014	0.00309028	0.00307513	0.00321816	0.00323556
0.00399275	0.00392245	0.00391356	0.0038985	0.00392746	0.00396403	0.00393114	0.00388867
0.87926	0.90656178	0.93431492	0.95491457	0.98694253	1.01283827	1.06819384	1.07978908
4.37521172	4.56698185	4.50658826	3.74391444	3.77264211	2.92236082	2.70252959	2.98408373
0.58564101	0.60165723	0.60885595	0.46748964	0.45410216	0.4161796	0.55764647	0.55049655
0.25492382	0.25614361	0.26133237	0.24950169	0.25104686	0.24546805	0.24807612	0.26630824
0.00133609	0.00140098	0.00157304	0.00183413	0.0019123	0.00187533	0.00193136	0.00191496

0.00318815	0.00282452	0.00437413	0.00605052	0.00652146	0.0196433	0.03831307	0.05306087
0.0221946	0.02707832	0.01988189	0.02825995	0.03235828	0.04754026	0.05565449	0.05641562
0.00014712	0.00014652	0.0001497	0.00015408	0.00012831	0.00015981	0.0002046	0.00024861
2.7235465	2.9879915	3.18024283	3.29364913	3.40444224	3.45717053	3.28961681	3.45914966
0.02060766	0.01978128	0.02043527	0.01842492	0.01983624	0.02207829	0.01302647	0.01322331
0.02153437	0.02190166	0.02202705	0.02125072	0.02052618	0.0195387	0.0206285	0.0201043
0.22633915	0.23131902	0.2446985	0.25271108	0.2591618	0.25538966	0.27821466	0.33276794
0.53568378	0.62752117	0.62887552	0.62091778	0.63877275	0.61046136	0.53502521	0.55916772
0.00624563	0.00816486	0.0123387	0.01402151	0.04791698	0.04816944	0.03931358	0.04188932
0.00063686	0.00066501	0.00070183	0.00084644	0.00089457	0.00095207	0.00104279	0.00110754
1.77678336	1.89526186	1.80452543	1.79309834	1.80983882	1.81178659	1.25396336	1.28293657
0.23774791	0.23698453	0.24043758	0.22808252	0.22657688	0.21512844	0.20722418	0.21078068
0.04764637	0.06022211	0.06365221	0.08053498	0.06268762	0.07801744	0.05167911	0.06101942
0.00065966	0.00081085	0.00070986	0.00094642	0.00158506	0.00106668	0.00112197	0.00167285
0.23649213	0.23677033	0.22794857	0.23630161	0.24729995	0.24976154	0.24405396	0.23967395
0.01064436	0.01089521	0.01209067	0.01571915	0.01964164	0.0212445	0.026437	0.02984708
0.00455471	0.00411691	0.00466199	0.0049164	0.00711716	0.00898122	0.0089613	0.00957385
0.10520175	0.13503885	0.15480345	0.19105254	0.24548696	0.35562507	0.43418042	0.54302712
0.05951947	0.06127435	0.06487223	0.06946847	0.06710202	0.07152539	0.06852625	0.06688469
0.02228515	0.02423182	0.02679719	0.026771	0.02893167	0.0293498	0.02772823	0.0304264
0.00314847	0.00349487	0.00350137	0.0047267	0.00547681	0.00561145	0.00442459	0.00509202
0.01384097	0.01568477	0.01507089	0.01874665	0.02010519	0.02251653	0.02387219	0.02386795
0.1583487	0.16705727	0.18372537	0.21713733	0.22751596	0.26613159	0.18962955	0.20877135
0.00057351	0.00054005	0.00060621	0.00074346	0.00069221	0.00065934	0.00075943	0.00091014
0.00066643	0.00069268	0.00075834	0.00100108	0.00115703	0.00115067	0.0009576	0.00122855
0.04051689	0.04835053	0.05258653	0.06054118	0.06726406	0.07115785	0.07213181	0.07698805
1.96510805	2.15907134	2.20194832	2.17866336	2.32408839	2.52591787	2.32375509	2.64671969
0.00177481	0.00179896	0.00189661	0.00221822	0.00216091	0.00265276	0.00260887	0.00277167
0.01077764	0.01245766	0.01200657	0.01329265	0.01447641	0.01403258	0.0132164	0.01389956
0.00091054	0.00091759	0.00101397	0.00114283	0.00117161	0.00149858	0.0018747	0.00277568
0.01156497	0.01224458	0.01396334	0.01483578	0.016424	0.02016571	0.0187122	0.02017077
0.00100044	0.00099352	0.00103926	0.00115235	0.00115843	0.00101431	0.00103488	0.00105901
2.16437509	2.20895576	2.15946926	2.18715671	2.2958275	2.33899439	2.09137672	2.23584471
0.22502889	0.21223163	0.19840205	0.19053714	0.18603141	0.18118052	0.17160399	0.16292138
0.31898121	0.3356843	0.32188335	0.35245346	0.34918246	0.35611922	0.32385181	0.31847657
5.54695227	6.22231647	6.71694	7.92530315	8.97967383	11.2141983	11.1097954	11.6115465
0.01488178	0.01340519	0.01436058	0.01212631	0.01308064	0.01812397	0.01566399	0.01709699
0.01782893	0.01821384	0.01824146	0.02023019	0.02188795	0.02446105	0.02945207	0.03120806
0.00691882	0.00745734	0.00956838	0.01049531	0.01128043	0.01463433	0.01527948	0.01659596
0.00514614	0.00603449	0.00630886	0.00786136	0.008178	0.01159133	0.01328136	0.01560477
0.0001829	0.00028335	0.00046813	0.00050619	0.00043893	0.00050626	0.00038314	0.00053598
0.22278021	0.27729689	0.27954788	0.31347577	0.32577399	0.31800298	0.27839022	0.27837751
0.00050623	0.0005587	0.00057411	0.00071554	0.00047362	0.00055971	0.00073222	0.00086431
0.0014203	0.00156347	0.00259218	0.00294557	0.00335518	0.00385884	0.0039486	0.00419401
0.04685958	0.05282742	0.05215605	0.05620562	0.05795527	0.05626384	0.05515817	0.05478783
0.02367454	0.02642899	0.02513663	0.0248566	0.02422664	0.02298469	0.01649429	0.01388415
0.00058713	0.0005592	0.00059865	0.00070932	0.00085626	0.00091858	0.00088987	0.00098179
0.01684346	0.01810616	0.0187854	0.01875784	0.0197338	0.02007619	0.01989673	0.02000154
0.14961265	0.15086579	0.15508938	0.15707107	0.16305755	0.16420916	0.15684945	0.14751398
1.87180383	1.78996665	1.6354341	1.58713865	1.51302998	1.48118834	1.42201088	1.4058334
0.00323675	0.00317958	0.00321805	0.00322391	0.00335813	0.00428981	0.00405812	0.00453692

0.00013942	0.00016213	0.0001657	0.00019311	0.00024546	0.00022909	0.00023939	0.00027661
0.15486974	0.15218403	0.15041062	0.15067771	0.15319951	0.15082438	0.14271503	0.14017729
0.06467157	0.07178252	0.07732264	0.08138674	0.07930794	0.06916923	0.06939223	0.06858863
0.18289796	0.20128631	0.21318342	0.23907318	0.26605582	0.28368955	0.31570227	0.33588241
0.12218799	0.13139842	0.13620256	0.14075856	0.13363635	0.12631716	0.13162763	0.14885814
0.3596118	0.37552095	0.37085841	0.42640115	0.47217394	0.53550385	0.52922339	0.56337124
0.00245548	0.00227734	0.00171831	0.00148894	0.00121452	0.00125975	0.00129625	0.00155099
0.00108246	0.00108322	0.00107835	0.00114567	0.00117583	0.0011742	0.00120272	0.00128636
0.97336261	1.02387885	1.06603013	1.07849949	1.14904045	1.10598259	1.02306873	1.01756427
0.03514468	0.03295754	0.03449802	0.0362175	0.03479261	0.03044404	0.03086073	0.03540182
0.01900543	0.02046652	0.01935441	0.02118984	0.02188733	0.02651047	0.02906176	0.02999066
0.13615186	0.13698791	0.13419445	0.13539524	0.13477666	0.12730483	0.12057787	0.12334257
0.00853895	0.01099464	0.00956712	0.0107671	0.0100545	0.0083809	0.00587935	0.01051867
4.0067E-05	4.3796E-05	4.5551E-05	6.1378E-05	6.2066E-05	6.4567E-05	6.7553E-05	6.7949E-05
1.16625442	1.16713917	1.14509242	1.15940273	1.16815264	1.14015333	1.14452255	1.15670854
0.00300477	0.00318404	0.00322376	0.00329877	0.00366464	0.00423945	0.00415163	0.00665719
1.48253672	1.4539447	1.40569574	1.38374387	1.37462439	1.30441729	1.24675728	1.21254212
0.01555816	0.01718164	0.02235429	0.0258376	0.03486767	0.0287553	0.03002803	0.03356763
0.03557811	0.04061214	0.04152363	0.04320033	0.04397967	0.052527	0.06509544	0.06587501
0.00222981	0.002598	0.00273114	0.00285112	0.00286986	0.00290248	0.00325963	0.00331908
0.00637832	0.00667233	0.0073945	0.00818668	0.00859424	0.01009123	0.01148988	0.01343448
0.00236426	0.0023229	0.00240115	0.0028931	0.00304312	0.00295557	0.00304776	0.00357927
0.0012245	0.00130038	0.00140155	0.00162417	0.00171954	0.00206254	0.00240371	0.00244778
0.00102466	0.00107228	0.00116301	0.00127573	0.00136287	0.00153421	0.00170596	0.00173658
0.00307302	0.00315668	0.00359144	0.00404146	0.0040489	0.00481005	0.0052151	0.0054019
0.23073184	0.23035868	0.23117315	0.22945806	0.22910293	0.21703994	0.22542235	0.19443494
0.00027118	0.00026534	0.00029021	0.00035071	0.00037658	0.00040693	0.00041528	0.00047195
	0.0007351	0.00069694	0.00081077	0.0007229	0.00074924	0.00069146	0.00069979
0.06695761	0.06684589	0.07180379	0.07535239	0.0764129	0.06596103	0.07230312	0.06872123
0.00072302	0.00071542	0.00072483	0.00074706	0.00085086	0.00089197	0.0011861	0.00117811
0.00734833	0.00793295	0.00746362	0.00698225	0.00743932	0.00705209	0.00704542	0.00682742
0.11858634	0.07105841	0.07143958	0.07353532	0.08315697	0.08623698	0.11661053	0.10579375
0.03221485	0.03347604	0.03110719	0.02881771	0.04364462	0.03921349	0.03742975	0.03616135
0.05190363	0.05252873	0.05351084	0.05663734	0.06053838	0.05985527	0.05871636	0.05718948
0.01124168	0.01133747	0.01148057	0.01141166	0.01326538	0.01212175	0.01238809	0.01381537
0.10192098	0.10205303	0.10391414	0.11031336	0.11322935	0.1137305	0.11439114	0.10296902
0.79496773	0.86992625	0.84371082	0.8025284	0.8054034	0.82894963	0.91068055	0.99243013
2.47188798	2.72354264	2.886168	2.97974509	3.68795409	4.27382552	4.65065776	5.18375297
0.12295391	0.12613692	0.12810401	0.1398143	0.14239065	0.13608625	0.12351273	0.11611175
0.99034898	1.08618116	1.20790293	1.30828599	1.46189926	1.69609033	2.30699714	3.18436381
0.23712454	0.26670475	0.28191321	0.27191043	0.27502304	0.23787471	0.2508088	0.3065611
0.00873927	0.00884282	0.00850773	0.00990622	0.00994182	0.00916872	0.00862517	0.00799028
0.1539101	0.1552468	0.14566384	0.14561141	0.15245174	0.15620822	0.16528784	0.19667559
1.2222229	1.21333543	1.17988032	1.16964077	1.14874493	1.06932013	1.00707198	0.96924471
0.02387481	0.02612096	0.02679087	0.0284487	0.02665214	0.0253427	0.02188373	0.01930049
0.04211542	0.04808877	0.05221577	0.05012822	0.0524431	0.04366484	0.04643193	0.05136927
4.76847563	4.8695423	4.03691754	3.9295903	3.70799919	3.39545615	2.56220064	2.52497754
0.18691646	0.19717112	0.21229729	0.23667195	0.27795169	0.2523632	0.18575342	0.1925706
0.02831371	0.0296481	0.03064138	0.03522688	0.03284391	0.03684229	0.0454229	0.05047007
0.01270181	0.01748192	0.01543168	0.01879303	0.02946218	0.03179538	0.02886033	0.02586511
0.03035635	0.03465057	0.03854536	0.04291866	0.04723819	0.04563333	0.06310159	0.0647597

0.00026518	0.00026408	0.00035468	0.00039785	0.00037511	0.00047029	0.00033732	0.00039471
0.00023426	0.00026172	0.00024792	0.00029935	0.00031938	0.00033199	0.00035454	0.00039277
1.59160151	1.65277714	1.3427738	1.39697676	1.44146368	1.38192723	1.18491699	1.21400619
0.08452287	0.0889048	0.08765507	0.09343618	0.09477995	0.09668503	0.10145033	0.11864921
0.01183758	0.01388285	0.01420672	0.01533208	0.01650088	0.01878621	0.02109465	0.02179111
0.04955347	0.04865906	0.0432265	0.03755035	0.02865671	0.03736398	0.02671102	0.02429929
0.00190698	0.00209625	0.00262227	0.0028899	0.00269577	0.0027512	0.00272743	0.00424995
0.09295444	0.09537232	0.09495883	0.10123595	0.09265772	0.10258005	0.12867093	0.16300362
0.00044096	0.00043871	0.00046911	0.00055163	0.00057619	0.00061568	0.00063001	0.00072333
0.11351397	0.11857844	0.12338217	0.11634238	0.13272	0.12151339	0.1055526	0.14260416
0.00152027	0.00162067	0.00172572	0.00183118	0.00238396	0.00230197	0.00283616	0.00290079
0.04626506	0.04686651	0.04782043	0.04990817	0.05736097	0.05927286	0.04905468	0.0496188
0.05581471	0.06020811	0.06019763	0.05789519	0.05722696	0.05873929	0.0547916	0.05808746
0.04451245	0.04598831	0.04663474	0.04612236	0.05118308	0.04969557	0.04490626	0.04294228
0.00722495	0.00754717	0.00770158	0.00939815	0.00918698	0.00990756	0.01139065	0.00991509
0.09939223	0.10887949	0.11217823	0.12220845	0.13078561	0.1399367	0.14883556	0.15942019
0.01963628	0.02193305	0.02330985	0.02730449	0.03067225	0.03513277	0.02611258	0.03116335
0.0071891	0.00762768	0.00748729	0.0073851	0.00755718	0.00890399	0.00892805	0.00943221
0.00273812	0.00348154	0.00325506	0.00445822	0.00454689	0.00652026	0.00778615	0.0092428
1.63770519	1.72860511	1.760179	1.81440224	1.87156497	1.89697432	1.56562875	1.59367308
0.00889297	0.0089961	0.00906219	0.00937481	0.01093001	0.01131361	0.01227887	0.01304931
0.0033845	0.00353919	0.0038871	0.00490424	0.00589869	0.00811515	0.01098864	0.01089787
0.00345863	0.00368437	0.00419292	0.00424166	0.00434195	0.00483972	0.00419566	0.00446219
0.04848277	0.06124564	0.06850752	0.05848369	0.06605833	0.04486909	0.04482565	0.05321829
0.02473712	0.02859632	0.02788243	0.03252919	0.04009929	0.04277924	0.03838688	0.04355466
0.00984843	0.00990362	0.00927587	0.01036332	0.01220157	0.01372857	0.01630438	0.01752837
0.00499097	0.00545087	0.00600575	0.00625408	0.00714538	0.01017735	0.01072503	0.01035383
0.00249995	0.00252274	0.00257277	0.00298277	0.00312066	0.003264	0.00340548	0.00373224
0.00699578	0.00709921	0.0076196	0.00789263	0.00716635	0.00809021	0.00872442	0.00922808
0.00267089	0.00285648	0.00269567	0.00304366	0.00298701	0.00418432	0.00395439	0.00492887
0.45296409	0.53582786	0.52132311	0.5096819	0.5340091	0.54928433	0.51556209	0.52297987
0.01014384	0.01065053	0.01237392	0.01134121	0.01121228	0.01362063	0.01569969	0.01654578
0.01069248	0.00958124	0.01126825	0.01111115	0.0125192	0.01397074	0.01159947	0.01400099
0.00316966	0.00325108	0.0033586	0.00350719	0.00402964	0.00456785	0.00633106	0.00795805
0.23726325	0.2430887	0.21981759	0.19340139	0.17042259	0.20984904	0.20061915	0.25494017
0.02183238	0.02099496	0.02066051	0.02131958	0.02076858	0.01885164	0.01816481	0.01810437
0.32853387	0.32384397	0.31772345	0.32160738	0.31532846	0.31418281	0.30074489	0.30328662
0.1262169	0.12591881	0.12199648	0.12514938	0.12765187	0.12444857	0.12150255	0.13149097
0.01571968	0.01719579	0.0165402	0.0168471	0.01872089	0.02939455	0.03756373	0.04309235
0.12851299	0.13174306	0.12926254	0.13040707	0.13262587	0.13287966	0.12922689	0.12656518
0.03692393	0.0382929	0.0393127	0.04011082	0.06213853	0.06772027	0.05982395	0.07285857
0.76735771	0.90117957	0.94849129	1.09919023	1.40460585	1.51445049	1.57593722	1.71784682
0.03271903	0.03546472	0.035364	0.0371388	0.03816599	0.0402444	0.04236601	0.04229492
0.13880233	0.16309722	0.15389816	0.16254143	0.16252288	0.1893987	0.21168221	0.22992997
0.29881889	0.34356138	0.3229882	0.30573367	0.30300259	0.29023883	0.29771531	0.30226392
0.00930084	0.00794887	0.00912157	0.00932182	0.00702046	0.0098002	0.01189775	0.01275207
0.01391735	0.01641512	0.01674639	0.01803215	0.01865681	0.01911594	0.0238778	0.02415977
0.2645624	0.28109513	0.2862439	0.30675232	0.33117552	0.34119323	0.34876854	0.36356598
0.03533353	0.03705404	0.03678152	0.03775282	0.03678518	0.03334622	0.03095151	0.0292527
0.01901331	0.02136751	0.01770029	0.01372748	0.01617771	0.01619077	0.01690258	0.01720523
0.18124247	0.18066281	0.17219862	0.17055241	0.17211338	0.17177812	0.16985932	0.16685746

0.05398262	0.05501809	0.05022871	0.05207834	0.04722728	0.05204295	0.05729438	0.06235223
0.00554714	0.00503072	0.00542044	0.00532497	0.00577545	0.00664863	0.00543301	0.00640266
0.03724826	0.04175957	0.05121582	0.06026712	0.07108358	0.08465255	0.09419118	0.11697696
0.00827798	0.00929011	0.00944548	0.00943145	0.00901525	0.01167936	0.01302661	0.01416588
0.15045149	0.16049209	0.11624412	0.11586808	0.15573146	0.16075115	0.14851512	0.14618822
2.21987991	2.51886063	2.50671414	2.88592695	2.86197555	2.9379801	2.44119558	2.39923098
0.0025334	0.00244606	0.00274335	0.00275343	0.00241813	0.00262382	0.00283568	0.00284395
0.75202327	0.79745903	0.81293484	0.85413787	0.94726937	0.94714871	0.99093134	1.16722911
0.03574815	0.04979379	0.05563275	0.06081026	0.04874933	0.06168435	0.06127853	0.06513111
0.03508521	0.03769881	0.04638538	0.05729808	0.05977063	0.08108419	0.08334804	0.09261891
3.47140922	3.81490404	3.94609152	4.20211591	4.44867579	4.45309865	4.24033828	4.56176676
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0.0662438	0.07557698	0.07683592	0.08084819	0.08190728	0.08180599	0.08341534	0.08751709
4.5798E-05	5.4091E-05	5.9131E-05	4.8263E-05	5.75E-05	6.7224E-05	7.1375E-05	7.9186E-05
0.00164954	0.00163074	0.00171995	0.00180185	0.00197047	0.00224947	0.00190571	0.00231764
0.00209836	0.00211461	0.00206646	0.00270414	0.0025299	0.00286347	0.00309994	0.00328365
0.03735841	0.04039254	0.04356768	0.04241906	0.04327113	0.03828416	0.03871713	0.03690421
0.00285988	0.0028909	0.00312083	0.0033681	0.00342649	0.00392432	0.00417985	0.00426033
0.00011063	0.00010598	0.00011444	0.00012856	0.00013971	0.00015143	0.00016783	0.00019566
0.00028491	0.00033109	0.00038027	0.00042351	0.00043722	0.00055556	0.00063801	0.0006902
0.00290914	0.00328675	0.00339584	0.00418084	0.00402139	0.00437308	0.00386338	0.00395488
0.04448213	0.0423823	0.04614991	0.04622745	0.0503137	0.05483273	0.04924274	0.05614284
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0.24241496	0.22969077	0.20821734	0.20624587	0.2038973	0.19642439	0.18842491	0.18473147
0.00388396	0.00387157	0.00423703	0.0043664	0.00435839	0.00455578	0.00546219	0.00572466
0.00299921	0.00427107	0.004122	0.00468575	0.00388984	0.00490444	0.00569315	0.00513148
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0.00010824	0.00011236	0.00013749	0.00018468	0.00021922	0.00024284	0.00025628	0.00029168
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0.0058611	0.00525523	0.00507815	0.00501914	0.00533595	0.00755374	0.01948829	0.01636102
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28.3100009	29.6099745	30.3623836	31.241476	31.2727772	29.4475403	27.3210828	27.6712487
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0.00066489	0.00049619	0.00051192	0.00048095	0.00079643	0.00088067	0.00083816	0.00100076
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0.01785208	0.01463805	0.01797168	0.0174738	0.0163793	0.01484184	0.0163399	0.01971456
0.0008227	0.0008538	0.00088841	0.00092251	0.00095145	0.00097135	0.0009774	0.00098118
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0.10200649	0.10288714	0.1037838	0.10449913	0.10519883	0.10599877	0.10746909	0.10904801
0.00108561	0.0011082	0.00114919	0.00120673	0.00127366	0.00133915	0.00138665	0.00142452
0.07783609	0.08199545	0.08868318	0.10103089	0.1181582	0.13449264	0.13307962	0.13160551
0.58467681	0.60414143	0.62374511	0.64556337	0.65898753	0.66578612	0.67745156	0.68451728
0.03548389	0.03713858	0.03854458	0.03943791	0.04071768	0.04100519	0.04266081	0.04393811
0.0010118	0.00109236	0.00115992	0.00124301	0.00126858	0.00129464	0.00127251	0.00127137
0.56544531	0.58359457	0.59734404	0.63044837	0.65405768	0.68137258	0.70617298	0.7594824
0.21622851	0.22997429	0.23492148	0.23730853	0.23856138	0.23891018	0.24084203	0.24547424
0.10197115	0.10826198	0.11554759	0.12256191	0.12769357	0.13059887	0.13420722	0.13734413
0.26484548	0.27035725	0.27103317	0.27663148	0.28255642	0.27340162	0.27639548	0.29780333
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0.15450952	0.16127985	0.16612297	0.17278324	0.18211811	0.19090527	0.20107677	0.20802313
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0.14316688	0.14406972	0.14575674	0.14759221	0.14768315	0.14856846	0.14807789	0.14823068
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0.00569363	0.00569318	0.00570653	0.00564898	0.00570564	0.00571393	0.00398313	0.00219869
2.3808E-05	2.5395E-05	2.7012E-05	2.8337E-05	2.9656E-05	3.0973E-05	3.2297E-05	3.3633E-05
0.01901266	0.01857226	0.01840694	0.01818428	0.01847544	0.01953242	0.02155777	0.02382596
0.03130012	0.03187697	0.03314022	0.03443589	0.03575785	0.03706661	0.03778952	0.03869037
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19.0632335	19.3383809	19.3665582	19.7552415	20.2523184	20.7241049	21.3325856	21.785722
0.15672106	0.1625529	0.16775791	0.17201817	0.17653131	0.18262577	0.18906614	0.19449868
0.15743665	0.16650408	0.17599041	0.18561753	0.1950664	0.20555117	0.22003983	0.23515031
0.26129805	0.26965816	0.27838996	0.28749904	0.29703065	0.30697614	0.32045891	0.33455092
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0.01413771	0.0140288	0.01403414	0.01426702	0.01468237	0.01509912	0.01618338	0.01726385
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0.00092976	0.00093427	0.00093472	0.00093376	0.00092741	0.00091891	0.00090853	0.00089776
0.12552717	0.12706701	0.13090179	0.13525179	0.13923127	0.14374855	0.15028123	0.15847448
0.00256279	0.00269881	0.00282653	0.00312948	0.00326826	0.00338164	0.00620481	0.00506917
0.00978938	0.00978722	0.00943893	0.00925932	0.00915092	0.00916964	0.00933689	0.00954771
0.11417798	0.11944584	0.12414767	0.12772811	0.13122616	0.13784657	0.14175343	0.14661869
0.07923961	0.08208499	0.08355486	0.08672826	0.08994219	0.09187411	0.09015201	0.08784547
0.05643705	0.05694241	0.05848802	0.05968184	0.06116699	0.06331501	0.06387428	0.06274484
0.06260795	0.06451788	0.06615798	0.06877492	0.07081158	0.07418175	0.07695974	0.07860774
0.16735873	0.16045809	0.1675433	0.16477162	0.16464469	0.16483855	0.16711805	0.16704424
2.0169951	2.04598797	2.09043028	2.14325934	2.21257407	2.28315286	2.34291691	2.41565092
10.6430344	10.7675583	11.0040723	11.3780968	11.8948606	12.1992899	12.4632399	12.704886
0.08455455	0.09708694	0.10371267	0.09992134	0.10065229	0.10688642	0.10785472	0.10835899
0.98352054	0.98123387	0.99069154	1.00144086	1.00087599	1.01984873	1.03181979	1.04415849
0.23446565	0.23900863	0.24529159	0.25340672	0.26449086	0.28240674	0.3035057	0.32415219
0.00670961	0.00686611	0.00713433	0.00766217	0.00804338	0.00819046	0.00826537	0.00845676
0.4531142	0.46293959	0.47611009	0.48658353	0.49886659	0.50810394	0.51833618	0.52778046
1.30853274	1.31857503	1.33551242	1.34594883	1.35183133	1.35951039	1.36728439	1.39632342
0.03386637	0.03452649	0.03518721	0.03603889	0.03620851	0.03621224	0.03545472	0.03533737
0.07016013	0.07372425	0.0755282	0.07943078	0.08434779	0.08871374	0.0900485	0.0912144

2.43041211	2.40503317	2.37663073	2.37264513	2.34529901	2.3358084	2.29194673	2.23533519
0.22751022	0.23083375	0.23394804	0.23960871	0.24641122	0.25077031	0.25363828	0.25700462
0.32158815	0.33869382	0.35592927	0.37203851	0.37350131	0.38195691	0.39325325	0.41796339
0.07151011	0.07271883	0.07156161	0.07057067	0.06970171	0.07190859	0.07414242	0.07645366
0.11573007	0.12010055	0.12720204	0.13596255	0.14035319	0.14320259	0.1461355	0.1518124
0.00105119	0.00109641	0.00112727	0.00115089	0.00114372	0.00116406	0.00118922	0.00123619
0.0006037	0.00060176	0.00060735	0.00060331	0.00061616	0.00062549	0.00064429	0.00065394
0.98803368	0.98723901	0.97768614	1.00463248	1.01298093	1.01845681	1.0192327	1.0259032
0.03746179	0.04060675	0.04285986	0.04562941	0.04708768	0.05002193	0.0517494	0.0537845
0.05648305	0.05806602	0.05933233	0.06103425	0.06171876	0.06382878	0.06563805	0.06876941
0.06695012	0.07149773	0.07295081	0.07388148	0.07469741	0.07544761	0.07559102	0.07521938
0.01735632	0.01827591	0.01892757	0.01976214	0.02079968	0.02205577	0.02314142	0.02423485
						0.02825654	0.05427431
0.00241444	0.00243292	0.00241855	0.00240412	0.00238597	0.00240148	0.00239773	0.00240173
0.17298344	0.17309929	0.17445523	0.17813571	0.18181169	0.18495927	0.18841642	0.19522527
0.02255332	0.02286647	0.0233795	0.02367145	0.02397118	0.0241845	0.02489046	0.02569959
0.06380433	0.06550316	0.06692767	0.06796727	0.06915868	0.06930236	0.0663197	0.06325486
0.01476865	0.01463195	0.01554557	0.01595287	0.01663149	0.01791224	0.01760386	0.01808806
0.04525182	0.04586507	0.0464013	0.04594613	0.04781561	0.0479068	0.04845811	0.04862925
0.00627537	0.00670245	0.00707056	0.00745245	0.00774764	0.00791114	0.00814234	0.00853972
0.44501351	0.45206294	0.46384856	0.46763744	0.47621972	0.48033939	0.49545738	0.5128474
0.04916382	0.05000811	0.05136568	0.05100031	0.05004592	0.04846525	0.04828694	0.04794884
0.13298627	0.14000737	0.14636301	0.15261883	0.15620413	0.15941645	0.16297478	0.16761634
0.00514577	0.00524981	0.00531775	0.00565075	0.00572692	0.00625393	0.00665547	0.00705551
1.54123598	1.56091562	1.58866693	1.61974807	1.65095686	1.66795281	1.69554233	1.71729959
0.07431151	0.07390877	0.07404068	0.07441545	0.07488679	0.07560023	0.07559348	0.07568222
0.14212922	0.15027131	0.15674478	0.16557442	0.17443712	0.18582431	0.19862633	0.21185584
0.00862836	0.00875201	0.00881237	0.00929642	0.00771327	0.00778342	0.00767553	0.00761661
0.45235919	0.47837428	0.5068131	0.5351707	0.56838414	0.60012915	0.64821232	0.68979215
0.03051523	0.03056621	0.03080364	0.03132034	0.03277358	0.03456289	0.0344611	0.03439568
0.12993083	0.13589754	0.14348082	0.15136663	0.15957998	0.16431522	0.17587516	0.18919083
0.03922167	0.04035835	0.04047694	0.04201672	0.04321708	0.04485384	0.0461537	0.04769391
0.00365233	0.00373235	0.0038463	0.00427728	0.00438421	0.00445993	0.00485864	0.00487492
0.01947554	0.01971846	0.01981375	0.01996706	0.02011618	0.02061116	0.02068253	0.02082404
0.11555028	0.11872829	0.12431583	0.13117473	0.13890014	0.14393346	0.15529654	0.16590683
0.32240747	0.33181835	0.34392127	0.35359341	0.3553397	0.36058176	0.36266672	0.37133708
0.02093305	0.02127299	0.02141412	0.02176531	0.0221606	0.02205504	0.02191143	0.02206309
0.0030599	0.00311235	0.00315238	0.00323086	0.00326527	0.00335577	0.00345122	0.00361094
0.15051539	0.16115564	0.16923838	0.17822229	0.18890979	0.19867156	0.21265667	0.22170666
1.30233006	1.36779283	1.43381559	1.50274979	1.55016947	1.60183642	1.6269621	1.65239909
0.05057827	0.05213052	0.05425371	0.0562448	0.0579104	0.05923109	0.05942546	0.05978763
0.58164253	0.59490544	0.61771274	0.60240098	0.612073	0.60516682	0.60732541	0.58076017
0.10558366	0.11161716	0.11088707	0.11227017	0.12149269	0.12213577	0.12138476	0.12828312
0.24511419	0.25541579	0.26176084	0.2678672	0.27070216	0.2778302	0.28195852	0.28945537
0.06462674	0.06604751	0.06739404	0.06846911	0.06973109	0.06998417	0.06987685	0.07280692
0.03059955	0.03091293	0.03137603	0.03300654	0.03567373	0.03876292	0.04098628	0.04283297
1.45025893	1.48803762	1.52665084	1.58713658	1.64399639	1.70532795	1.72404774	1.74030453
0.03505015	0.03592824	0.0367649	0.0391451	0.04101481	0.0425211	0.04370346	0.04509216
0.28356191	0.29349534	0.30314319	0.31763407	0.32627314	0.33701978	0.35241799	0.37021628
0.77908319	0.80299341	0.8382896	0.86785952	0.89742803	0.92115769	0.94682999	0.96225302
4.1771E-05	4.3978E-05	4.5535E-05	4.678E-05	4.7022E-05	4.7959E-05	4.9589E-05	5.1611E-05

0.0620805	0.06291617	0.06522044	0.06682231	0.06911333	0.07009045	0.07174338	0.07340151
0.65966967	0.66023199	0.66052847	0.65735159	0.65631409	0.6592022	0.67661463	0.69290945
0.03211576	0.03265487	0.0334418	0.03435532	0.03520483	0.03580313	0.03589945	0.03586874
0.23852254	0.23649042	0.23583421	0.23335995	0.23069303	0.23032353	0.23030884	0.23440095
0.24128777	0.23404646	0.23638856	0.23899881	0.24014959	0.24377151	0.2455823	0.24556265
0.07132228	0.06872498	0.0678935	0.06792975	0.06719334	0.06607952	0.06490925	0.06650285
0.00469871	0.00477641	0.00482579	0.00491419	0.00499109	0.00507391	0.00508275	0.00510573
0.00048451	0.00053519	0.0006115	0.00071578	0.00084489	0.00098907	0.00113511	0.00127262
0.00799571	0.00822458	0.00883182	0.00943434	0.00962529	0.00986633	0.01143979	0.01301635
0.44654572	0.44613857	0.45177506	0.46632043	0.46141045	0.45486472	0.43165382	0.41309794
2.19798525	2.23810482	2.27242016	2.33268085	2.3680946	2.40063319	2.41973929	2.43516792
0.06823686	0.06976488	0.07279023	0.07699319	0.08169337	0.08670868	0.09412015	0.10008871
0.30558974	0.31742028	0.32946755	0.34408145	0.35183178	0.36011849	0.37636653	0.39770476
0.12757441	0.1280368	0.12930135	0.13035219	0.1313615	0.13231255	0.13342905	0.13406359
0.39611611	0.40733945	0.42269731	0.44318176	0.45960781	0.4722308	0.48496668	0.49774391
0.13502325	0.14182386	0.14780055	0.15357773	0.16019586	0.16712873	0.17505471	0.17974495
0.04904009	0.05101755	0.05318086	0.05538335	0.05770371	0.05936179	0.06107416	0.06427701
4.5332E-05	4.4457E-05	4.3902E-05	4.3845E-05	4.3957E-05	4.4525E-05	4.4772E-05	4.4712E-05
0.00390813	0.00403987	0.00418893	0.00432399	0.00445217	0.00455637	0.00472158	0.004917
0.04087404	0.04403556	0.04732015	0.04920515	0.05161397	0.05403491	0.05551585	0.0561738
0.07044678	0.07009671	0.07073611	0.07106959	0.07210933	0.07274452	0.07348707	0.07341292
0.07650205	0.07986259	0.08305177	0.08640859	0.08917541	0.09279776	0.09967459	0.10684697
0.00012066	0.00012101	0.0001209	0.00012056	0.00011964	0.00011864	0.00011742	0.0001159
0.00137482	0.00144882	0.00148372	0.00152697	0.00156313	0.00161083	0.0016199	0.00162533
0.00457514	0.00465029	0.0047843	0.00492052	0.00503333	0.00513923	0.00528133	0.00542566
0.12539646	0.12571906	0.12454246	0.14400662	0.12433887	0.12766544	0.1314186	0.13032768
0.03552164	0.03488712	0.03406437	0.03382567	0.03460968	0.03537419	0.0361999	0.03632732
0.17272425	0.17353921	0.17901826	0.17913729	0.18256833	0.18553587	0.18969104	0.18847912
0.01236739	0.01263767	0.0124481	0.01173205	0.01117708	0.01104854	0.01086113	0.0108639
						0.00046439	0.00091423
9.0393E-05	9.3064E-05	9.6271E-05	0.00010021	0.00010471	0.00010913	0.09729125	0.1955832
0.00019852	0.00021642	0.00023489	0.0002529	0.00026921	0.00028254	0.00029138	0.00029911
0.09746131	0.10117962	0.10439404	0.10685106	0.1099409	0.11303683	0.12659409	0.14016922
0.04432692	0.04680228	0.04901433	0.05093476	0.05263039	0.05479703	0.05704035	0.05968454
0.65995282	0.67330369	0.68543038	0.69580891	0.68994192	0.68719094	0.69966138	0.71507178
0.05390139	0.05535249	0.05732043	0.05936421	0.0610106	0.06271951	0.06761853	0.07298037
0.06696859	0.06899148	0.07022024	0.072407	0.07412536	0.07619732	0.07622288	0.07623803
0.00874281	0.0089527	0.0091177	0.00938463	0.00963855	0.00975799	0.0098296	0.00998817
0.00101978	0.00103281	0.00103596	0.00105451	0.00106828	0.00108883	0.00110382	0.00111473
0.0151589	0.01523531	0.01552746	0.01568878	0.01582795	0.0160556	0.01664009	0.01732123
0.14751618	0.1503507	0.15162526	0.1547357	0.1562839	0.16142277	0.16495883	0.17036984
1.15668806	1.16702593	1.18560177	1.19695384	1.20157765	1.20211744	1.22369831	1.26183905
0.34624948	0.34597197	0.33992144	0.34776767	0.35459088	0.35386176	0.33559796	0.33060386
0.3340858	0.34207633	0.35845275	0.37429854	0.38344497	0.39649612	0.41142024	0.43796944
0.23290135	0.24438323	0.24634683	0.25207044	0.26094004	0.27751065	0.2998285	0.31596011
0.6800518	0.68723082	0.69829151	0.69741023	0.69863247	0.69074262	0.68447994	0.67647419
0.04582442	0.04452506	0.04432346	0.04534338	0.04730589	0.04880821	0.04932009	0.04915284
7.67868791	7.85484519	7.91805744	7.97083676	8.04109848	8.05416237	7.93874502	7.86883877
0.30242534	0.31503527	0.32503768	0.33147219	0.34099365	0.34952861	0.3772043	0.40525564
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0.00228865	0.00231197	0.00229665	0.00233262	0.00235702	0.00241285	0.00251331	0.0025849
0.18424262	0.18748786	0.18934473	0.19713561	0.20118718	0.21089435	0.22326144	0.23295557
0.60017752	0.61901126	0.6369153	0.65474588	0.67002135	0.68044384	0.68457488	0.69023164
0.08921605	0.09497327	0.09616067	0.09797292	0.0979115	0.10284642	0.11118006	0.11976345
0.10012484	0.10340037	0.10774578	0.11059646	0.11321984	0.11584081	0.1281573	0.14084558

11.4634138	11.81819	10.8789471	10.2811757	10.7111185	10.0065423	10.3656137	10.8324851
642.514576	639.44535	639.893354	634.938543	555.023231	595.999478	581.463373	610.085421
191.623466	191.744806	188.27741	195.921154	199.681193	192.232546	167.973955	183.181097
508.395308	492.750772	482.2113	465.764231	466.569401	447.731193	371.756071	399.581033
1304.24028	1300.22215	1294.29152	1308.29599	1329.7515	1255.91243	1159.13743	1187.92551
234.39817	244.369408	244.434304	249.330665	256.882229	244.851994	208.03776	221.445074
804.982898	824.601894	822.892184	834.732331	843.302711	826.596359	800.080376	793.702903
7.33187556	6.58009462	6.2029805	6.70825283	6.67904112	6.46792328	6.72223239	7.03310462
259.649083	257.895387	252.781224	251.388755	253.659314	253.890553	252.434999	251.83139
17.4023948	17.2493569	18.1454618	18.9787714	19.3358196	20.9269124	21.0948059	22.8073351
87.2513281	83.9732299	81.4895303	79.5782478	78.5376456	74.8469227	70.1414983	70.2391011
1.15226843	1.1623006	1.16163676	1.18168377	1.22499772	1.1792925	1.08495529	1.17377665
1.237759	1.36116636	1.52361536	1.6163506	1.6921393	1.78260572	1.81102633	1.98758884
0.84037347	0.85858406	0.84179857	0.82284164	0.84461027	0.78676483	0.68327772	0.77473195
3.19769305	3.0101789	2.77762689	2.65593773	2.5191725	2.35390653	2.21802843	2.06181279
181.157879	175.612574	169.484919	168.770518	164.864932	159.972636	156.69156	153.234651
85.1904932	93.9986875	96.763726	90.1325813	95.8969083	96.2152477	94.3677346	97.5193765
143.312655	143.903619	141.129561	139.50274	143.056381	138.305451	138.163927	141.218379
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1.5672764	1.57330982	1.5672125	1.59297423	1.6421696	1.56852013	1.44871575	1.55737499
15.1040697	13.9292332	13.2834044	13.1750808	13.0764461	11.8846397	11.4917632	12.2613048
58.2931743	57.5214076	57.7051999	52.2314819	50.285152	41.5525563	37.4133825	39.3520567
8.17093687	8.14758311	7.91749637	7.93262994	8.01840175	7.82045092	7.51563358	7.42853338
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113.059873	117.373339	106.676521	110.529611	113.645125	111.196211	121.927653	122.225544
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4077.09601	4508.7587	4925.62699	5167.71948	5440.97634	5556.52985	5545.07918	6089.33619
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1789.85338	1900.87336	2015.16403	2171.95604	2322.39814	2332.86367	2327.13754	2503.61603
6086.89877	6369.25153	6510.4637	6662.11156	6869.99457	6874.2039	6734.50045	7019.79476
15.6799064	14.8148239	14.0803145	14.9851644	15.1597393	15.8909153	15.3742977	15.7013656
3912.48987	3988.47262	4045.38272	4095.60136	4144.46563	4216.66176	4230.6331	4262.79467
295.329092	298.016741	300.02365	301.47564	298.84182	301.146139	299.476476	300.431147
2447.68722	2507.98415	2578.52172	2638.79525	2629.26768	2671.27087	2622.67155	2708.25386
13.1957036	14.6985105	15.9751068	16.7469891	17.3524782	17.6860675	17.2810068	18.7359926
6.79916791	7.23933179	7.62184705	7.86082128	8.29281477	8.58701851	8.81917437	9.89628376
6.06166665	6.51971942	6.81835414	7.51774275	8.05444083	8.12001698	8.09475147	9.24110511
33.47894	33.5945638	33.5018123	32.3794589	31.691702	31.9834102	31.6758911	31.9836778
1309.12503	1326.04284	1339.87104	1372.98861	1398.805	1405.20299	1411.81706	1431.22612

688.223549	757.649889	805.540718	775.444017	778.591141	758.379154	776.783928	829.146533
1421.22137	1458.10726	1465.84777	1495.74093	1516.40424	1511.18492	1548.18034	1554.85108
65.52696	67.8996009	69.5036829	70.0092568	69.1938182	69.3211275	67.7850475	69.399012
5.47945132	5.5392396	5.79560694	5.86651559	6.33452396	6.61039595	6.66437448	7.05872383
17.3150771	19.2166507	20.9730522	22.102703	22.9125632	23.3414709	23.4030408	25.1618356
66.5937166	68.5201522	70.9871006	73.8420564	79.3960807	78.0661546	78.4251253	84.8767998
292.672683	298.936187	307.325206	305.749022	316.461552	294.883703	261.332398	271.134768
81.4517408	86.4072417	86.9382724	90.674938	94.2498922	95.6306697	90.6753128	95.0203153
89.0173821	90.4203474	91.7140467	93.8274593	96.1109034	97.9998276	100.067042	102.089413

2011	2012	2013	2014	2015	2016	2017	2018
	0.06285713	0.05515713	0.08449046	0.11696665	0.16300949	0.31129994	0.16133331
0.03017143	0.0541619	0.03399524	0.05348095	0.05651904	0.04740476	0.0541619	0.0464619
1.11539986	0.92468084	1.00000463	1.1466189	0.89225704	1.3857903	1.27840935	1.59211883
0.011	0.01885714	0.03284286	0.0352	0.03394286	0.03944286	0.05248571	0.05107143
1.83228555	1.85093313	2.12886642	2.18292357	2.29177119	2.50522353	2.6412044	2.1553712
0.0277619	0.04190476	0.06034285	0.06285714	0.08113809	0.0715	0.06641904	0.05410952
0.07390952	0.06233333	0.05882381	0.10507619	0.10308571	0.09590952	0.13231428	0.16264286
0.04504762	0.04504762	0.04661904	0.04661904	0.04033333	0.04033333	0.04033333	0.04033333
1.80829494	1.79100923	1.83034732	2.13389489	2.05469492	1.96700921	2.03112349	2.14788062
0.53742857	0.69331428	0.60238094	0.87214284	0.69771427	0.90969997	0.84375235	0.75742855
0.02137143	0.01885714	0.01948571	0.011	0.0154	0.0242	0.02938571	0.02341428
0.7904285	0.69823803	0.69980944	0.66942852	0.55350946	0.38657139	0.54743329	0.61647138
8.36062805	7.92790902	8.41478988	8.59608031	7.98002803	9.30966593	9.36581835	9.22821358
3.1803092	3.32021869	3.31739014	3.48663296	3.58767583	3.40633298	3.65519485	3.71511866
0.06809524	0.05981905	0.06013333	0.04609524	0.05358571	0.05819524	0.04897619	0.01545238
0.29233805	0.29705233	0.29762853	0.30092853	0.29736662	0.29008567	0.29160472	0.332619
24.6058963	25.3130915	26.5099961	22.5878159	24.6508393	18.2057831	15.161717	15.3779456
0.05515714	0.06877618	0.09779523	0.11591904	0.08181904	0.08841904	0.06610476	0.05285238
0.0497619	0.04887143	0.05557619	0.06102381	0.07977618	0.06757142	0.08323333	0.07013809
0.54832375	0.48619994	0.5278428	0.55188565	0.84694754	0.72191421	0.67927612	0.59358088
0.21916189	0.15064761	0.10193333	0.15970951	0.16667618	0.16515713	0.16054761	0.21973808
0.12519046	0.12697142	0.1316857	0.1646857	0.14362856	0.10675237	0.11445237	0.06097142
0.00612857	0.00675714	0.00314286	0.0055	0.00408571	0.00455714	0.00361429	0.00581429
0.20795236	0.20219046	0.29176188	0.33895711	0.28238568	0.28243806	0.29715712	0.19799998
1.08004277	1.05987609	1.10398085	1.19690463	1.26374273	1.19198084	1.23351896	0.88560469
0.06652381	0.06023809	0.05080952	0.05945238	0.0717619	0.05625714	0.07558571	0.0737
0.14389047	0.17882856	0.13839047	0.19029999	0.16719999	0.18506189	0.16657142	0.18904284
0.06699523	0.08433332	0.10931904	0.19009046	0.21130474	0.17427141	0.17448094	0.25891903
0.25870949	0.27389997	0.30826187	0.35545711	0.35697615	0.542719	0.38887616	0.47834281
2.59285692	2.12064264	2.24923787	2.26495215	2.48411404	2.70139021	2.79368545	2.94868071
0.76617613	1.04033801	1.18396657	1.18066659	1.08166658	1.20004753	1.43256657	1.1069142
0.06055238	0.05992381	0.06914286	0.07542857	0.09428571	0.08171429	0.08171429	0.08569524
0.23047617	0.32476188	0.28065712	0.3397952	0.48504757	0.46482853	0.3356047	0.35184279
2.40056659	2.74706657	2.63989514	2.57661895	2.72066653	2.73423318	2.61469986	2.49165702
1.86790472	1.83490472	1.94228567	1.86161899	1.77519042	1.79823805	1.76995233	1.80819043
0.08485714	0.09994286	0.06914286	0.07689524	0.05641429	0.05767143	0.06484762	0.07186667
0.20166666	0.19380952	0.17730952	0.19663809	0.20150951	0.20559523	0.21109523	0.1875238
0.29092379	0.33083807	0.38835234	0.41124282	0.3428333	0.38358569	0.40259998	0.47881426
0.08014284	0.0942857	0.09271427	0.07857141	0.09585713	0.09899998	0.09051427	0.09019998
0.34728571	0.33471428	0.34099999	0.2975238	0.21057142	0.15242856	0.16814285	0.17076189
5.07545169	5.84105168	5.01641838	5.16072789	5.83869451	5.43640885	5.7917612	6.15722308
25.9392533	25.860158	25.5586531	25.6623674	26.1607198	25.3388104	25.8574342	26.9100292
0.11984761	0.09061904	0.13566666	0.13545713	0.15316189	0.1514857	0.16699046	0.16484284
1.45619026	1.49757121	1.26290456	1.42785217	1.06663318	1.40669026	1.53612357	1.63653784
0.21308568	0.2407952	0.30354757	0.33345709	0.2850571	0.39301422	0.25954758	0.34807139
					0.00020952		
0.03975714	0.03834285	0.03451904	0.04352857	0.0541619	0.08113809	0.06196666	0.0654238
0.83652372	0.89938085	0.92504752	0.8689999	0.95333323	0.88471418	0.88209514	0.8417618
0.02110952	0.02755238	0.02388571	0.02482857	0.02467143	0.02367619	0.02095238	0.02482857

0.77832854	0.72338092	0.72579044	0.66419045	0.63475235	0.68514283	0.66769997	0.63826187
0.17914286	0.18982857	0.10769524	0.20412857	0.22958571	0.29291428	0.27819524	0.31135238
0.07867619	0.10649047	0.19139999	0.14200475	0.09700952	0.15913332	0.1490238	0.14483333
0.0924	0.10057143	0.08957143	0.08391428	0.03540952	0.02849524	0.13262856	0.11309047
0.14142855	0.14457141	0.35346661	0.35912376	0.43119993	0.4441904	0.42177136	0.3859428
0.00157143	0.00235714	0.00314286	0.00314286	0.00314286	0.00314286	0.00314286	0.00314286
0.03252857	0.05143809	0.05264286	0.0275	0.04640952	0.05149047	0.05395238	0.03305238
0.05054761	0.05594285	0.05468571	0.03142857	0.04478571	0.01340952	0.06290951	0.02650476
0.3554571	0.34592377	0.35456662	0.39165233	0.45346184	0.3065333	0.25519997	0.28757139
0.28652381	0.28547619	0.26819047	0.30726666	0.42638095	0.42800476	0.46519524	0.4345
0.09700952	0.15410476	0.1597619	0.1487619	0.20061905	0.19464762	0.18144762	0.1817619
0.36561904	0.37085714	0.56010951	0.52187141	0.47478094	0.49416189	0.65193331	0.57409522
0.01728571	0.01728571	0.09889524	0.05992381	0.07909524	0.12875238	0.12403809	0.20255713
2.89561885	3.04438076	3.43351885	3.31791409	3.0179808	3.10556167	2.68714264	2.55865218
0.0143	0.01932857	0.0253	0.02247143	0.02011429	0.02137143	0.02404286	0.01482381
		0.14870951	0.11361427	0.11460951	0.22859045	0.36897139	0.33136188
0.1250857	0.14771427	0.17112854	0.26200949	0.27929521	0.50605234	0.60033803	0.92483803
		0.02241905	0.02179047	0.02304762	0.02299524	0.02283809	0.0299619
1.31476185	1.27390473	1.52789994	1.3658333	1.12676663	1.301719	1.26473805	1.38154757
0.14205712	0.33303804	0.56917133	0.32591423	0.2616952	0.31758566	0.65334752	0.60651895
0.04347619	0.08124285	0.07563809	0.05541904	0.11665237	0.10937142	0.15494284	0.06694285
0.02723809	0.02723809	0.02723809	0.02723809	0.02880952	0.03038095	0.03038095	0.02723809
0.00942857	0.00942857	0.0099	0.00832857	0.00717619	0.00665238	0.00539524	0.00508095
	0.10329522	0.17254283	0.1429476	0.17641902	0.17249045	0.1938095	0.22670473
0.64952372	0.68964753	0.63915229	0.71400467	0.77062847	0.70588563	0.81363323	1.01729039
4.75194683	4.28497075	4.79028972	5.00966112	3.99656131	5.50864202	5.15601352	5.22101826
0.56854282	0.59117139	0.74637612	0.69970471	0.91818566	0.79210472	0.90362376	0.69844758
0.98423801	1.03557134	1.23959514	1.57237129	1.37688561	1.4931713	1.50333321	1.39160465
1.97790467	2.11933323	1.9244761	1.73485706	1.82652372	1.963238	2.02263801	1.74323802
0.40857141	0.35357141	0.28484759	0.23508569	0.15803331	0.21397615	0.20082854	0.2965809
0.04138095	0.04138095	0.04138095	0.03352381	0.03980952	0.03352381	0.03677143	0.03378571
0.0354619	0.06018571	0.04363333	0.05468571	0.03341905	0.0484	0.0442619	0.05039047
0.00157143	0.00157143	0.00157143	0.00157143	0.00157143	0.00141429	0.00157143	0.00157143
0.992619	1.03399996	1.04866663	0.94285711	1.14761424	1.18255233	1.19706186	1.15007615
3.99247617	4.19361903	3.90002379	3.8320857	4.80218093	5.44997616	4.60774282	5.26093327
0.31428567	0.34519043	0.28956187	0.2801333	0.33256662	0.3466571	0.3136571	0.30988567
0.21371427	0.25226665	0.42260949	0.23382856	0.27044284	0.24870473	0.35613806	0.1694
0.12969522	0.11890474	0.16845711	0.19946663	0.1184857	0.30490947	0.06835714	0.13619046
		0.05499999	0.04766666	0.05175238	0.05007618	0.06437618	0.05342856
0.22733333	0.21738095	0.15300476	0.1925	0.23812381	0.17689047	0.26269047	0.23990476
0.06809523	0.0555238	0.06180952	0.06809523	0.07626666	0.0942857	0.06097142	0.10664761
0.00188571	0.00335238	0.00272381	0.00335238	0.00251429	0.00272381	0.00293333	0.00335238
0.02158095	0.01152381	0.00890476	0.02378095	0.02477619	0.01230952	0.02362381	0.01681429
0.2410571	0.18102854	0.03017142	0.04022857	0.00062857	0.00062857	0.05819523	0.03535714
2.63140925	2.62512354	2.73763779	2.4453521	2.24792832	2.48725685	2.73219015	2.67320919
0.03032857	0.01162857	0.00597143	0.02278571	0.02058571	0.00874762	0.11267142	0.10214285
0.56571424	0.58142853	0.83694279	0.86679993	0.92399991	0.83568564	0.81441898	0.81604279
0.00785714	0.00942857	0.00942857	0.00942857	0.00942857	0.00942857	0.00942857	0.00942857
0.24514286	0.25352381	0.1498619	0.17165238	0.19763333	0.27898095	0.20721905	0.23932857
2.11435704	2.45430941	2.75974271	2.5177951	2.51538557	3.3062331	2.70207117	2.22985692
0.3984095	0.40239045	0.14624761	0.16353333	0.20308093	0.10319047	0.13938571	0.14341904

0.05730476	0.08595713	0.1682476	0.11963808	0.0876857	0.14745236	0.15991903	0.20224284
2.16872851	2.20293329	2.24379043	2.13384278	2.00561422	2.54566179	2.75576176	2.55807606
0.1382857	0.28353806	0.24540473	0.17888094	0.20475712	0.19915236	0.21104284	0.26960475
6.16146592	6.46951826	6.23621353	6.29723733	6.69103727	6.73032298	6.76662297	6.50728491
1.66382856	1.78011427	1.80436663	1.80923804	1.87953328	1.96789994	1.46148091	1.7917952
0.42281899	0.41689994	0.28039519	0.32916186	0.30171424	0.26211424	0.30234281	0.1052857
2.39904743	2.69814266	2.91892832	2.73056647	3.41136162	3.1425426	3.31545211	3.33823783
0.44314281	0.486619	0.63915232	0.83500467	0.71117613	0.84092372	1.08810939	0.89634278
0.18736664	0.1264476	0.15881902	0.14755712	0.11796189	0.1278095	0.09418094	0.11314284
0.09585714	0.06914286	0.09941904	0.09182381	0.11806667	0.11733333	0.0690381	0.08621905
0.01804353	0.02527109	0.03006285	0.03392545	0.03635185	0.04524994	0.03872108	0.04242438
0.69595632	0.63247326	0.61642878	0.55020553	0.77987678	0.62052612	0.5301274	0.65442293
4.02406655	5.52668062	6.69477512	6.35245661	5.84821893	5.51907525	5.71846715	5.61515691
1.602E-05	1.602E-05	1.7201E-05	1.7173E-05	1.7241E-05	1.7556E-05	1.7872E-05	1.7356E-05
0.56882854	0.50002672	0.56940236	0.62962539	0.63752384	0.66415923	0.75677852	0.76357734
0.20295485	0.13430822	0.13729301	0.14027753	0.14326232	0.14624683	0.14624683	0.14533354
0.67452638	0.54917192	0.87449659	0.88046585	0.97000475	1.01775883	1.00709809	0.80354569
40.3235147	41.1071048	43.5733271	41.3440908	42.0453674	42.220999	40.3332688	38.6032009
1.83536236	2.04047794	1.98524249	1.81067759	1.74965103	1.74666916	1.78592083	1.62681995
0.01317862	0.01522568	0.0188723	0.02150157	0.02286165	0.0293486	0.02296234	0.026836
19.2119693	19.5754447	19.9509186	20.3959546	21.0261826	20.4088425	21.1945911	21.1249917
9.32613257	8.91053011	9.1620156	8.15633239	8.57854891	8.81277371	8.97926795	8.18775827
7.27932316	6.34158228	6.2218478	6.72834997	7.07938727	7.76132104	7.19042671	7.47679854
0.03945959	0.03533073	0.03644687	0.03488959	0.03256558	0.03712589	0.04191204	0.05316702
24.1828287	25.3906254	27.6996333	22.059527	24.8957805	24.7559003	24.5955597	24.3233128
0.88350888	0.5901968	0.27554483	0.20324486	0.09869481	0.13967472	0.14022284	0.17720475
0.20651564	0.23729859	0.26825307	0.25984563	0.307148	0.29567182	0.32746391	0.34301012
10.1754304	10.1518986	9.77205697	10.3774139	10.8205936	12.1259764	12.5796574	13.3803793
1.98247315	1.92638385	1.6612797	1.41600099	1.56616941	1.59695049	1.63862743	1.47559602
0.22779748	0.23675131	0.25813747	0.25449436	0.27902992	0.26279017	0.22271562	0.25979884
0.05306034	0.06846343	0.07943233	0.08733721	0.0879919	0.11605379	0.11387789	0.14041325
1.63008581	1.49236765	1.20996311	1.18676981	1.24616495	1.3652742	1.07343656	0.92966786
7.30812249	7.62328091	7.37421115	6.97318271	6.56165019	6.90479574	7.19553819	7.34742422
0.00915066	0.01078034	0.01474951	0.01548657	0.01928948	0.02412646	0.02341138	0.02235173
0.00951107	0.01194428	0.01438915	0.0209016	0.01810201	0.02904123	0.02364032	0.02838788
2.04245683	2.08172042	2.13403358	2.20378035	2.22564475	2.24968893	2.27511413	2.44957177
36.9504066	37.5689945	37.9062015	38.6752126	38.5519226	38.3661524	39.6912931	39.2019407
0.03494001	0.03655729	0.04570785	0.04449657	0.04908413	0.06282243	0.04914502	0.05911235
0.10283302	0.09939955	0.14894595	0.17553383	0.1234172	0.12187468	0.16914878	0.20904619
0.03273924	0.03820245	0.05483998	0.05831891	0.07893495	0.08846345	0.08903983	0.09468947
0.18136988	0.20690634	0.20675517	0.22836565	0.15093787	0.13202931	0.12838887	0.13754104
0.02166366	0.02160184	0.01321502	0.01519048	0.01998482	0.02202759	0.02195358	0.02168565
88.5741203	82.9523071	86.5367447	91.3730621	88.0954859	85.8388888	90.6755071	96.6248748
13.4015931	14.6587438	15.5184432	12.1610285	13.0437455	13.5560629	12.9907918	11.9197368
7.02337339	6.24777739	6.06327772	5.42900497	5.51242687	6.72765375	7.85994284	8.05706308
618.257263	643.153963	675.050288	683.972619	716.876337	724.941329	723.364093	665.882863
0.65012909	0.85404655	1.09279142	1.08194362	1.10648951	1.21528517	1.38806434	1.30665599
0.40483415	0.42605576	0.45324667	0.48640632	0.56149421	0.56795724	0.61630228	0.65032924
0.02834297	0.02834297	0.03149235	0.00944755	0.00629847	0.00314908	0.00220445	0.00409703
0.10526301	0.08387683	0.09001045	0.08686136	0.08265917	0.09210673	0.07940827	0.07987245
0.00819383	0.00896059	0.01217648	0.01451825	0.01507592	0.01674884	0.01645717	0.01574968



8.38864926	8.59043993	11.4143123	11.9653496	10.8820459	11.0378525	9.44547629	9.99601935
0.01460268	0.01478951	0.01655963	0.01542299	0.01525572	0.01823306	0.02247139	0.02333432
0.0913484	0.07684434	0.06997518	0.07802403	0.0710857	0.07614974	0.07700325	0.07366479
0.40886444	0.41481888	0.43014521	0.46111153	0.47636208	0.456465	0.48337145	0.47461537
3.61914999	3.76626028	3.73003582	3.62666673	3.6616984	3.19174597	3.43686078	3.24179679
0.01239435	0.01283963	0.0157559	0.0178218	0.01969211	0.02450951	0.02327774	0.02456277
0.63856823	0.60929933	0.53609572	0.48663531	0.54067423	0.54002512	0.54793148	0.4775841
13.170031	13.2433409	13.3054671	11.6937426	12.0281085	12.5522811	12.8570599	12.0060792
129.859191	137.219565	147.742446	127.038187	130.719749	134.299267	132.423385	128.144352
0.06561577	0.08172079	0.07882806	0.08331315	0.0688587	0.0634835	0.05302298	0.05287663
0.00321905	0.00357016	0.00426991	0.00504829	0.00559061	0.00712496	0.00562588	0.00669651
5.29987285	4.99299129	4.98154714	4.23484233	4.37531933	4.41901642	4.3390286	4.24727531
1.4139018	1.43276433	1.48113144	1.51060346	1.68178664	1.77084961	1.73282976	1.77060685
18.5701984	20.3290674	22.6019876	21.5742714	23.5099992	23.9482885	25.7310954	30.5383696
6.74191575	6.94742555	7.01182035	6.9082556	6.59606178	6.88936966	7.18892549	6.59732404
22.8073976	22.4450128	18.2365228	18.759277	19.168863	19.69892	19.6411688	19.6384848
0.05877198	0.05873421	0.0556226	0.05247352	0.04617504	0.04617504	0.05095815	0.04880627
0.0395543	0.04164326	0.0387811	0.03556659	0.03387852	0.02902478	0.02595976	0.0272924
32.5172737	32.3597713	32.056834	30.0600767	30.9751909	30.8558336	31.1317171	32.9704224
0.67073973	0.69250618	0.68911926	0.76853889	0.77117593	0.77869338	0.75324174	0.74761557
1.37411752	1.55189696	1.6452087	1.88615055	1.8150232	1.73713072	1.47739726	1.5857855
4.4713174	4.73241595	4.32095435	4.21076414	4.17943211	4.29670554	4.17742215	3.93342607
0.10269682	0.10410799	0.152576	0.19453466	0.23137058	0.237743	0.24160156	0.24005947
0.00078766	0.00090567	0.00112258	0.00125085	0.00136245	0.00179053	0.0014172	0.00168285
83.5727261	89.2200551	92.3107594	76.7170317	79.5330257	79.0161187	78.5813112	74.5580301
0.33162127	0.35357374	0.38194331	0.36591411	0.35634768	0.3593322	0.21990235	0.22047041
86.2048381	94.7520872	96.0198335	81.5684731	85.693195	92.7953134	90.3558184	91.9568093
1.39828594	1.74527738	1.45202295	1.68237503	1.84354477	2.05802098	2.27742137	2.21328657
1.05109588	1.20402998	1.0933486	0.87004765	0.97550756	0.97168794	1.12989656	1.13611547
0.2621014	0.24403582	0.20256113	0.22217966	0.22688406	0.25106705	0.23691179	0.22489868
0.06428961	0.06428961	0.06428961	0.06428961	0.06428961	0.06428961	0.06428961	0.06428961
0.04823191	0.04529719	0.04235143	0.04840141	0.04542088	0.046756	0.04505049	0.04321881
0.03300155	0.03254399	0.03117914	0.0340309	0.03225871	0.03438963	0.0262417	0.02508816
0.12782336	0.12483884	0.12798766	0.12798766	0.12815251	0.125168	0.12312895	0.1135965
11.4830623	8.90647726	5.40480014	5.27104208	6.98649559	6.38537245	6.24616689	5.49097336
0.00570941	0.00639408	0.00892407	0.00845249	0.00919374	0.01188097	0.01060287	0.01190089
0.29136402	0.30725847	0.31361625	0.28477527	0.28156671	0.28778094	0.29536916	0.29404343
0.66223654	0.76369189	0.75574733	0.82354929	0.89900964	0.96815004	0.93670746	0.97582929
0.02111185	0.02111185	0.02111185	0.02111185	0.02111185	0.02111185	0.02111185	0.02111185
0.27793221	0.36622392	0.34729804	0.37873613	0.37237673	0.3782017	0.41144991	0.41298419
1.64829595	1.62844312	1.61508351	1.61398722	1.57846421	1.60475093	1.59987328	1.67661924
0.25597558	0.27029982	0.27793704	0.83301021	0.4059165	0.40023248	0.69626499	0.54790887
3.26391523	2.94710952	2.79321704	2.53683186	2.72735112	2.79381901	2.82469532	2.7492943
0.20620252	0.19327672	0.33068985	0.16575665	0.26521495	0.26836403	0.27067679	0.27469066
13.1737796	11.4247544	11.342666	10.4674847	11.263487	11.8264326	12.0822397	11.525722
29.5431501	33.5525341	33.6079116	33.0418704	29.8407077	29.7682223	30.7103331	30.0968025
149.688662	162.888779	159.47333	167.841396	172.158496	178.084627	183.211744	190.048571
9.48286174	9.02517973	8.89309432	7.89838001	8.42241222	8.66484544	8.29684481	8.93600151
135.215769	125.485717	135.34507	133.901237	135.86909	144.101136	136.798836	133.603377
10.9727762	12.0738742	12.0735564	8.88462424	7.20969856	8.05378903	8.97676712	9.30596259
0.57698106	0.56125847	0.66445783	0.62707464	0.68394342	0.56146274	0.55905961	0.57669315

4.93343369	4.27985468	1.05084779	1.10813361	1.74020321	1.71002045	1.74203713	1.69338654
77.9134818	76.819108	76.1500339	64.8993879	70.9112937	71.1040443	70.7581398	71.2987287
0.41968848	0.49910302	0.33772021	0.28494533	0.33411398	0.35309296	0.37917978	0.41504156
2.44186384	2.37292687	1.77016232	2.06050802	2.3300172	2.45966868	3.11820917	2.82672381
141.558615	137.860004	141.777677	135.320218	131.963986	129.195961	133.464285	125.665346
25.5537932	24.4533535	23.3359546	30.1035439	31.6171455	33.1407885	37.204815	38.4382515
1.45018611	1.54130595	1.54205464	1.75758534	2.06447859	2.09002887	2.42855482	2.12924321
2.10331844	2.22345111	2.40363198	2.19892444	2.39366049	3.14202558	4.61702529	6.19527018
0.23781292	0.32418301	0.502767	0.7008414	0.90580479	1.03910958	1.10640952	0.92175306
0.00498739	0.00507857	0.00703738	0.00793444	0.00935941	0.01073695	0.01125866	0.01082547
0.0048378	0.00537698	0.00663034	0.00748445	0.00800896	0.01040061	0.00862231	0.00990737
61.8725929	60.7532799	60.7112876	54.4146096	56.0297665	58.2358209	59.581417	58.4547587
0.55027989	0.56602621	0.52623837	0.64144295	0.64658911	0.80125213	0.89019933	1.00976284
0.00933399	0.00933399	0.00933399	0.00933399	0.00933399	0.02177932	0.03885613	0.0396154
0.69519078	0.70138816	0.77600384	0.71884806	0.81289376	0.84712015	0.78180837	0.7504614
0.08888727	0.0950739	0.07965563	0.10839949	0.10055791	0.11731962	0.09600247	0.10387767
1.17947716	2.1026924	1.87448927	1.60661896	1.1626995	1.18707045	1.2352259	1.18286219
0.00875336	0.00979826	0.01211528	0.01364134	0.01430328	0.01826821	0.0162424	0.01701153
1.09603925	1.05572746	0.92081139	0.90852884	1.04090541	1.32596086	1.43894611	1.67109257
0.05663419	0.05884609	0.05523615	0.06001134	0.05328877	0.0599475	0.06204345	0.05775495
1.37601777	1.29939113	1.28612115	1.20526538	1.10059688	1.23142135	1.31933907	1.36112527
1.39825194	1.5258342	1.55114918	1.39290848	1.60739232	1.67839776	1.72192815	1.65596008
1.29960113	1.22424772	1.18246903	1.20784446	1.17968374	1.20244026	1.24940379	1.27907448
0.13328507	0.14164012	0.19302726	0.22453228	0.38810261	0.4088452	0.36119158	0.30716093
7.74602593	8.21720291	8.46181682	8.81592958	9.09707428	9.50335969	9.83910756	10.0698764
1.48785297	1.42662719	1.37821855	1.27833807	1.23633162	1.31329173	1.4977815	1.52271996
0.15440831	0.13576823	0.1047024	0.09519737	0.0981189	0.14013838	0.21391997	0.21162476
0.10026404	0.13144479	0.1901859	0.28756239	0.238992	0.27481658	0.26224562	0.28633454
32.288806	33.131558	31.6853014	31.8773263	32.2851374	31.6195132	31.562481	31.2683693
0.3412405	0.37902648	0.27891971	0.25551306	0.29064665	0.3000119	0.2865464	0.26759017
0.22273493	0.2291532	0.22975787	0.2555038	0.28315227	0.373492	0.39062348	0.39448602
0.0963439	0.124466	0.133754	0.1404103	0.1588141	0.1470538	0.14918713	0.13070573
0.74707971	1.75603996	2.35682255	2.91059729	3.27088237	5.20262529	7.00856504	7.0650152
2.54123244	2.51057775	3.02285545	2.39621569	1.91192216	3.06148676	2.62740888	3.4477963
0.09510114	0.10031264	0.12235058	0.16777757	0.30705386	0.2974784	0.22107663	0.09412768
0.21066526	0.22514654	0.18797432	0.23362569	0.21256268	0.20212077	0.29360714	0.29627056
0.06330729	0.06330729	0.06330729	0.06330729	0.06330729	0.06330729	0.06330729	0.06330729
0.17670556	0.17654097	0.18251023	0.19146412	0.19743338	0.20041801	0.19674876	0.20359608
0.18287375	0.18629483	0.17704299	0.15696294	0.14416993	0.15220957	0.16055223	0.1853523
7.84022633	7.53791538	7.66562533	7.23290356	6.66351714	5.32778661	8.40734754	6.37113445
1.08879394	1.16841328	1.27159561	1.34850009	1.40520791	1.44332391	1.38998356	1.40416291
0.18140661	0.20417624	0.3081794	0.40692495	0.4230682	0.45926402	0.39596965	0.40578652
0.02258808	0.09703924	0.04808326	0.05405252	0.05985719	0.07179571	0.10060738	0.11867975
5.65343833	5.74500604	6.89655728	8.07767937	6.89655728	2.50557907	2.64361369	2.70194529
0.45374955	0.47777594	0.50761408	0.52582549	0.59280234	0.63237825	0.6696293	0.64029278
33.9295776	36.0692465	37.2773192	29.5423043	31.3702244	32.0401801	31.2732957	31.3482582
2.60966599	2.55884597	2.54363717	2.38192712	2.34553228	2.65742886	2.70053571	2.67979313
0.99978388	1.06401456	1.14459601	1.31060643	1.14334346	1.69756557	2.01256638	2.19078423
2.92574694	3.19318547	3.08109188	3.19481531	3.15801669	3.03611993	3.12142128	2.87487264
9.37418551	11.8861572	12.2958504	12.3273994	13.9161733	14.3961982	13.5252074	17.5015966
17.7493848	19.6645422	18.6478423	19.3927957	20.1057924	21.2861595	21.0773067	21.8098035

0.49469	0.49724156	0.55083166	0.68418705	0.57453727	0.59194462	0.60793245	0.66279648
3.14862343	3.21928274	3.73742487	3.71725635	3.82329142	3.63268361	3.73431912	4.30954637
6.00957219	5.90037086	6.35047719	7.18539661	7.08170069	8.62104276	10.199203	10.6771841
0.21090302	0.21996069	0.08552061	0.08896882	0.08514756	0.0815155	0.08521769	0.08767885
0.3552588	0.34670773	0.48108329	0.5859355	0.78007184	0.91807885	0.84094704	0.80212349
56.0355719	57.7103232	55.6464157	51.320863	50.5970225	54.0311476	54.2143504	52.1740291
0.34005949	0.29004944	0.33197744	0.29567608	0.31635449	0.31592364	0.5541335	0.60640327
8.25315028	7.9243951	5.35016324	6.11387737	3.9201806	4.01688554	13.0269626	11.28759
4.37947403	4.02215907	3.96559716	3.96587675	4.01658002	3.89843933	3.92977713	4.04933645
0.19960423	0.208283	0.21406864	0.208283	0.21406864	0.21117614	0.2147266	0.23101902
0.08386189	0.08420708	0.11648585	0.12877452	0.15123699	0.15965875	0.14354445	0.14112524
0.32532467	0.34024782	0.3581556	0.37606338	0.39397116	0.40590968	0.39983315	0.40477262
0.21582497	0.21582497	0.21582497	0.21582497	0.21582497	0.21582497	0.21582497	0.21582497
9.83322204	10.3569259	9.88000865	9.42480028	9.82375901	9.87746537	10.608697	11.1743058
155.8805	136.581931	136.582495	155.808668	164.015259	170.441605	193.035724	232.9426
0.10279976	0.1122322	0.10921771	0.10004995	0.09711504	0.10342959	0.10502664	0.12235259
5.12900865	4.62658126	4.28217467	4.15778574	4.62381576	4.86124743	4.90583949	5.07523008
4.36503831	3.56281559	3.11037213	2.64532157	2.78053868	3.4258612	3.36375152	2.94769073
1.28643969	1.52239359	1.62413949	1.58634018	1.64736295	1.62820243	1.63923306	1.5307398
0.35226028	0.32803033	0.33716103	0.35805344	0.38193048	0.42048899	0.33993378	0.52384834
0.62425308	0.62333854	0.64470153	0.60067326	0.61062551	0.61055214	0.59817133	0.59989048
2.4168E-06	2.4168E-06	2.9489E-06	2.9439E-06	2.9672E-06	3.0992E-06	3.2312E-06	3.3974E-06
0.03265385	0.03386068	0.0460552	0.04900509	0.05011622	0.05119751	0.04751277	0.04755534
0.07801333	0.08648825	0.09590853	0.10898077	0.08023906	0.08386092	0.07844355	0.07407629
0.555664	0.61654273	0.68321924	0.648426	0.66033445	0.48773336	0.37030543	0.64345469
0.07970738	0.07704139	0.07208062	0.07491697	0.07117615	0.07395544	0.06974787	0.06680332
0.00172679	0.00191551	0.00243086	0.00286431	0.00298694	0.00383344	0.00311003	0.00383372
0.01330958	0.01361798	0.01274111	0.01324247	0.0126285	0.01340334	0.01290627	0.0121137
0.36653043	0.47850119	0.37540339	0.41990481	0.42234459	0.61309059	0.53155447	0.47172425
5.43907557	4.99074891	5.63981185	4.5552719	4.5962442	4.44449734	4.8001077	4.5109975
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0.16695557	0.10640337	0.12032249	0.13008909	0.13907479	0.19732323	0.14680136	0.14680136
0.08194131	0.09116814	0.07682574	0.09345281	0.08880581	0.10100434	0.10006073	0.08467167
7.94855675	6.3742227	3.91949851	3.64511887	3.40865815	3.00066955	2.95047686	3.85733334
0.00347983	0.0039127	0.00489022	0.00585427	0.00629276	0.00822787	0.00733443	0.00834505
0.05380748	0.09155113	0.08875165	0.09600233	0.08924528	0.08972661	0.13256057	0.13708403
0.18481644	0.20039795	0.21597946	0.21663782	0.08023382	0.24763625	0.06100932	0.10808303
19.7223636	21.2303247	19.6191235	18.976283	18.5931172	15.8268889	14.9221464	15.6432467
2.09552206	1.86417686	1.96546233	2.21793015	2.53348695	2.27377818	1.90726333	1.91516334
26.9198731	27.091738	25.5333609	24.5958691	25.0967703	24.8624041	25.0002751	24.9493395
0.02185731	0.02661128	0.05447826	0.07052132	0.07759852	0.08143336	0.07666605	0.07417292
0.01052648	0.01077323	0.01401145	0.01728498	0.02028521	0.02271357	0.02528523	0.02116206
0.37351865	0.32913118	0.40639416	0.3950167	0.41660843	0.37858369	0.37904449	0.37557421
3.28514001	3.36759452	3.55296503	3.65149245	3.81322304	3.8019714	4.07916366	4.18401021
67.9886103	66.3698397	60.4970415	59.6453009	62.0241233	62.1320614	68.4836146	59.5987814
11.460344	11.2064383	11.2274611	11.318485	11.346806	11.1426524	10.9580857	10.8959441
0.45966427	0.37803046	0.402318	0.34884057	0.37691368	0.50646421	0.51486734	0.61115875
0.33812755	0.38618613	0.38209534	0.36222082	0.48964174	0.52429611	0.54369685	0.58827765
42.8807799	41.8268047	41.5272498	35.6944371	28.0309806	30.3988585	28.1143293	30.0173943
1.0419057	1.00274297	1.03033366	0.96143175	0.92378985	1.00230474	0.95360072	0.92965616

570.156543	506.638817	578.15981	593.271022	560.663773	542.719544	543.363179	596.926778
48.2070759	38.8252343	38.2912786	33.3767138	29.701854	33.5169451	35.418622	28.0476894
0.00424997	0.00586387	0.00596701	0.00706721	0.00744942	0.00940355	0.00902861	0.00924348
6.23332592	6.4450919	6.83919333	6.96957946	5.89269217	5.46048292	5.25860169	5.00120725
0.00342489	0.00383789	0.00475708	0.00538879	0.00563829	0.00720222	0.0055624	0.00786933
12.2569109	11.3490703	12.1843565	11.8554183	14.7209117	14.2504821	15.1296483	15.0612256
0.01573701	0.01343799	0.01768593	0.02294155	0.02392228	0.02625623	0.02710478	0.03335979
0.02348118	0.02445179	0.03271228	0.03756693	0.04951781	0.05618694	0.05168002	0.04821132
3.241628	3.02461532	4.56307134	4.93569762	2.52438487	1.84466871	1.82801958	2.75633329
24.1026656	33.2635099	34.2655615	34.4871097	31.4481864	28.3883212	42.6490278	33.032958
0.20476608	0.2390843	0.37541977	0.27994591	0.27811466	0.27305914	0.37881386	0.43640802
2.23142646	1.61416747	1.06237498	1.02760409	1.27469434	1.20955865	1.32497268	1.3543538
0.00018439	5.3599E-05						
0.03149057	0.03059606	0.03014798	0.17943159	0.38030457	0.41490428	0.28942885	0.20702824
8.12123176	6.63012149	6.57711257	7.2072034	8.54420135	9.07347938	8.52753351	6.54729107
0.00036064	0.00036064	0.00038721	0.00038659	0.00038811			
0.12287057	0.09601375	0.04822668	0.13200832	0.11680009	0.16752837	0.26937812	0.16221288
2.36406351	2.52657848	2.20478251	2.78603082	3.03567925	2.21059127	1.37327648	0.70951497
4.46486243	4.48647628	5.06566833	4.57338605	4.91466739	4.65707379	4.91973079	5.50520521
18.2428881	21.7449806	20.8364576	21.7875184	22.6358253	22.0605014	22.3420259	23.1074963
			0.29123153	0.28552701	0.29123554	0.30568438	0.25237638
9.817E-08	2.3791E-08						
35.9627105	34.8488359	36.4190502	36.1809065	34.6788711	37.1714352	40.9284825	43.0670655
8.26347748	7.5714214	7.4401315	7.46711915	6.71251479	6.29042187	6.45971099	5.60636011
4.21219957	4.55240201	4.62656329	4.36309176	4.41423389	3.78663887	3.73180673	3.28414571
6.77468838	6.39866924	6.16149671	6.28457543	6.31896138	6.34586088	6.58788632	6.68912704
				0.00320852	0.0449193	0.00146497	
1.19980956	1.25322233	0.43537421	1.28663398	1.32142127	1.28610114	1.30080074	1.28898915
1.23416352	1.36887847	1.38452419	1.41856422	1.56534413	1.44417389	1.51383809	1.7768583
3.64041895	3.97393923	3.87373827	3.80198563	4.20714872	4.1287876	4.15818076	4.05864398
3.9526E-07	1.0698E-07					8.1953E-08	1.7957E-05
1.3330289	1.00988115	1.33717047	1.28628095	1.22819031	1.15790898	1.19565153	1.24973593
3.61558191	3.926886	4.00883145	3.95764417	3.90192007	3.5475253	3.17904824	3.29195487
0.00030761	0.0002738	0.00019153	0.00018569	0.00016207	0.0001459	0.00056242	0.00036175
7.085E-08	1.8664E-08						
1.12392711	1.15061303	1.20556089	1.24773312	1.145415	1.19089354	1.12915703	1.08658087
38.9635708	36.586555	38.4416382	38.0716764	36.4103504	32.676756	35.8818507	33.7537718
0.00527357	0.00125515	0.00141332	0.0006804	0.00062513	0.00061596	0.00111781	0.00106235
3.18873532	2.64078262	3.02709498	3.32003625	2.99202711	3.41726908	3.17973959	2.87967959
0.00141689	0.00152015	0.00127835	0.00132489	0.00136007	0.00182239	0.00251784	0.00258507
0.00696073	0.01299395	0.01321479	0.01512281	0.01841767	0.01658032	0.01960698	0.02192729
113.176375	113.102581	117.340258	120.199291	122.033658	120.221546	130.180572	145.450805
0.87490242	0.77736986	0.92558386	0.95875538	0.45626175	0.40099041	0.39182047	0.40703343
3.46568234	3.50248055	3.67884372	3.41044448	2.67427654	2.38921568	2.342305	2.51375351
547.757857	568.754882	599.889333	570.740112	608.373867	553.096779	616.751739	632.96146
0.33920244	0.37861496	0.32525203	0.33033583	0.31283406	0.28588665	0.26652561	0.38235998
2.17092778	2.08810214	1.88864327	2.02735954	2.32202416	2.29397419	2.20792097	2.24356137
0.69364604	0.42109868	0.38321112	0.43075579	0.40912343	0.40545494	0.3614909	0.30413063

2.72215909	2.18630505	2.82291169	2.49120986	2.32651659	2.21818864	2.25057886	3.13173345
1.9545E-09	2.4682E-09	3.0485E-09	2.7912E-09	1.3978E-09	3.0524E-09	3.4232E-09	3.1723E-09
9.67507594	10.2944396	8.65998556	7.24881505	7.0643326	7.92149032	7.64578626	7.75247002
0.04356073	0.03422639	0.03111478	0.03111478	0.03111478	0.00783516	0.00690785	0.00084386
0.69869526	0.95922335	0.7769977	0.94943626	1.01681381	0.60264062	0.71805956	0.94240317
9.2328E-08	2.0063E-08		0.00629847				
7.26488199	7.14903588	6.72273098	7.06869078	7.23758643	7.0094325	6.74247769	6.89653875
34.6506442	34.1017452	33.9808119	34.2188324	34.7901876	34.2896584	34.0929878	31.3739374
2.3979E-08	5.5786E-09						
2.39645593	2.44404069	2.35605197	2.33240045	2.44790785	2.29545204	2.35911854	2.21566415
0.19053488	0.16689691	0.17168052	0.17412118	0.15929729	0.20460626	0.15509946	0.21644563
24.0255283	30.8831776	33.5747164	35.8604895	34.9576135	32.0238968	33.2781984	31.9099036
5.24964443	4.02027458	3.98248181	4.51683386	4.51009915	4.51828686	4.3660866	4.04235011
18.0306406	19.743687	17.8214232	17.4716672	16.534571	20.3426128	19.4784816	19.4772023
18.1687483	21.7067467	19.2397017	19.3888293	23.3313559	24.0310446	22.1898045	22.141912
3.29612678	3.38088787	3.63675322	4.30568014	5.44785768	4.02185686	4.33516002	6.52779751
0.00020282				0.00012556	6.7607E-05	0.00311364	0.0080693
4.48576522	4.19261157	4.28580968	4.09368349	4.12334935	3.88065641	3.81916794	3.73709076
2.4496E-08	2.8677E-08	3.8199E-08	3.74E-08	2.1453E-08	4.3328E-08	5.0254E-08	4.8353E-08
5.8674E-09	1.4152E-09						
21.3470569	19.1366681	18.0087079	15.632739	16.4110585	15.0402442	19.4486837	24.7831741
2.77072206	2.72564517	2.77327774	2.99131089	3.15161829	3.02744608	3.24460935	2.93519414
35.4426405	34.8071787	35.349208	33.4179768	34.3609004	31.8760158	31.4377627	30.6366395
0.29317805	0.32218315	0.19119893	0.18060806	0.26079811	0.27390803	0.19055551	0.22172673
0.43189843	0.09767913	0.31763613	0.27693267	0.29334395	0.38996341	0.77390789	0.61039785
3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07
3.0257013	2.32429434	2.40065093	2.37570291	2.1631533	1.89791938	1.62048834	1.49629367
2.58982702	3.49114654	4.2820459	4.31085793	4.12752474	4.53634238	4.62259109	4.68996968
4.2531E-08	9.9912E-09						
		0.00953667	0.00317889	0.00317889	0.00635778	0.0052745	0.00881981
0.10719733	0.12348275	0.14262863	0.17627715	0.18908503	0.24306425	0.28545631	0.27259383
1.1101E-07	1.1101E-07	1.1101E-07	1.1101E-07	1.1101E-07	1.1101E-07	1.1101E-07	1.1101E-07
0.1587307	0.16053118	0.16263443	0.16054843	0.15767189	0.15965836	0.15777376	0.15890518
1.95858184	1.65305698	1.44750267	1.51375433	1.45293895	1.30113917	1.34572584	1.31101075
	0.18199615	0.16256594	0.03129929	0.04388646	0.04388646	0.04689032	0.04758502
2.30406298	2.05871053	2.18631379	2.75189623	2.67316762	2.75310776	3.29744844	3.7926532
39.4144569	35.3594865	34.2647266	34.6837395	33.339696	34.3846359	31.3286546	31.621509
64.1926959	75.0499035	76.315262	80.8626282	83.0635933	87.7163449	94.6352247	97.9229776
0.57020601	0.60489198	0.61909758	0.58741863	0.58630139	0.55524423	0.55933255	0.55217444
56.8233506	55.498448	58.382509	61.5381241	62.928253	70.3957509	79.7986371	77.9233988
22.9676914	30.1582717	33.1522384	40.7736793	44.6266432	48.4994909	49.9987661	50.6237381

2.08001586	1.8727499	1.88831119	1.42862797	1.8379473	1.91353954	1.65636698	1.58549022
18.5479949	16.2393338	12.6421428	12.2446546	13.6792315	11.7141549	13.9290047	13.7141882
9.1544E-07	8.8384E-07	8.396E-07	6.9461E-07	8.9454E-07	8.5192E-07	7.8757E-07	7.731E-07
0.54221881	0.59943877	0.52246635	0.57746249	0.59958843	0.61106556	0.56543501	0.50327581
62.0121338	61.2540172	62.386936	61.0944395	59.5141693	57.7828328	54.577653	56.4229532
70.9871655	67.7573329	74.1093373	28.475852	22.5060349	23.151363	22.3537343	20.6790332
0.22053701	0.12740335	0.07928066					
0.09806266	0.22441962	0.10553328	0.08557804	0.11231151	0.0257281	0.04632383	0.09710462
						1.3988E-05	2.1594E-05
1.1896E-09	1.3989E-09	1.7619E-09	1.5254E-09	8.6781E-10	1.9568E-09	2.3419E-09	2.1805E-09
3.6038E-08	8.4019E-09						
47.5387771	49.0419905	49.1717255	58.4318725	56.4622842	63.7972386	58.2106642	55.305471
15.7297138	15.7017285	16.5488918	15.8009905	16.1757958	16.7250163	15.6943675	16.6386606
0.00238213	0.00248455	0.00262985	0.00277515	0.00259122	0.00488953	0.00492549	0.00568334
5.90293052	15.1048602	11.4709906	7.80363716	6.8788739	5.84306944	9.7152026	11.5485771
6.5206E-08	1.531E-08						
0.04433039	0.03601842	0.03601845	0.04155962	0.03878901	0.03878904	0.03648381	0.0371348
1.63159867	1.52285766	1.55026017	1.38610293	1.5698344	1.58212177	1.54903775	1.4822625
0	0	0	0	0	0	0	0
0.02832482	0.02827432	0.01539941	0.03291954	0.01893363	0.02554784	0.02847254	0.02990427
0.00281367	3.9015E-08	8.559E-06	0.06114644	0.00467046	0.02327447	0.26776522	0.09700928
1.32725181	1.20410281	1.20134991	1.24632174	0.60275379	0.0155941	0.01447198	0.0150962
0.10549822	0.10484137	0.14822329	0.15320144	0.13200379	0.11589657	0.112707	0.10317284
0.05457652	0.0576084	0.06367215	0.06670472	0.07276847			
2.3916E-08	3.6206E-08	4.7616E-08	5.5285E-08	2.2159E-08	5.0085E-08	5.4549E-08	5.7674E-08
63.0176944	68.7820594	67.2500008	63.7263861	62.2923584	57.1631836	51.0043464	54.4682254
0.08080421	0.07994707	0.03688859	0.00843099	0.00860496	0.00655379	0.00575078	0.0083142
						0.02368823	0.00063505
0.74926754	0.82397408	0.86384972	0.94247099	0.94653337	1.11506412	1.23060939	1.10235846
0.49829723	0.53767102	0.74704801	1.38398566	0.6915666	0.89978066	1.48715657	1.42055503
0.14912611	0.26214263	0.22409039	0.2756214	0.26271651	0.26134514	0.35111977	0.43584911
0.04882922	0.10635131	0.1099848	0.07011399	0.08158296	0.09503376	0.07736777	
3.3288E-07	3.3288E-07	3.3288E-07	3.3288E-07	3.3288E-07	3.3288E-07	3.3288E-07	3.3288E-07
0.00080297	0.00072581	0.00064838	0.0006193	0.00057177	0.00041754	0.00043683	0.00048052
30.2122418	25.6486279	28.1873553	33.0904923	33.5948378	26.9125742	11.067649	20.2872702
4.327E-08	5.624E-08	7.7157E-08	7.8233E-08	3.9227E-08	8.37E-08	8.2364E-08	8.1735E-08
0.02927077	0.12267954	0.20507674	0.18396897	0.11686943	0.11318054	0.09554349	0.110085
40.2960493	31.9796991	32.0115654	30.946459	29.8015477	27.9596489	29.2627186	27.933411
0.08683893	0.06236426	0.08343407	0.08663302	0.05342622	0.19699881	0.09221072	0.08820192
13.5804875	13.2175994	12.6710433	12.7606408	13.7504353	13.2979988	12.6215833	13.0308091
12.7698252	12.7516269	13.5271164	13.5668392	14.4793614	13.9275174	14.1136173	13.5851152
0.00016927	0.00017867	0.00018808	0.00019748	0.00020689	0.00020689	0.00022545	
1.83467852	1.91076058	1.80704334	1.94600884	2.13736383	1.99194251	2.15471214	1.97356743
10.2509819	10.7063136	11.7169627	12.182864	12.270369	12.7120747	13.7887372	13.4022079
2.5447031	4.24205406	6.23273381	5.98912307	5.6140094	5.41317892	4.95176334	6.24297319

4.37949088	4.05030216	2.64660953	5.34958831	4.40922611	4.23223179	3.2952644	2.74357556
1.45001205	1.62590312	1.46500688	1.70977011	1.6256137	1.37890559	1.36018628	1.39437722
0.00162773	0.00163951	0.00112908	0.00071904	0.00088909	0.00085117	0.00088983	0.00080188
0.05955854	0.10826539	0.11258544	0.69145202	0.40108082	0.42989626	0.26124352	0.34486718
11.8280454	11.7763209	11.2933695	10.947415	11.8735029	11.2988538	11.3099243	11.2674698
0.0119895	0.01129339	0.01203047	0.01222853	0.01299505	0.0130223	0.00211344	0.00227522
0.36410621	0.35881026	0.37586819	0.37504023	0.37025818	0.4089179	0.35732926	0.30303662
1.93103213	2.10029943	2.97740217	2.21606174	2.64263916	2.77314104	2.6216319	2.35507559

2.0003E-08	2.3195E-08	2.9164E-08	2.4757E-08	1.4023E-08	2.9097E-08	2.9858E-08	2.8426E-08
37.9767605	43.1251873	45.8401951	47.912138	48.3625849	46.7824759	44.3012587	46.5524123

5.45324421	5.022672	4.36912751	4.15716756	3.54963968	3.67505311	3.95580196	3.77754477
185.922801	169.434658	152.181175	160.907487	187.84757	184.763664	179.642405	167.706459
7.0308E-08	1.0156E-07	1.1383E-07	1.7968E-07	2.6784E-07	1.2276E-06	1.2764E-06	2.1022E-06
26.6571146	25.8483531	26.4515324	33.9267381	33.0507207	34.7207237	35.5972769	36.5043272
1.6322703	1.19092497	1.12870239	1.11128855	2.10599224	2.40434641	2.38921766	2.62463489
1.22976853	0.89640143	1.14345247	1.25540102	1.51441427	1.25879041	1.19305279	1.09413559
0.02770776	0.02770774	0.03047829	0.02493693	0.03878952	0.04156009	0.05127209	0.03549776
5.58659404	5.50919412	5.11910071	4.63339652	4.85773179	4.99294684	5.36014665	5.30284386
2.5471E-05	2.6109E-05	3.1857E-05	3.1803E-05	3.2054E-05	1.5844E-05	1.6483E-05	1.7303E-05
7.7888E-09	9.3269E-09	1.1531E-08	9.4214E-09	4.6468E-09	9.3306E-09	9.8829E-09	9.5787E-09

0.03601777 0.03324717

1.2863E-08 2.9931E-09

0.03395312	0.03096068	0.03454976	0.03163656	0.03412873	0.03143838	0.03189635	0.03290808
5.30661672	5.22236086	5.64094432	5.65552192	6.06075019	6.2025141	6.1219323	5.86383376
0.02285492	0.02117323	0.02290612	0.01888039	0.01957618	0.01491393	0.0153643	0.01624427
3.25532741	3.43393728	2.90884819	3.82437779	3.81669522	3.94890634	3.59689685	1.95179029
0.00127662	0.00140219	0.0024486	0.00217653	0.00201957	0.00186261	0.00135236	0.00135236

3.11837253	2.34931746	1.64619301	1.50231708	1.6898516	1.40544294	3.09490947	2.07151983
2.5922E-08	6.1138E-09						
0.13280124	0.22764034	0.28483059	0.34203381	0.49847828	0.54799444	0.48196565	0.44133747

16.3833944	23.4804122	26.1323274	22.6050536	20.971721	20.1370449	17.3146105	19.4334248
0.00155521	0.00278911	0.00351041	0.02741973	0.00688198	0.00931355	0.01202257	0.01284927
8.16714072	10.0070397	9.66102933	9.16463325	8.88236725	8.68029197	8.4816719	8.11945503
0.11939138	0.33475031	0.29226161	0.20425877	0.17778549	0.1452985	0.14985748	0.12644894
2.5109E-09	2.9675E-09	3.508E-09	3.3231E-09	1.8808E-09	4.1395E-09	5.2595E-09	4.2625E-09
9.907592	9.56018515	10.23551	9.73197789	9.51016507	8.87769286	7.55274642	8.86952691
1.49297547	2.17100461	2.02206831	1.86764878	1.57518994	1.3158044	1.22902735	1.12819173
12.6225787	13.5425931	14.4750387	13.4798557	17.1664843	19.1797973	21.3490725	17.8818515
19.599821	20.410747	23.8128102	24.524724	24.3104635	23.8985907	23.6021494	23.3515903
0.0049575	0.00241874	0.00663352	0.00398392	0.00278844	0.00270315	0.00543425	0.00610791
27.503349	27.8568667	24.7768251	15.2204397	19.8218167	10.3157216	16.4516518	19.4278537
0.28327453	0.37689474	0.43086706	0.45113752	0.44866645	0.55938862	0.19652405	0.46198292
279.795689	284.040958	291.021165	296.875077	300.800387	290.679624	284.263615	302.178263
11.4569255	10.5647134	9.3254147	8.08296207	7.22012225	7.36949608	7.6647809	21.0415627

3.1659E-08	9.1627E-09						
44.4750471	54.9278547	58.6554229	62.278181	58.8360781	57.4327788	50.5391316	48.531679
2.5513E-08	5.9969E-09						
1.4434038	2.1411774	2.40901224	2.35725578	2.2535715	1.97140862	2.14114731	1.83503985
3.7537E-09	3.7015E-09	4.4279E-09	4.4106E-09	2.2181E-09	4.7851E-09	5.6379E-09	6.7194E-09
5.6009E-09	6.7352E-09	8.19E-09	7.2224E-09	4.5913E-09	1.024E-08	1.075E-08	9.7109E-09
4.29812252	3.84361577	4.4300295	4.31463423	1.77017415	0.79883606	1.08350579	1.47895301
79.135475	80.5411297	77.2322253	76.613581	77.8869013	77.650468	81.4214512	79.7288758
0.03324787	0.03610125	0.03612054	0.038898	0.03336034	0.03070285	0.03493024	0.03665607
0.21004037	0.27027335	0.27690865	0.31451939	0.31746712	0.28576232	0.21322669	0.24269032
0.01014213	0.01807785	0.01995414	0.02220846	0.02421538	0.02172801	0.03327673	0.02819927
3.51246709	2.70757222	2.65330863	2.74417608	2.16742121	2.10139416	2.56400755	2.19246511
2.42043654	2.21593432	1.62282869	1.45975281	2.20423904	2.47914005	1.36025287	1.9317374
0.00110345	0.00111862	0.00120103	0.00119912	0.00120382	0.0012239	0.00124397	0.00120804
1.11152979	0.64444745	0.58339177	0.91510944	0.67608862	0.60652677	1.09669093	1.27870375
0.54450904	0.54450904	0.54139743	0.53517454	0.53828615	0.53206293	0.52289046	0.51159897
66.2927468	72.028966	75.9215	72.3850843	81.0457832	83.5141242	70.1429914	53.4309705
20.7031317	19.1857434	21.1205255	21.5135438	21.7092004	19.480463	18.9955162	20.7160249
0.59709464	0.66566019	0.65788474	0.57233808	0.41095698	0.40004074	0.45124174	0.47382842
0.0074076	0.01089179	0.01252644	0.01407547	0.01522903	0.01409254	0.01973374	0.01783775
39.5255021	40.9996511	41.0129109	41.0138784	37.6897643	38.2160903	37.721042	39.4341093
11.2212576	11.0350562	10.6514252	10.3139856	10.4191771	10.7093995	10.6353893	10.5431055
1.72675079	2.17908853	2.199629	2.30089167	2.32467875	2.79596624	1.74690658	1.35322151
0.06504106	0.05732097	0.05598328	0.05409715	0.05534037	0.05089838	0.0675622	0.09459098
17.7073497	17.4162117	18.8775736	18.9236887	18.6022469	19.2252735	18.4573672	18.9591798
0.1651029	0.15887968	0.25239829	0.462541	0.39522892	0.39874202	0.32932763	0.11907312
0.34039875	0.38499585	0.41204318	0.40289694	0.52195241	0.40535634	0.5278717	0.61025925
9.2336405	10.2261934	10.7941398	10.5649364	13.4478212	15.3955075	18.1645324	16.8105373
3.61140198	3.2713162	3.2805858	3.33957114	3.65452932	3.71212753	4.37158866	4.81731198
0.78703815	1.05352444	1.73917874	2.22893157	2.08766073	2.11876229	1.96095173	2.16628037
0.02982481	0.04897578	0.05272301	0.05717316	0.05861484	0.05572644	0.09786548	0.09330346
1.78839483	1.8096586	2.22867864	2.0125693	2.11481345	2.04846225	2.18488861	2.39076292
4.75866804	5.11698415	5.2086786	5.33070914	4.4569042	4.5056761	4.64538201	4.7587719
0.00514351	0.00771179	0.00978995	0.01013791	0.01284948	0.01158499	0.02011964	0.01485709
0.0053461	0.00854442	0.00955076	0.01368272	0.01205846	0.01394495	0.02031639	0.01886928
1.99346536	2.12985925	2.35582204	2.42117937	2.40223232	2.35984369	2.29804183	2.25315274
106.700391	102.856546	101.576083	98.6277912	94.8113376	85.2562783	91.3318502	88.3582327
0.01944421	0.02596848	0.03016755	0.02900755	0.03255314	0.03006303	0.04191093	0.03910901
0.47102798	0.54283531	0.4169792	0.3384345	0.41456309	0.32370588	0.42437278	0.3737392
0.1726072	0.14986374	0.15978221	0.16434851	0.14589843	0.15517685	0.21103685	0.30189691
0.57569716	0.66302975	0.7467771	0.77869471	0.67593485	0.60994866	0.62255996	0.68576006
0.0357081	0.03504706	0.02029858	0.0235532	0.03396123	0.0301991	0.03538916	0.03858157
66.037259	67.1006295	65.2006035	64.4651933	65.0169593	69.6468661	70.8781673	70.7646658
5.33572932	5.39271651	5.46040832	5.32479082	5.1044031	5.20101551	5.11090015	4.93704573
13.9661351	11.5871209	12.8489034	13.967655	15.0156047	14.9904675	14.3946293	14.3339085
3004.76927	3042.03356	3068.12305	3094.68631	2995.88089	2859.40277	2696.33026	2790.82416
0.91308853	1.0012317	1.28742019	1.32920287	1.43501795	0.80179241	1.5598787	1.25994243
0.37403947	0.38963496	0.40522984	0.42393662	0.21922823	0.22865997	0.23766418	0.24765467
0.13690524	0.12757074	0.12757074	0.12757074	0.04978378	0.06845246	0.05053041	0.04292606
0.04356057	0.12309423	0.10170257	0.07379631	0.11716305	0.08867402	0.11429795	0.10880955
0.0112256	0.01112508	0.01317475	0.01367582	0.01166946	0.01259977	0.01390261	0.01490906



15.1022256	11.7807121	16.4379087	16.0202453	14.1315568	14.4350333	15.1056796	15.5222652
0.02406952	0.02399467	0.025436	0.02391372	0.02592483	0.02499693	0.03622387	0.04151477
0.15056914	0.12467311	0.10748356	0.12097815	0.12079958	0.10439878	0.12412921	0.13105916
1.12194475	1.10011113	1.05296734	1.04194759	1.02569084	1.2031514	1.27559012	1.19517189
6.76141671	7.23944267	7.26766832	4.57114048	6.46438947	5.16092703	5.67764478	5.93103109
0.00696677	0.00918492	0.01045794	0.01166661	0.01311768	0.01176892	0.02000479	0.01632675
0.5697802	0.46655272	0.53859445	0.68868132	0.61156617	0.60330273	0.62111486	0.55236541
12.7949689	12.5714787	11.7819683	11.5614225	11.7234502	11.4601054	12.2279314	12.4323327
97.1816475	94.2499877	93.8047954	91.2461967	95.1188787	93.2193784	95.1388114	98.3399253
0.10815416	0.13258471	0.1210818	0.12917905	0.11701513	0.08703379	0.08547302	0.09407434
0.0018094	0.00255394	0.00283414	0.00330474	0.00372413	0.00342125	0.00483486	0.00445113
3.97963624	3.67402795	3.44495232	3.44848199	3.38773432	3.51238234	3.75957592	3.74966918
2.39902882	2.56737018	3.18007087	2.88464963	2.96694148	3.23506362	3.24472781	3.18183222
10.8035471	10.0542911	10.0080265	10.2442839	10.8125674	10.8908948	12.0313818	12.746839
2.88594404	3.06190883	3.4899416	3.73055587	3.19106062	2.2063129	2.09659723	3.03565198
31.786155	28.1887725	31.5857936	28.8163232	28.6058642	31.2326362	37.0587186	40.1354131
0.01915422	0.01915422	0.02236274	0.02236274	0.02236274	0.02236274	0.02147599	0.02222911
0.04089799	0.04039588	0.03834417	0.03949611	0.04302197	0.04340267	0.03880519	0.04079724
38.4736647	35.5302153	34.9172214	32.5226886	29.4002704	31.4986728	32.9250295	33.5762038
0.83973034	0.81593741	1.05763609	0.80751314	0.65985417	0.68250847	0.63851802	0.66143812
2.47264195	2.34065169	2.93785704	3.88334473	3.57491382	4.40342334	4.06382149	4.70821205
8.3893427	7.63082152	7.47915544	7.45053154	7.13514976	7.26006712	7.26081622	7.36262962
0.14070373	0.12925963	0.16508704	0.18325012	0.17909385	0.17884914	0.204102	0.22724887
0.00044274	0.00064788	0.00074511	0.00081884	0.00090758	0.00085977	0.00121794	0.00111858
50.2479157	47.7315321	48.8703479	46.2518076	44.6182897	46.2955766	41.3864106	40.3554212
1.0346542	1.10552167	1.22086236	1.19510479	1.16934755	1.18193214	0.49362887	0.49563274
40.2179323	40.2535868	40.9082348	40.5421368	39.2392021	33.2072222	33.691102	33.0216432
1.03223417	1.08241456	1.90380233	1.80192311	1.84136189	1.71011517	1.87827712	1.98419712
1.43320964	1.64356978	1.70128599	1.65156134	1.78633539	1.67776822	1.63149904	1.93972265
0.4320205	0.3959264	0.31113878	0.34449494	0.38555576	0.34420467	0.38190172	0.40012375
0.03045261	0.03045261	0.03045261	0.03045261	0.03045261	0.03045261	0.03045261	0.03045261
0.07950043	0.07349067	0.06505282	0.07504756	0.07718603	0.06410094	0.07262138	0.07689183
0.0543963	0.05279973	0.04789192	0.05276573	0.05481888	0.04714705	0.04230161	0.04463508
1.16640394	1.20609377	1.24890948	1.24952007	1.05841532	1.2356905	1.15001658	1.10046229
5.76703755	5.82848642	5.62972054	5.98994869	6.29916165	6.47550299	5.26586283	5.07772541
0.00320922	0.00457405	0.00592333	0.00553321	0.00612431	0.00570498	0.00911206	0.00791046
0.19382328	0.03811701	0.03814668	0.02225223	0.01907334	0.02225223	0.02583429	0.03025559
1.68152769	1.67159429	1.71879414	1.81901952	1.98016657	2.03618782	1.9455461	1.94487554
0.01000023	0.01000023	0.01000023	0.01000023	0.01000023	0.01000023	0.01000023	0.01000023
0.15505339	0.22468235	0.19620246	0.21201349	0.20250877	0.32568532	0.27625072	0.31190833
1.81097308	1.76243992	1.83438152	1.82164238	2.1091982	2.26094038	2.55523245	2.44387542
2.53787149	2.93510274	2.31787509	1.48412355	1.96108306	1.22422203	1.23099708	1.16737365
2.62919146	2.29163457	2.26621329	2.2209759	2.14695011	2.14558457	2.31335459	2.33364888
0.55400811	0.35495239	0.47707067	0.67602916	0.59559212	0.60200917	0.60948182	0.61852584
5.72380025	4.97163668	5.64033899	5.39303092	5.79335786	5.86036454	6.5068174	6.78782259
136.208296	119.421459	79.3528351	89.4654722	101.293408	85.9517155	91.6144239	112.073495
442.459207	431.065418	468.418763	499.883264	502.718981	523.635419	555.09594	564.678135
3.1846875	3.2503565	3.37048783	3.63835993	3.62585817	3.74736364	3.91491839	4.14128977
84.6454123	87.425717	87.3124209	93.0591733	88.4424554	91.8705491	96.5024566	94.0824969
8.37322815	14.109304	12.1987008	9.0814346	7.9441862	11.7304663	12.1272591	13.9086318
0.47133853	0.49003521	0.52094985	0.49943617	0.49522755	0.13475088	0.1296343	0.10149119

0.85431023	1.30995502	4.92601193	5.13366593	4.52188852	4.16079372	4.9674385	4.3528919
45.0333713	43.3177697	38.0845057	35.1244727	34.851468	34.6537926	31.9230076	32.2261926
1.97295294	1.8927099	2.50688578	2.32248345	2.09295191	2.21896069	1.80607926	2.81571481
2.07525641	2.17780344	1.90000979	2.3552007	1.83957101	2.15755811	1.64419541	1.62267129
218.444084	214.685681	215.406822	209.047444	201.279972	194.648448	195.189554	194.31524
69.2430316	63.6991059	69.8885635	48.5805081	38.5327619	38.4192224	37.7304576	32.8899677
2.9019555	2.10157595	2.45938372	3.18726135	3.59467675	3.71861329	3.57593264	2.9873832
0.56817861	1.52436361	0.73679632	1.40268349	1.76743312	0.82484656	0.79776808	1.12941377
0.66508165	0.67019013	0.62797733	0.51859026	0.43094038	0.7192491	0.8149753	0.78063228
0.00683276	0.00630532	0.00761433	0.00747404	0.00724462	0.00807717	0.00951104	0.01024767
0.00271929	0.00384646	0.00440087	0.00489951	0.00533508	0.00499414	0.00740998	0.00658538
80.1330658	76.3309706	77.0141911	72.2262819	76.2737981	73.0028658	72.0681015	72.1309717
11.9405077	11.8510997	12.2812122	9.73379262	11.0950025	11.4730769	12.2595117	12.4406869
1.02887465	1.00852922	1.40553823	1.26186981	1.62162672	0.52592252	0.55581341	0.63346939
1.15235059	1.12123581	0.98722145	1.18657666	1.1891947	1.08143057	1.14978978	1.14436263
0.14651247	0.15424895	0.12235298	0.16807603	0.17088323	0.16084134	0.15475595	0.18481177
2.50320543	2.53256707	4.68255545	4.84688212	3.54714434	2.90697078	2.74517892	2.69108275
0.0049202	0.00700925	0.00804149	0.00892997	0.00952797	0.00877199	0.01395864	0.01130748
1.00841818	1.13301254	1.01066379	0.99450952	1.3175217	0.85542703	0.70431671	0.84716102
0.09334987	0.09547255	0.08484405	0.09304903	0.09055636	0.08218605	0.10001402	0.10275351
1.36055226	1.45851145	1.40072609	1.29778167	1.1726271	1.13682862	1.1551874	1.23992894
1.08671731	1.05021958	1.00766802	0.99036109	0.9614466	0.96727926	0.96404843	0.98505937
1.03529824	1.06755738	0.88835873	0.84631501	0.75204418	0.63764595	0.6195898	0.75633847
0.25218907	0.17585411	0.20925959	0.26525985	0.30263219	0.31917206	0.42261057	0.34404501
8.61346041	8.84507694	8.75662168	7.69952818	7.45889854	6.90004784	7.90943217	7.85162542
1.04210638	1.06514259	0.79315313	0.90285355	0.76881301	0.77723662	0.95976909	1.07970742
0.31938002	0.52419699	0.57199458	0.59827802	0.62022947	0.53307395	0.5354227	0.48776992
0.13736227	0.16319605	0.20577805	0.2708765	0.18499084	0.20673827	0.22153857	0.27105172
67.9338497	61.5002847	65.7501484	59.0486565	66.0176688	61.9360177	68.3470599	50.759569
1.44724006	1.37034852	1.26136543	1.12999473	1.05895501	1.03049089	0.87167775	0.93558475
0.36713293	0.37178067	0.35291363	0.39616482	0.48117522	0.51204523	0.62968491	0.70184152
0.0152738	0.0277481	0.0534191	0.062604	0.0597014	0.059508	0.05350599	0.04320886
2.41801019	3.640698	3.97007679	4.90886694	5.37047634	3.90644141	8.23074251	8.47928107
1.99371079	2.41457318	2.21445292	1.88968533	1.48869872	1.43126453	1.76980167	1.95571146
0.58247241	0.52218561	0.68570166	0.74274246	0.62517117	0.73390809	0.80056991	0.85221158
0.34723855	0.36528023	0.28873309	0.36224228	0.3612187	0.27710092	0.47329461	0.52710354
0.0299873	0.0299873	0.0299873	0.0299873	0.0299873	0.0299873	0.0299873	0.0299873
0.33592546	0.33127828	0.31690846	0.33055051	0.33961263	0.32587353	0.32478126	0.32411829
2.59340396	2.55031762	1.84592151	2.00312286	1.75952728	1.71617612	1.99204886	1.8773055
28.5244264	31.9646403	29.0989933	28.6115413	28.8757737	29.6873614	32.490818	35.5258538
0.2448428	0.25830677	0.27177148	0.28523619	0.29870016	0.29870016	0.29505702	0.29815662
1.36101073	1.2101083	1.24320967	1.5700892	1.42732936	1.47633733	1.51806477	2.42901753
0.20456952	0.30336435	0.24997419	0.27894801	0.20194329	0.14098122	0.17083437	0.1442868
10.5370131	10.6912731	12.2643993	13.0556644	13.3639883	13.5128818	12.3114735	13.6115393
0.52151882	0.54366232	0.5119024	0.53379017	0.58367525	0.61188712	0.62912746	0.58825737
21.3055381	22.1590863	21.3758015	21.1189936	21.4147279	23.2648278	23.838778	23.2539967
6.54139443	6.51483937	6.62726303	6.37057313	6.24800441	6.17692336	6.37205212	6.47093209
1.44585376	2.21854175	1.9269495	2.56874479	2.71504427	3.66381585	4.26737751	5.13076713
5.09524716	5.29761402	6.10785016	6.81306461	6.54981433	6.63367358	6.53126881	6.51325899
9.53350548	10.2970499	10.5538544	12.0237456	12.6506366	14.2500087	14.0987676	13.7495349
37.7832758	35.3776268	33.2991269	37.904484	41.376822	46.4760626	52.6044471	53.0706223

2.01881157	2.51753709	2.49030632	2.49498746	2.26698955	1.9654772	1.85348202	1.85953279
8.1120451	7.66269646	8.68538852	8.60825198	8.90029131	7.77776693	7.75645117	8.12371808
11.7028778	10.8347484	12.5161096	13.0331566	13.3577218	15.469939	16.8069329	14.387154
0.08494101	0.07161632	0.0709441	0.08357292	0.07903852	0.07566706	0.07910363	0.0813882
0.58142399	0.55155218	0.64695091	0.64494991	0.7191466	0.80636549	0.77644766	0.89312212
29.9367329	28.8190506	28.5800302	28.7702715	27.37841	28.1289035	30.6417096	31.1399162
0.42556804	0.16214402	0.29511749	0.15784377	0.30471789	0.25987817	0.09091275	0.09186076
27.3102288	26.2556575	17.4228458	19.9757731	12.7145514	12.862717	36.9530661	31.8869605
6.32466855	5.59166996	5.38488831	5.57468199	5.54032172	5.33937079	5.6719955	5.52643232
0.13908665	0.25312119	0.11715037	0.17999692	0.32573635	0.1921672	0.18305061	0.21766391
0.11489124	0.10454779	0.1260358	0.12130235	0.11706442	0.12010765	0.12126278	0.13359282
8.63357138	13.4439028	13.1558954	15.402784	16.2237472	17.0733687	17.6639086	17.3727586
0.40074978	0.40074978	0.40074978	0.40074978	0.40074978	0.40074978	0.40074978	0.40074978
13.3638058	13.2016274	12.3744099	12.5058435	12.4730227	11.7393791	11.8927555	12.5891669
184.006489	226.309024	223.855106	247.030852	249.981539	259.783035	262.092899	250.550055
0.08601337	0.10213038	0.10507494	0.1054137	0.1342262	0.1624598	0.19331377	0.30820182
110.132606	99.7304581	100.206264	115.966979	118.787534	105.162436	97.3615631	95.0010304
6.41741818	5.62869063	4.90379644	4.26579179	4.27111373	4.60741105	4.58924994	4.87027889
2.07228948	1.94834948	1.46875811	1.52262468	1.58013728	1.80195159	1.71607674	1.825306
1.23005372	1.10334315	1.09945645	1.43786377	1.64181065	1.73440415	0.97432286	1.13789914
10.2998137	10.2000262	11.7059495	12.5954047	12.7979566	11.6389598	14.0377593	12.3012592
7.874E-05	8.2437E-05	0.00010059	0.00010042	0.00010121	0.00010629	0.00011138	0.0001171
0.04473595	0.04203993	0.04983097	0.04616156	0.03879227	0.03851473	0.04013761	0.04501712
0.12858901	0.14031949	0.14731782	0.16897732	0.13635437	0.11497056	0.12645097	0.13179128
1.03742016	1.29523094	0.84641413	1.0507041	0.94652592	1.19233695	1.28028593	1.40998021
0.13138129	0.12499279	0.11071758	0.11616057	0.12095329	0.10139047	0.11243354	0.11885172
0.00097062	0.00137027	0.00161348	0.00187505	0.00198972	0.00184073	0.00267275	0.00254825
0.02193811	0.02209397	0.01957065	0.02053276	0.02146026	0.01837554	0.0208049	0.02155184
0.06054651	0.07979769	0.06365115	0.07327674	0.07006821	0.11157132	0.09315815	0.0780908
6.71340279	6.87116018	7.02075336	7.22116771	7.09902841	7.30172505	7.75110651	8.37882066
1.69034297	1.62413572	1.61599969	1.62731393	1.5893655	1.62013317	1.73467532	1.8517381
8.61373994	7.89830545	7.42027533	6.97297375	7.17922857	6.83555032	6.90129438	6.90696957
0.09274603	0.12691549	0.11471215	0.12568946	0.22151967	0.31091033	0.28272901	0.28272901
0.13506347	0.1479122	0.11800618	0.14490084	0.15091229	0.13847362	0.16129785	0.15064182
6.56477907	5.01383001	3.234855	3.00337992	2.66552748	2.41014642	2.53351681	3.14227292
0.00195598	0.00279897	0.00324587	0.00383236	0.00419185	0.00395084	0.00630318	0.00554691
0.08869061	0.14853356	0.13632468	0.14885393	0.15165909	0.12301223	0.2136876	0.24389017
0.2024403	0.14643366	0.2654463	0.28887651	0.03140595	0.12027429	0.02800332	0.11356608
44.1445711	48.6958634	50.5650886	50.3994722	57.3267248	51.908996	53.1021741	48.1723812
	0.102168	0.071208	0.052632	0.058824	0.74026997	1.17553959	1.582709
1.80385623	1.67737878	1.02782493	0.65520873	0.65520873	0.65520873	0.65520873	0.65520873
0.02994463	0.03303939	0.05894459	0.0664293	0.06006484	0.06126047	0.06476557	0.07021402
0.01442133	0.01337557	0.01516016	0.01628202	0.01570169	0.0170869	0.02136033	0.02003256
3.27777698	3.34760924	3.37788219	3.36369495	2.87231627	2.01368915	2.07038739	1.92502035
4.23601046	4.65941692	4.7854884	5.34512357	5.35107117	5.1936521	5.17555711	4.88867476
52.0816912	54.0920463	46.4784924	47.9816128	50.6113608	51.0559479	68.7882048	72.6929785
43.4283432	42.0482756	43.0872118	39.7854298	38.8131146	39.1546438	37.5975039	34.2809303
1.04045484	0.84118308	0.89241345	1.5197106	2.05831146	1.742844	2.07468172	2.11895641
0.62470436	0.70933292	0.75523901	0.83892314	1.07273921	1.04616428	1.08763889	1.17260544
65.1462831	60.4957429	56.9222807	55.5181818	41.7601845	37.6427111	31.4066012	35.6074121
0.65401511	0.64413454	0.72267968	0.82882376	0.80793035	0.88110768	0.81960357	0.90767159

435.692872	438.57258	434.886236	437.256257	433.884881	439.023925	429.405435	454.061643
17.5611832	14.1161426	12.9531532	11.2199721	9.96602635	10.7277268	11.8622209	11.5887141
0.00238888	0.00419476	0.00396059	0.00462637	0.00496235	0.00451537	0.00775915	0.0061441
34.1921849	36.190639	32.7231408	29.5107384	18.6748303	16.9361519	18.0154287	17.5444311
0.0019251	0.00274546	0.0031575	0.00352764	0.00375589	0.00345835	0.0047803	0.0052307
43.3219917	42.7382668	45.9849686	51.1314885	33.2866418	36.157499	37.9089071	60.0704163
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0.03216934	0.03035826	0.03539416	0.0353871	0.03832907	0.04226816	0.04365799	0.04563809
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44.5363834	45.5963702	51.6229503	53.3697344	49.2801647	49.0578911	46.1135338	54.2448738
0.9749422	1.49874026	1.42840702	1.48638693	1.54615266	1.53500758	1.61826373	1.50361549
1.45923691	1.9226901	1.01669776	1.0425142	1.0947241	1.23998567	1.23779514	1.54196493
0.15625325	0.19764647	0.2138521	0.22223803	0.23010216	0.24080793	0.22343255	0.22634123
2.55460424	2.18677805	1.99111869	2.05054234	2.27814316	2.25917976	2.38925899	2.21009173
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0.00091045	0.00091045	0.00097753	0.00097598	0.0009798	0.00101783	0.00105585	0.00102538
0.03110927							
0.89921777	0.92302445	0.81490482	0.77435862	0.5882579	0.65553962	0.56257969	0.49068667
60.0344057	62.2888589	62.5945833	65.623128	69.897596	70.0844353	71.7056111	70.6732851
48.20829	50.6893569	48.3254525	50.0319504	52.2094614	53.5179508	50.7711754	47.0731495
0.94542514	1.43164398	1.3213232	1.13085333	1.27188366	1.17291155	1.23889155	1.48394342
0.1141241	0.11908083	0.13424815	0.14085194	0.14471106	0.15618532	0.13249978	0.14317458
210.787345	210.430867	199.554828	189.993133	198.355342	202.719041	199.483699	192.03522
16.6478997	14.802761	14.1258013	12.2118784	13.246616	12.7960432	14.2256434	12.9080869
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0.08472244	0.0764597	0.0909961	0.08379872	0.08778216	0.09721746	0.1078634	0.14667361
20.301703	19.4060809	17.6346096	16.4257489	17.2790914	16.0230008	15.8882698	16.120748
0.08663008	0.04161387	0.09154084	0.23697573	0.22013248	0.18837922	0.20326029	0.16702207
0.4434032	0.51354096	0.66974148	0.62410405	0.82793285	0.77424303	0.84274997	0.94627339
26.28732	29.7690699	33.1666619	35.4259018	37.9502294	42.4055408	44.1976618	46.4936822
34.3845073	29.6790725	25.6317259	27.3979986	28.2078659	24.9004622	26.2699572	22.8983371
18.3619507	18.8048996	19.6953349	20.5555838	20.4444866	20.0887406	20.392232	20.3804682
0.45949156	0.53545591	0.56504201	0.57212649	0.55697657	0.61760685	0.65710598	0.74890642
15.9769501	14.7649695	14.5479324	12.2622961	12.1204609	14.2968719	14.6521653	14.5016179
30.2670927	29.7460239	29.2356631	29.3262955	27.5885543	27.5221313	27.9906387	30.1522033
0.07924281	0.08431355	0.10492063	0.10144908	0.12209978	0.12839447	0.1350909	0.11925026
0.08236386	0.09341682	0.10235721	0.13692169	0.11458323	0.15454954	0.13641195	0.15145411
3.18110826	3.29024606	3.18181162	3.62824061	3.80385495	4.51121963	4.31597113	3.99525278
37.0345344	55.7886897	78.913667	99.9897778	95.9940231	73.9888334	74.5212068	65.9199976
0.3311171	0.32057128	0.36639518	0.31804267	0.34387274	0.37208136	0.28143654	0.31395331
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0.1134122	0.1221228	0.14505789	0.15805362	0.18051682	0.20739275	0.23648122	0.29647721
1.07176617	0.48313624	2.31624572	3.7511885	3.81438865	3.62270468	4.28472228	4.78783794
0.04651335	0.04674882	0.03299364	0.03648488	0.05387008	0.0576812	0.05649898	0.05982492
107.792957	102.824851	101.66944	101.327219	98.7643031	97.3096318	94.4912473	87.344207
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29.4147877	34.1731567	35.2050362	29.5418302	33.0769818	35.1312801	34.5684926	32.9533408
3954.7109	4076.15968	4347.39771	4389.76374	4266.27152	4410.46523	4705.73376	5071.18482
2.67799458	3.46086093	3.43772798	3.76396605	3.79234049	3.4415548	3.78396998	3.28502001
0.95426126	0.87067565	1.36065903	1.70858641	1.95721057	2.05299473	2.19680987	2.56822921
0.05256499	0.00320852	0.00320852	0.00724775	0.01194806	0.01033232	0.00624994	0.00549574

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0.02119342	0.02216463	0.02535319	0.03052236	0.02641756	0.02834576	0.02917221	0.03091409
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0.19613127	0.16629984	0.17470547	0.18740017	0.19161506	0.19940487	0.19817294	0.2032215
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14.3770006	14.7488002	14.9519978	15.4276487	15.9073273	16.0696688	14.1481474	14.2416261
0.10733252	0.10041939	0.11207964	0.11674664	0.12464833	0.13043298	0.13431974	0.13104655
3.71031131	3.5203047	2.80552385	2.90612607	3.00371321	3.26087908	3.26470763	3.3039804
62.5784923	59.3734597	56.286352	54.425103	54.27042	55.2712999	53.9924669	53.531015
330.917181	341.630956	346.304276	327.324337	322.596216	321.808592	303.887318	287.113619
0.14088153	0.17685302	0.19680827	0.2001037	0.18561208	0.16623721	0.13645813	0.14587251
0.02787633	0.02792242	0.03037402	0.03307021	0.03538781	0.03791712	0.03246306	0.03572698
17.9502526	14.6530317	16.9388886	13.4503231	10.5628345	11.8762479	9.39595747	9.4754595
9.34141404	9.37573514	9.03157019	9.90903429	10.7114045	10.8139144	9.91479785	10.9959295
28.1287194	30.9379642	30.1027683	32.6388543	36.784219	36.1717688	37.7387657	38.6358592
6.81190695	7.16636368	8.12276618	8.57193218	8.67389658	7.60510717	5.27374168	5.77942047
66.7257185	73.4344958	75.185696	80.3749335	86.000347	84.5241896	91.4480014	82.4121204
0.22032711	0.25202402	0.22713214	0.23656355	0.2331612	0.23636972	0.23429284	0.28314863
0.04863855	0.0430179	0.04040738	0.04026237	0.03912345	0.04191282	0.03747341	0.03939709
86.3819999	91.0218478	68.9918179	70.1817471	81.3780733	66.7489622	78.9062139	68.7618958
14.1201871	12.6256493	14.3450145	13.1917751	10.3495537	11.7588686	12.5693442	11.4530092
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25.589477	20.9800434	22.3234477	19.8056026	16.7066996	18.2818818	16.4963331	17.7028649
0.26562809	0.25751911	0.31768609	0.40898002	0.40543214	0.40235678	0.42826804	0.47119931
0.00682094	0.0070833	0.00798551	0.00819405	0.00862412	0.00952869	0.0081777	0.00897829
46.1222679	50.340907	48.6520513	36.6660739	39.0710878	41.2538508	45.6504847	38.0278902
0.86107205	0.8682188	0.78161169	0.80880559	0.86855515	0.95125279	1.30240822	1.19315141
166.612657	181.335104	168.194542	143.73721	121.723175	98.4021823	88.2099887	81.2888511
1.04051042	1.14046812	0.97364849	1.10889116	1.26106323	1.05933801	1.0944401	1.01087307
2.4514076	3.06723676	3.53177624	3.26219682	3.32924947	3.96369861	4.61289877	5.18888881
0.13003197	0.13312802	0.14241585	0.14860796	0.16718395	0.15789612	0.15824902	0.15930772
0.56274963	0.52812108	0.50572987	0.53363694	0.61157737	0.65744147	0.60970812	0.62043542
0.52430926	0.52430926	0.52430926	0.52430926	0.52430926	0.52430926	0.52430926	0.52430926
0.1035572	0.09802825	0.10573787	0.11625178	0.12243425	0.12243475	0.11594041	0.11922915
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0.09854559	0.10172448	0.08583003	0.08583003	0.12811248	0.10903914	0.08225812	0.08590773
2.54751987	2.83850143	3.32746025	3.47604217	4.72373957	5.07593121	3.97247523	5.26602822
0.17217617	0.17217617	0.17217617	0.17217617	0.17217617	0.17217617	0.17217617	0.17217617
0.75164187	0.74554061	0.80263699	0.7836502	0.78690541	0.84404701	0.86306018	0.91686514
34.5183423	34.1274062	35.2084394	36.4746686	32.1921629	32.4551945	30.7588575	31.1046778
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0.81469898	0.87537567	0.90881992	0.93633758	0.93954609	0.99516479	0.92569548	0.85474428
15.3856403	14.6805425	12.0909116	11.2967708	11.8345005	11.8941441	12.012193	11.2874532
147.008834	143.99875	149.184421	168.89167	171.420541	181.063999	195.098025	216.99854
818.995322	946.155856	962.551527	1077.49824	1055.39805	1044.04806	1098.78151	1197.15801
11.7718995	12.6285403	11.230623	11.0692591	11.7285353	12.4775847	11.6039449	10.261048

139.658118	146.043149	152.825929	155.826739	154.671113	153.599244	163.905735	162.058332
38.7934376	38.5785905	49.76984	50.1723526	49.5394473	52.9318929	59.9814239	60.9171096
0.00442752	0.00443289	0.00646699	0.00631342	0.00631342	0.00631342	0.00197934	0.00178047
44.0383366	49.1407735	41.0190245	38.6649553	38.9964212	37.9180188	37.5943871	34.0055722
135.240682	129.4127	111.215661	103.416525	108.93651	108.253157	109.067937	101.122366
2.96889303	2.71900433	2.59037178	2.48205248	2.59698296	2.78110497	2.72849264	2.78897043
9.36859311	10.6921642	11.0393434	11.9815266	11.1396936	9.6222859	9.9392954	9.02295968
560.47507	610.320375	620.183983	590.731557	564.361949	565.100182	550.537243	521.270474
80.3240314	87.5674617	93.1536231	99.042413	84.407562	92.7903132	102.163788	106.763761
2.54550844	1.99916684	1.96756684	2.34968523	1.28539416	1.38126803	2.39748249	1.46242188
1.76827301	1.87085889	1.63146069	2.2697234	2.69264641	1.82774927	1.49336189	1.55283227
0.90783248	0.89911631	0.7247549	1.51954633	2.37413809	3.37762208	3.63608672	3.41992722
0.01289994	0.01256218	0.01465285	0.01668093	0.01640051	0.01817123	0.01995727	0.02124866
0.04189432	0.04205366	0.04716494	0.04902896	0.05069561	0.05534923	0.04975342	0.05285747
306.827933	311.371813	304.452929	298.75723	305.651498	309.832799	321.622834	332.328732
44.1416407	44.6582689	44.5893265	45.8241917	46.6836461	47.4284086	46.0194457	46.2468697
				3.71252863	10.8671951	13.9206698	14.0369962
11.6911604	11.1389876	12.2248591	13.5100983	14.2702012	14.6687131	15.6705324	15.3436622
0.19084705	0.20575067	0.19887445	0.26035673	0.27105889	0.30721188	0.24706869	0.28657076
17.6927944	23.0832066	24.7733316	23.7630772	24.5128536	19.8907987	21.232882	21.9758696
0.0758023	0.07663269	0.08618209	0.08936134	0.0905378	0.09721846	0.09372363	0.09075936
5.12829018	6.45403434	4.01952749	6.7687864	6.74131896	8.63064852	9.44124124	8.1035459
0.12159748	0.12734959	0.13790686	0.1441368	0.14364256	0.15697787	0.15967292	0.1593305
2.91726283	2.98053389	2.36300998	1.81767552	1.65660123	1.36385026	1.06346826	1.01370517
1.0874835	1.11250777	0.75861764	0.70883063	0.48241187	0.27248927	0.26739998	0.24364475
2.1831206	1.9759255	2.07909559	1.78553683	1.85629762	1.87504353	1.57132415	1.95820748
0.44186899	0.35035634	0.40225864	0.55979383	0.68293722	0.70829753	0.9495266	0.6922657
18.6020252	19.3172357	17.8917679	20.3484225	21.6264599	21.6059543	22.5201265	23.3008668
3.5265334	3.56848031	2.81071531	3.28061454	3.62509122	3.57351084	3.01072707	3.26110027
0.64851819	0.97120765	1.09327463	1.12071347	1.33139806	1.23096974	1.41528153	1.26200055
0.25933377	0.32513752	0.39599466	0.60455529	0.41878599	0.46509982	0.46486024	0.56202861
147.230137	153.941542	144.673566	139.923278	143.050784	149.461694	153.719589	142.386242
5.86966695	5.61245291	4.74357152	4.4348309	3.98946938	3.57384758	4.13953678	3.60728412
0.47822712	0.4959134	0.57363138	0.61367572	0.76325114	0.97802209	1.00529529	1.08828166
1.9075359	2.0189919	1.6399254	1.6024122	0.85011	0.5575509	0.70934815	0.70334204
2.28411915	2.51349834	2.63100099	3.95418345	4.85800011	6.32451077	8.07710371	7.61109124
9.29389312	10.0565838	11.1078004	11.6367312	11.6877245	11.7159592	12.7610394	13.5484155
0.04983363	0.05175225	0.10082853	0.10348167	0.60021195	1.6006395	1.72649482	1.47619194
0.45231272	0.48724256	0.46931131	0.5611283	0.57297337	0.52927126	0.75561735	0.8173314
0.51629801	0.51629801	0.51629801	0.51629801	0.51629801	0.51629801	0.51629801	0.51629801
2.1938817	2.26261128	2.34542187	2.42931831	2.39142327	2.41424595	2.53600213	2.46895572
2.42444725	2.39137694	2.4256387	2.23534529	2.47715799	2.40667483	2.51249226	2.64699995
88.2567132	91.5468247	95.9014333	98.1721101	103.152856	102.599165	106.922374	112.297677
0.01961178	0.09225685	0.07600975	0.01346471	0.03888189	0.08308509	0.09026224	0.02876763
0.71940658	0.7630441	0.92129886	1.23998128	1.28866912	1.51318811	1.38726263	1.86215881
0.37789625	0.42643176	0.37630899	0.46609588	0.52425586	0.69664226	0.58182296	0.57304847
10.6791399	11.6364303	11.8939293	13.5742365	13.4793153	14.3043219	12.3548789	13.5630535
1.8195017	1.65637891	1.4069905	1.45804197	1.64035535	1.58601299	1.40486078	1.35768437
57.401843	54.9157825	55.1050057	58.354593	62.8072403	61.4743584	58.4305151	54.1229412
2.46326525	2.04027539	2.043321	2.1127294	2.21866288	2.16496298	2.26058135	2.27054956
	0.01368742	0.00684371				9.9072E-05	9.2106E-05

6.3592132	7.81510874	6.73408995	5.68057999	5.51596024	4.41640492	5.10433008	4.83886367
13.437071	15.0655083	14.9144075	15.9876111	16.6811216	16.1159897	16.6594068	16.8586826
39.2521456	40.4323682	43.5642	44.0926188	44.147683	48.227802	54.5487545	44.7505572
3.11659128	2.8391814	2.58829623	2.78332566	2.65270176	2.6568714	2.07061411	1.94609024
11.7518258	11.4667905	10.8803216	11.5716944	11.7915605	13.6999502	11.7262216	10.9353346
33.1970747	35.5254911	41.322999	44.2986991	48.2189535	52.3939769	59.9229225	65.6163026
0.69947697	0.76709766	0.35559329	0.42064397	0.39677304	0.37984829	0.39709986	0.4085684
1.05108027	0.95505514	1.10967946	1.38367032	1.51554919	1.7169317	1.66451242	1.79886628
161.501885	156.733108	157.879283	148.488142	149.987906	150.031803	151.562033	149.98667
7.81035233	7.62756261	7.41949647	8.24684913	8.34779611	7.81942065	8.58028206	10.4910108
9.70614079	9.93938794	10.1802704	10.6746121	11.1957414	13.7962397	14.3776185	14.9874438
17.2321383	18.1677049	15.8197413	15.3994064	18.9977549	18.0618426	21.8359449	18.4783099
	0.00317667	0.00317667	0.00317667	0.00317667	0.00317667	0.00148348	0.00152794
0.21690947	0.20829186	0.24254046	0.27072845	0.26501278	0.2702066	0.25444889	0.27700613
15.1292275	17.2393056	17.2203214	19.2381037	20.1868108	20.5799765	22.1583399	22.8242917
0.54860081	0.54860081	0.54860081	0.54860081	0.54860081	0.54860081	0.54860081	0.54860081
39.3251723	35.7175833	28.2993387	27.545017	29.1283502	27.12107	27.4024484	26.7117228
956.29418	947.10951	908.15535	841.031096	810.509471	775.932572	773.851797	815.798593
0.13173981	0.15886501	0.16905745	0.15276304	0.1599499	0.20656946	0.26543225	0.31607519
184.424107	212.061306	217.093242	221.853823	234.173508	242.665576	246.996202	231.875803
42.6124207	38.8507026	40.4554546	32.7742683	39.6420926	39.6747217	39.1723005	37.9740407
1.6613123	2.30437152	2.16223158	2.53957647	4.54898296	5.21723243	5.35628002	5.40622583
1.97397006	2.10038434	2.19270595	2.40417752	2.71699405	2.97765909	4.03142064	3.89769291
21.0088368	20.3491891	19.9295064	19.838483	19.9437432	20.3225594	20.690866	20.4933084
0.00373141	0.00390813	0.00476864	0.00476051	0.00479814	0.0050399	0.00528167	0.00555569
0.08445945	0.08375667	0.0958936	0.1030256	0.08781871	0.08664672	0.0842218	0.09334348
0.16749996	0.18717035	0.2394527	0.26175286	0.21628842	0.21959729	0.20187965	0.20435672
1.52196354	1.55322968	1.68366664	1.70837274	1.71150149	1.66483801	0.98119055	0.89329381
0.17113719	0.16672626	0.17996209	0.17993754	0.19185887	0.1936589	0.17950074	0.18429253
0.01495364	0.01498128	0.01729193	0.01876344	0.01890692	0.02040054	0.01794586	0.02045353
0.02857657	0.02947085	0.03181044	0.0318061	0.03404075	0.03509784	0.03321513	0.03341847
0.89454756	1.11886527	1.15036827	1.40181585	1.49827173	1.19441424	0.95609524	0.87536241
8.76969927	8.28839773	7.64803847	6.58454206	6.74269274	6.51995727	6.78700052	6.19086403
6.29143601	6.01097893	5.792849	4.52731398	4.57789558	4.90858918	4.93859574	4.81857992
8.19726536	7.24693371	7.26614512	6.30749268	6.1875895	7.10577994	7.06818443	7.29424242
0.03905104	0.05369499	0.04881341	0.05125439	0.04393223	0.05857617	0.04286046	0.04286046
0.17593359	0.19729816	0.19180911	0.2244574	0.23938052	0.26448886	0.25751288	0.23358653
25.528628	18.8862341	14.1306819	11.8845627	11.2930844	11.5121153	12.0665328	11.9134035
0.03013457	0.03060139	0.03478658	0.03835003	0.0398323	0.04378648	0.04232193	0.04452223
0.11552834	0.19812699	0.22158428	0.23058091	0.24056512	0.23495712	0.34115338	0.37817825
0.01996612	0.02315502	0.05578955	0.25292298	0.19172041	0.50850616	0.28076616	0.21429678
82.3865589	84.352689	90.3001071	92.3804111	90.8682534	91.8885296	88.1198795	87.3926054
0.03675672	0.04710717	0.0667876	0.19336429	0.28824242	0.52976946	0.97233286	1.49474622
17.2381948	16.9470695	15.296097	14.3651119	15.8680477	15.8680477	15.8679394	15.8679394
0.0565341	0.0658248	0.11343165	0.14826014	0.13597599	0.13781789	0.13589931	0.14558951
0.02722683	0.02664831	0.02917388	0.03633899	0.0355458	0.03844047	0.04482095	0.04153772
6.19935	6.21315951	6.19314072	6.13219929	6.01612994	5.5587566	5.15397498	4.93971608
7.77118464	8.36706219	8.54058443	9.16958725	9.22348395	8.61411953	8.81339288	8.99326964
113.263377	115.79156	109.269152	127.349722	119.532912	130.021332	139.969008	144.219798
159.333536	158.059691	155.96028	161.960941	162.424991	166.441503	175.882037	174.006318
1.91719584	2.49083853	2.84644371	2.42138007	2.91138282	2.32944849	2.4557192	2.5843131

0.74729634	0.21166593	0.00632001	0.08313063	0.05921517	0.05921517	0.05983407	0.23332075
131.460908	134.225152	131.535379	110.854425	90.3453289	101.49314	83.0925313	87.5561651
2.04811067	2.92647571	1.450049	0.55928479	0.71244704	0.34868172	0.18520204	0.31700635
2245.85007	2116.71976	2128.41885	2125.52858	1984.66004	1893.66432	1822.79698	1846.03846
40.3180709	40.5824317	43.0183351	43.6715146	43.7196265	44.9568112	45.5632394	37.5037437
0.03680389	0.04586166	0.04244634	0.0462957	0.04715379	0.05004314	0.05209788	0.04931555
26.3558153	30.9036245	30.5007308	30.1447697	36.3503681	33.8985861	32.5781555	31.3094352
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40.2745657	41.4662073	44.4628242	53.0142283	84.0231296	97.4142466	93.6762678	120.542647
0.04070389	0.03323977	0.03682468	0.04823106	0.04191905	0.04443606	0.04804631	0.0654799
0.06073426	0.06048313	0.06811173	0.07897864	0.08677012	0.09509082	0.09160872	0.09463106
5.29666506	5.81303334	6.36276063	5.68592595	4.18809408	3.491754	2.96113462	2.37263904
230.284154	235.887115	238.434325	249.932777	229.926531	235.839786	225.045755	233.280507
0.03485894	0.03169405	0.03169405	0.26590723	0.30073997	0.62253071	1.84558606	2.65028425
8.88280124	5.50527053	6.71702342	6.77370233	6.76153419	5.94582502	5.00409472	5.30064441
0.00132003	0.00190204	0.00205397	0.00213362	0.00219042	0.00225295	0.00216681	0.0021317
0.16392285	0.24551092	0.31819942	0.26914448	0.21994967	0.23948057	0.2337822	0.24604936
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0.76577569	0.97401337	1.06575423	0.88436564	0.9239545	0.74007698	0.85001466	0.84466546
0.04932175	0.04921483	0.05083438	0.04800699	0.0480201	0.04741694	0.04664325	0.04595115
15.7132143	14.9057742	15.795353	18.8639431	18.9104512	18.3166007	18.821853	18.9731453
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0.00133593	0.00140645	0.00178828	0.00158696	0.00161906	0.00168641	0.00156769	0.00159335
15.7021649	15.1660322	14.7363335	14.4498054	14.5628262	14.1934903	13.9892751	14.1023715
4.98648484	5.00936344	5.0560463	5.05690718	5.16384086	5.10828113	5.19054229	5.09092432
0.75313541	0.98433622	1.14974438	1.42034596	1.33372031	1.13669155	1.41011386	1.64422637
0.04023742	0.05659865	0.07241351	0.06076888	0.07387718	0.08232183	0.06466033	0.09169633
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7.96973626	7.96556924	7.80403355	7.92664519	10.4777744	10.8682355	11.6842364	13.2581161
5.09205329	4.75275268	4.599757	4.72946222	5.2289589	5.50709002	5.44423895	5.10682195
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1.10536448	1.01929528	1.04620961	1.04879868	0.99011502	0.98525536	1.07175487	1.20873906
5.31227458	5.46478829	5.69949168	6.10164511	5.69906603	5.37834624	5.38351859	5.42016677
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1.00252839	1.05371782	1.08545062	1.1316204	1.18679733	1.37008589	1.43057209	1.43892713
50.0739367	54.1846951	47.8993454	47.1331931	42.775969	43.5037341	43.2462901	42.1525182
0.08892055	0.06974718	0.06592615	0.06647506	0.06683022	0.0662113	0.09607044	0.09466345
0.12899316	0.13964034	0.13826986	0.1003465	0.0967882	0.11221915	0.12095803	0.12794293
0.57054627	0.50078492	0.50417085	0.53376465	0.6542264	0.71692191	0.70752783	0.76791612
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0.01150071	0.01155053	0.01122756	0.01157071	0.01182122	0.01204161	0.01235144	0.01260356
27.9168117	28.4883099	27.9477214	27.9371588	28.4359667	29.1222219	28.8547403	29.3381538
2.92759375	2.80684882	2.82658632	2.91920778	2.7726107	2.79986947	2.78541806	2.70947071
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1210.01394	1253.58909	1331.2163	1381.88161	1333.37362	1390.48052	1398.78948	1441.9702



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0.32949743	0.32293004	0.33427985	0.29853445	0.34681031	0.30541534	0.56598825	0.6753552
0.03492952	0.06357247	0.09552304	0.16370444	0.25853487	0.39329192	0.43142048	0.28992425
0.00024485	0.00056122	0.0008201	0.00041931	0.0002494	0.00049623	0.00035812	0.00025251
4.52014379	4.66146759	4.44860991	4.69655585	4.93952944	5.20833011	5.30321524	5.30813237
0.00196867	0.00197788	0.00213526	0.00214071	0.00209887	0.00215346	0.00240312	0.00253447
0.00328183	0.0028146	0.00303824	0.00327825	0.00277041	0.00270458	0.00317962	0.00334058
0.60301113	0.59144268	0.63188454	0.64543347	0.68571183	0.53042662	0.57282597	0.5795566
0.96775393	1.031976	0.9981377	0.7848723	0.77933221	0.75022051	0.76442126	0.80877123
0.0007121	0.00094332	0.00104028	0.00108554	0.00113734	0.00117327	0.0011985	0.00115421
0.56093953	0.51978899	0.76090469	0.9726032	0.87613335	0.88013155	0.92000815	0.8564766
5.56614814	5.28411763	5.07678224	5.57423494	5.36654621	5.16965041	5.6541886	5.53741247
44.742493	43.5172489	42.8046411	43.4568543	43.1408582	43.7150074	44.5162967	43.5343297
0.00327677	0.00350388	0.05472373	0.0604647	0.05291074	0.05540736	0.06725394	0.09249352
0.00797663	0.00157291	0.00159508	0.0016142	0.00162858	0.0016427	0.00161481	0.00162381
1.15020223	1.17940708	1.18545729	1.20500601	1.22617305	1.38996333	1.49977874	1.58397962
1.58509474	1.59768266	1.68360442	1.97784937	2.0508963	2.02253317	2.05295177	2.10159341
8.97930504	9.32594814	9.04091001	10.9957699	12.175356	12.5933609	12.9020288	15.2836066
2.09326438	2.27186946	2.30679377	2.19876757	2.00562509	2.10371736	2.24730528	2.27362297
30.6240528	36.1068411	32.2600756	31.8103001	31.619299	34.2008346	35.943386	35.7979049
0.08187959	0.09686232	0.0936756	0.09248973	0.0842276	0.09416414	0.08597909	0.08581922
0.00151985	0.00155134	0.00169993	0.00166968	0.00159045	0.00157992	0.00155657	0.00156373
21.2116071	20.6849975	18.3376531	19.8375225	20.2491591	20.3889504	20.6247372	21.0527425
0.4417523	0.67309998	0.88999565	0.54145116	0.37256613	0.31028796	0.41922566	0.41970718
0.97045368	1.49552485	1.76817536	2.05201484	2.91707039	3.68721052	3.91093295	4.06143801
2.98762277	2.79452487	3.08636297	3.17132692	3.12977669	3.17385267	3.0130215	3.1900782
0.07908407	0.07128081	0.08476007	0.08337093	0.08608316	0.10237525	0.06775445	0.0665033
5.7977E-05	7.5567E-05	8.24E-05	8.4567E-05	8.7138E-05	9.1832E-05	8.463E-05	8.651E-05
30.148218	27.3911308	22.1935019	21.6565287	20.8695158	21.2277022	20.8838032	20.4811821
9.3091E-05	9.2762E-05	9.3141E-05	9.2905E-05	9.3265E-05	9.3564E-05	9.3989E-05	9.4511E-05
0.09350381	0.08258383	0.07015877	0.07241429	0.08415144	0.15091354	0.16206359	0.2095885
13.1948474	13.2225514	13.5141345	13.6557427	14.1800038	13.5734104	13.6703978	13.8816048
1.41971157	1.42832469	1.48236065	1.54796944	1.60192744	1.57323045	1.79349189	1.87301588
1.03414057	1.78458304	1.68079527	1.65274881	1.50052625	1.88675326	1.73073624	2.20189439
0.00027045	0.00025896	0.00019792	0.00014439	0.00012282	0.00011913	6.1232E-05	9.885E-05
0.161132	0.14378477	0.16006825	0.17777854	0.35158522	0.50026194	0.54741277	0.58514309
0.12235241	0.12094364	0.12406393	0.12442323	0.12661096	0.12506169	0.12509521	0.12772618
0.00482331	0.00476688	0.00501278	0.00528206	0.00509864	0.0051191	0.00546337	0.00566512
0.00459763	0.00460979	0.00482457	0.0049883	0.0048787	0.00493021	0.00503035	0.00517822
0.84709071	0.94219122	0.94205405	0.94210453	0.9421252	0.94217613	0.94222685	0.94231478
3.76652383	4.30900539	4.82966527	5.07022292	4.67346592	4.84114509	5.02200874	4.75925715
0.00051559	0.00062221	0.00068135	0.0006577	0.00068549	0.00071278	0.00069326	0.00068098
0.00055504	0.0005584	0.00178924	0.00117415	0.00240474	0.00241126	0.00228835	0.00239973
1.19305668	1.16530811	1.22429119	1.43571201	1.53175218	1.39576976	1.41495715	1.25771274
0.03299232	0.03752993	0.03246006	0.02894167	0.02585122	0.03421402	0.0315779	0.03624136
0.00170651	0.00170829	0.00172248	0.00236718	0.03393797	0.14599606	0.15257154	0.15522076
0.62411373	0.63704741	0.84647453	0.89939077	0.91185609	0.86715571	0.70874425	0.7295971
0.6554492	0.67674802	0.67988698	0.67725161	0.68492741	0.7255419	0.84273433	0.76923647
2.30865195	2.21416536	2.32355925	2.51082717	2.41586853	2.28235652	2.50825379	2.35048436
0.2654693	0.18943587	0.20232981	0.25297124	0.24673806	0.24660247	0.2921473	0.29896141

3.59796879	3.60118575	3.33273994	3.61956394	3.8071828	3.80480745	4.34831237	3.79881434
34.089842	36.3383176	37.2958459	37.1816458	38.5031996	42.2224535	45.9771144	49.3832334
139.766862	160.226929	164.634474	155.345887	162.883731	175.151744	184.969524	190.71111
1.23386606	1.430929	1.36020981	1.66872437	1.83727709	1.96684449	2.06655805	1.2631027
51.0437172	52.6178108	49.1229164	49.4745885	47.2589731	50.5495446	52.8485886	53.7631002
4.72424569	4.78570613	5.28176675	3.97921283	4.28557929	6.17808813	6.60173703	10.9925848
1.73306466	1.78943365	1.70295677	1.51213406	1.59576099	1.54853327	1.65799363	1.61293868
3.6042318	3.87003258	3.54692837	3.6050464	3.99482906	4.38928216	3.94123297	3.83434071
27.7250603	25.1953793	21.9111846	20.9891848	21.2318371	20.6544695	21.3263728	20.7738408
0.36544769	0.35901317	0.4081342	0.40715842	0.40110952	0.43622017	0.41157195	0.38991636
1.23255067	1.79359147	1.73112706	1.79633656	1.86966876	2.06262431	2.14187484	2.24682964
63.2893117	61.9990761	64.0075046	63.7292661	62.2964181	72.945657	72.5903895	72.5145248
8.57621416	9.02554389	11.8697175	11.4777149	12.7400198	11.9870599	12.5799946	12.3385756
2.17328941	2.21149831	2.27973209	2.47605372	2.71026615	3.10293187	2.79637876	2.71861009
0.50171593	0.56175585	0.77903047	0.74587483	0.6424911	0.62029331	0.70910534	0.89666973
0.42040439	0.43255267	0.45042121	0.58144992	0.72371592	0.93513192	1.47829032	2.08491525
0.00036973	0.00054435	0.00070391	0.00046399	0.00039164	0.0005587	0.0004887	0.00042149
0.00027496	0.00037809	0.00041713	0.00043448	0.00044705	0.00047237	0.0004441	0.00044701
45.8669695	45.3804513	44.7204137	45.4527622	47.8990584	51.6464641	50.8709772	48.7003654
5.35582078	5.50712614	6.07946865	5.92799583	6.05822637	6.59799959	6.31506472	5.79371702
0.56172796	0.61591744	0.5936125	0.86810816	1.21962306	1.45108826	1.67454515	2.01108737
2.35048909	2.30223573	2.34443016	2.40193288	2.2377924	2.3517465	2.31387468	2.10792608
0.04047097	0.05521123	0.07813095	0.11130763	0.11820279	0.10995571	0.12740618	0.14635104
3.28989127	3.0900738	2.06395515	4.18771185	3.40878683	3.21225872	3.30234056	3.20431757
0.00084382	0.00103304	0.00110882	0.00114013	0.00115249	0.00119018	0.00117415	0.00113873
0.89132362	0.88574488	0.77015137	0.74844429	0.88661654	1.0377396	1.08321451	1.08270816
0.00581012	0.00577866	0.00602625	0.00619393	0.00586873	0.00583958	0.00630776	0.00639986
2.49118707	2.65951085	2.21272923	2.43196373	2.67198315	2.33503159	2.71776568	2.43505816
0.5723137	0.55074916	0.52168011	0.53639325	0.50533929	0.54682214	0.55240099	0.51745877
0.76617679	0.84762685	0.69038366	0.66635698	0.58092816	0.45928047	0.54073058	0.65996163
0.00558075	0.20038935	0.1843939	0.18257624	0.18127076	0.01358257	0.00924686	0.00648676
5.16666195	5.92671268	6.39594063	5.40858365	5.49550153	5.43422801	5.23467865	5.20648483
0.4896807	0.53061029	0.53729775	0.57497704	0.50533654	0.46392278	0.53744489	0.58905879
0.12214243	0.13888385	0.14462366	0.11401725	0.11859408	0.12711918	0.14858963	0.12199131
0.00346895	0.00866257	0.01323654	0.00863927	0.00441968	0.00885275	0.00620894	0.00505041
21.3212442	33.1444867	30.1485769	31.24305	32.6836553	36.7090101	41.4009423	46.7729946
1.05008578	0.77967141	0.88650702	0.86471079	0.75440202	0.61925204	0.50395437	0.56070225
0.04197872	0.04254004	0.19371303	0.26596337	0.27003777	0.28310962	0.29497511	0.41870244
0.00880088	0.00885188	0.01063149	0.01246771	0.01458723	0.01266274	0.01285407	0.0137873
0.45522086	0.60739437	0.67475769	0.75892891	0.63859104	1.43132408	2.61050371	2.17489715
0.192075	0.16730876	0.16822361	0.23396723	0.23275526	0.24000978	0.31762161	0.41364732
1.30921524	1.38439859	1.40670473	1.47846449	1.52357056	1.968922	1.93724927	1.94268503
0.21378022	0.23692927	0.2482141	0.30453711	0.31885844	0.33180701	0.35731709	0.42518846
0.06486106	0.06464618	0.06626152	0.06661643	0.06850049	0.06772502	0.06774168	0.06717209
0.01654874	0.01771533	0.0176833	0.01865893	0.01742667	0.01723874	0.01819115	0.01808462
0.12867528	0.14769885	0.1422131	0.15648945	0.11707053	0.12392082	0.14955475	0.1589498
17.4924159	17.4486104	16.6298093	17.7623325	18.2366287	18.7859698	17.0688751	17.597498
0.21657126	0.2656196	0.29939693	0.30693616	0.32734076	0.36888241	0.36688049	0.41874339
0.07007011	0.06562379	0.07015999	0.05585998	0.05434931	0.06467615	0.05642994	0.0462696
0.06477021	0.06660378	0.05202213	0.04802916	0.06011247	0.06527755	0.0755515	0.1259038
5.38224512	7.25011797	8.19943059	8.14951087	9.08781398	10.8344674	10.4946416	11.4951768

0.33990901	0.3158782	0.33519929	0.35893791	0.37202486	0.3841923	0.38960515	0.34821483
13.7267466	12.5613529	11.8037037	11.5558664	11.1924701	11.7216967	12.0606952	11.3734657
7.47041881	7.32260187	7.06067377	7.17146157	7.32956231	7.59358229	7.90711107	7.90332393
0.9552519	1.15791374	1.16939228	1.19849598	1.47811816	2.18733388	2.9826786	3.3101676
2.12839816	2.26395648	2.44860179	3.04998461	2.7867948	3.19091882	2.80509844	2.60266097
7.5816162	8.64069254	9.20429944	9.96891	10.5952145	11.8194541	11.9760713	11.687393
18.1744288	17.3243197	17.6438396	17.7279411	18.944823	20.7223004	21.0868411	21.8530134
0.69152487	0.88197842	0.92814412	0.8600605	0.78242983	0.74589024	0.75371275	0.64128502
3.50488453	4.10731337	4.04812758	3.94618874	3.89497095	4.19808106	4.29712162	4.33892293
7.56959199	9.93846485	8.87868433	9.41447003	10.5486428	8.44696071	11.2378772	12.0667779
0.0021326	0.00221326	0.00106187	0.00105063	0.00099321	0.00094465	0.00099916	0.00075745
0.14871181	0.15869958	0.16755234	0.15552562	0.15038658	0.17135071	0.16287752	0.15659294
17.7708255	16.524353	16.4190488	17.3410677	17.2822341	17.786408	18.7002458	19.7087717
0.33232643	0.34465462	0.28280508	0.27624888	0.25502659	0.22190619	0.21717493	0.28600238
3.52095222	2.95233803	2.91697806	2.95754065	2.96230495	3.34217984	3.2405704	2.78452238
4.26249413	3.99524463	4.31849594	4.76079508	4.68763501	4.04029965	4.32026617	3.81732448
0.37762516	0.44184865	0.49094281	0.50623091	0.58904	0.6401944	0.74930481	0.60499947
0.00488013	0.00773094	0.01030067	0.00622738	0.00500285	0.00727984	0.00572972	0.00489686
11.2696698	8.86693082	15.3675702	15.5664422	16.1220296	16.0303609	16.1284317	15.9794126
0.09634852	0.13178045	0.14350753	0.12413485	0.09646222	0.10858711	0.10804257	0.11143369
6.79313804	6.97307466	8.62287028	9.12245055	8.77094267	8.63032976	9.13294299	9.49851759
96.7790378	98.8045019	100.816489	100.143702	99.2951073	97.987503	103.862322	110.320614
0.05698811	0.06169299	0.06875156	0.07166281	0.08949165	0.16709445	0.1829284	0.18645828
66.0146423	69.9176317	69.9628769	73.0121929	73.5334145	75.2953469	75.236036	75.1665379
2.57668766	1.71993989	1.7656131	1.5438502	1.55832584	1.98796401	2.07292296	1.97364613
1.19684332	1.37299346	1.33374	1.29261814	1.45250833	1.76067038	1.88747465	1.72129615
1.69573122	1.70161682	1.79306681	1.66037322	1.66837347	2.10832705	2.11643324	2.19010073
6.54154838	6.43307051	8.68620803	9.43892802	9.72030107	7.97556871	9.53416192	9.10381693
6.237E-06	6.1837E-06	6.1322E-06	6.6277E-06	6.0576E-06	8.4254E-06	6.0755E-06	6.1099E-06
0.00211237	0.00329076	0.0042971	0.00264742	0.00208785	0.00280964	0.00235771	0.00210905
0.12661889	0.13548601	0.12402318	0.13015487	0.13248469	0.14676039	0.14275574	0.14247059
0.5295271	0.54212142	0.48584198	0.41124937	0.41100085	0.36281697	0.37003445	0.43764035
0.03057918	0.03119245	0.03224636	0.03309921	0.03340235	0.03395267	0.03514899	0.03627146
4.9478E-05	9.5563E-05	0.00010757	0.00012453	0.00012445	0.00013471	0.0001163	0.00011997
0.00070334	0.00069057	0.00074544	0.00076834	0.00070073	0.00069156	0.00076665	0.00079347
0.02785708	0.04308114	0.04519467	0.02402653	0.02439409	0.00908287	0.0131936	0.01313524
4.45813636	4.19220702	3.87446118	3.83054807	3.95961373	4.13673983	4.40144326	4.43179678
0.66312818	0.68746801	1.32965701	1.41058886	1.49850467	1.438563	1.60529128	1.69395543
4.18694211	4.15625156	4.0676682	4.06775956	4.22721185	4.21570142	4.21112039	4.20714439
0.00264529	0.00265724	0.00268552	0.00273125	0.00275417	0.00279755	0.00292043	0.00297248
0.00223073	0.00223505	0.00231192	0.00275273	0.00223968	0.00224696	0.00281505	0.00267527
2.33718682	2.75189867	1.72527143	0.86817933	0.84017181	1.17701631	1.07692661	1.08576082
0.0001203	0.00019553	0.00022727	0.00025129	0.00026118	0.00028227	0.00027463	0.00027519
0.03919643	0.09067677	0.10354507	0.11069788	0.12251748	0.14623477	0.18926809	0.19804128
0.42553414	0.583393	0.62577602	0.58039009	0.53312225	0.60833253	0.5654093	0.55067381
22.8798175	23.8719895	26.7426799	27.5737513	27.9723804	28.0171692	28.7424775	29.1413873
0.6321269	0.59541858	0.57717122	0.71792163	0.8523508	0.86560594	1.57431519	1.87073144
1.47458068	1.60596499	1.80199311	1.76993482	2.34121252	2.56613273	2.68498207	2.21225752
0.0031728	0.00424979	0.00627887	0.00470609	0.00401719	0.00522793	0.00456454	0.00416034
0.00052234	0.00088636	0.00115781	0.00071335	0.00054671	0.00088536	0.00075932	0.00055538
18.3017491	15.483278	14.0892684	14.153643	14.507817	13.8083282	14.2988331	13.966316

2.83152549	3.06457445	3.1128526	3.66492701	3.83240585	3.57082304	3.17419321	3.12386609
40.6477835	40.8098641	43.1519178	43.4460896	43.4451403	46.3806459	49.0420824	48.9186575
17.7896325	17.1250209	20.4817308	20.4337428	20.0160471	19.4382998	18.2788894	18.9145903
0.97235072	1.03373493	0.92639959	1.05709923	1.23576573	1.77018465	1.81880351	1.94119462
0.7423455	0.8052981	0.87572697	0.91460571	1.01126765	1.19731564	1.204207	1.22302841
30.3386194	26.9329406	26.8381239	22.9092858	21.006127	20.4917179	18.356161	18.0745573
0.37673213	0.3558734	0.32448363	0.30849411	0.33135352	0.30469594	0.34836741	0.33752202
136.663948	138.038699	139.355594	144.994206	146.470015	145.164697	149.148232	150.163702
6.78111204	6.69288208	6.46143013	6.1143849	6.73127039	7.07533163	7.28342192	7.38776226
0.00050445	0.00063752	0.00063487	0.00066122	0.00066801	0.00068383	0.00069511	0.00066989
10.4233765	10.688768	10.5830509	9.78359755	9.64061157	8.38278627	8.13857465	5.74051102
0.0004036	0.00032381	0.00045809	0.00036852	0.00037367	0.00038928	0.00035819	0.00040108
26.4642214	25.660762	25.7696872	27.7386146	29.7888348	34.6907278	38.1481388	41.1209121
0.00100249	0.00139948	0.00176059	0.00123721	0.00097805	0.00137242	0.00119224	0.00113263
0.00115106	0.00193177	0.00263018	0.00148241	0.00120193	0.00205268	0.00152063	0.00117233
0.89000584	1.56896222	1.71092552	1.64975012	1.4068318	1.01195567	1.24703665	1.22903162
17.3543946	16.2720905	16.9018089	17.603502	17.2444689	17.7958581	18.0826156	18.2749686
0.50828853	0.80529458	0.88494035	0.91226102	0.94282074	1.13755288	1.23840149	1.47125779
0.71187572	0.8038465	0.7060872	0.797067	0.78209532	0.62970806	0.74021325	1.12097318
0.10423734	0.13190638	0.14638425	0.16018365	0.16916578	0.17484977	0.16899445	0.16678463
4.45027033	3.90196799	2.63566107	1.94775037	2.40385874	1.72909934	1.74823356	2.26061402
6.27617525	6.74138144	7.69884698	7.93940557	7.98295978	7.91340826	6.72123613	6.94617086
0.02361679	0.02361679	0.02535683	0.02531648	0.02541572	0.02608113	0.02674654	0.02597393
480.117814	483.676624	492.257229	507.505761	536.21368	560.173839	589.919315	615.937542
2.35539461	2.2615901	2.46596028	2.47864638	2.45003937	2.30198309	2.31184649	2.20726857
1.46367686	1.42942192	1.3918545	1.38522981	1.38843833	1.38191733	1.36123107	1.33364072
30.0847207	30.7616308	34.6714888	35.5773204	30.8810171	34.6296666	37.660731	37.6693415
45.6702598	44.8214263	47.7359717	44.0603887	46.2781803	45.2497206	46.431114	47.787737
1.2949329	1.30079076	1.27824348	1.70569211	1.65585732	1.58013878	1.67361551	1.80114029
0.07613277	0.07947281	0.09189442	0.10152258	0.10638822	0.1134056	0.10021695	0.10550141
89.7726215	90.4324099	91.8339984	92.0252314	91.9221942	93.2763579	94.8631317	97.2719042
21.7208383	21.6552615	23.1160829	22.6591293	23.1664605	23.9932642	24.5485276	24.7956643
5.79669602	6.4017435	7.29311387	7.55215962	6.79950195	6.40699044	7.72219382	8.51008616
0.18943367	0.17837645	0.2011003	0.17290174	0.18223231	0.21440609	0.25417873	0.3347639
25.471687	24.7091934	24.2181812	24.4464702	26.0926244	25.7912068	25.200212	25.281678
3.28426652	3.41736271	3.84386533	4.06730781	4.5772317	5.80191463	5.99051019	6.74843323
0.99141969	1.19806398	1.48012067	1.28771272	1.71875612	1.70753712	1.98592951	2.15974886
8.61722248	8.70052547	8.26025966	8.92145784	9.35804728	9.92798795	11.0668415	12.1054104
7.93520173	8.21195564	7.2681838	8.13472436	8.92792501	9.04493249	9.18912903	9.39697278
2.94412656	3.1615413	3.27641052	3.37459094	3.52243209	3.5993527	3.71031456	3.82493448
0.30652917	0.35735548	0.38677782	0.41237456	0.40947627	0.4484421	0.49700548	0.55182953
3.4067884	3.18969084	2.81764598	2.98058243	3.10639066	3.62002447	3.77615676	3.75198365
10.872783	11.6709071	12.1818326	11.5910318	10.3846427	10.7983614	11.2573646	11.8400055
0.05286328	0.05626963	0.07181939	0.07312197	0.08976493	0.09322676	0.10217675	0.08787224
0.05494535	0.06234503	0.0700647	0.09868975	0.08423893	0.11221786	0.10317594	0.11160237
6.73405717	7.31728313	8.11812365	8.8101633	9.16857564	9.65862518	10.3082953	10.7137098
185.152587	202.541011	209.784233	214.780624	200.78732	199.046049	200.175373	191.865992
0.1995616	0.18936492	0.22121946	0.20915576	0.22731768	0.24180781	0.21273364	0.23122176
1.28362717	1.34261515	1.32605329	1.35099427	1.35699574	1.337433	1.3307432	1.35349291
0.20935004	0.23568541	0.234479	0.20652283	0.24374732	0.24948126	0.29780653	0.33135008
1.98134724	2.06207985	2.14922978	2.22819608	2.30911427	2.26222104	2.30032242	2.45874753

0.10400072	0.10906253	0.07291555	0.07527919	0.11183218	0.12721172	0.13313912	0.13654279
169.055874	169.379595	173.13466	171.597694	171.088786	170.192375	174.166138	180.287213
16.9751793	17.1305645	17.082417	16.9196842	16.2024056	16.0428075	15.7478939	15.814672
21.8593048	22.4344124	24.4921495	23.5736015	25.2256856	26.3839775	27.38366	28.3279971
621.890019	686.126314	741.094369	770.350034	828.462134	845.356638	877.815126	950.956147
1.58361486	2.35610734	2.55844027	2.70166911	3.16504959	3.83972427	3.57403853	3.9668735
2.83184211	3.01424788	3.19692401	3.41453171	3.16542809	3.26066303	3.1859719	3.31923387
2.12684699	2.11205144	3.31385133	4.51244268	2.66689523	1.89707956	2.1427572	2.07066838
1.64559149	1.60298482	1.91227736	2.01664038	1.70175516	1.4484186	1.31818138	1.25749522
0.05239521	0.0552813	0.0520629	0.05141299	0.04655372	0.04723445	0.05504337	0.0551134
25.0198039	26.3791867	24.8722338	25.8661792	27.9866093	29.2239559	29.226809	29.7985511
0.07010308	0.07466873	0.0913699	0.07643147	0.08536881	0.10529793	0.13627944	0.14692358
0.43853631	0.38796876	0.386097	0.38666241	0.39778534	0.43977305	0.46699201	0.46382727
4.67586668	4.79462917	4.87282005	4.97339904	5.31281985	5.74833144	5.86377411	5.87520657
1.21715019	1.06073368	1.23691869	1.39944176	1.49691119	1.48886751	1.63314804	1.62090257
0.07160207	0.06701844	0.07671982	0.08414808	0.09163856	0.09470692	0.10159348	0.0965646
2.1699548	1.99809377	1.79522519	1.7502718	1.81885447	1.93179621	2.0045193	2.01650438
16.4735092	16.1435933	16.0040182	16.5129907	17.3188809	18.0044645	18.5387128	18.6710986
149.942748	148.513271	152.366975	154.573017	157.590413	161.024421	163.491787	157.66004
0.31500162	0.41258877	0.43494393	0.41287359	0.38532341	0.36662416	0.32156184	0.33293548
0.01859644	0.01863502	0.02079137	0.02383618	0.0260163	0.02753149	0.02455361	0.02632623
12.6436617	11.5874063	11.3804777	11.4728417	12.000916	12.1561618	12.1423582	12.307729
6.04611362	6.55814671	5.78984772	5.04682059	6.13036527	6.63244057	6.51171217	7.16495592
34.2189456	38.6433344	40.263668	43.5051748	46.4091202	45.1858305	44.6934275	45.4600712
13.7020717	14.1771644	15.1230248	16.2567745	16.9253817	17.1021518	18.1982671	19.1606841
46.7650034	50.9015207	51.3997217	53.5951624	54.9790892	57.3963699	55.7127069	56.1646623
0.2364769	0.20747615	0.19474603	0.19166097	0.19166097	0.19807801	0.19339939	0.21502083
0.10829084	0.1128754	0.11886045	0.11644768	0.12046318	0.12412684	0.11097755	0.11667454
91.9880334	82.6541226	81.6525625	82.0941294	85.1401976	88.337778	91.2029261	92.269345
2.24431492	2.27530652	2.22641297	2.23000576	2.29548669	2.3456283	2.42531442	2.46336635
2.86199363	3.25019402	3.79965227	4.23568866	4.71309226	5.73450385	6.0731197	6.74467918
12.2935511	11.9896851	11.8315063	10.7054534	10.6965427	11.9103073	11.3062266	11.5087065
0.65669152	0.64228175	0.65236834	0.68889912	0.71446117	0.67047377	0.80807117	0.84004825
0.00455029	0.00472729	0.00546617	0.00590607	0.00634025	0.00691875	0.00618525	0.00661586
128.158843	127.092578	126.067987	126.216331	127.428591	127.972237	128.543761	125.648351
0.72721436	0.75333769	0.84853475	0.8322845	0.80982485	0.82886804	0.20380273	0.20334522
115.401144	114.911096	114.17366	115.64272	118.820162	121.626611	122.086011	120.562885
2.31381092	2.452663	3.0737554	3.43858469	3.78041308	4.29131467	3.86998508	3.75957123
5.72989951	6.84310836	7.23827972	7.28424575	7.90351286	7.30365796	7.08516813	8.05537348
0.32854786	0.33486128	0.3567428	0.38798716	0.41933882	0.45373959	0.4909117	0.52971951
1.25827027	1.23207865	1.11765696	1.10105209	1.26961063	1.4499397	1.43676937	1.41606508
0.37000656	0.37000656	0.37000656	0.37000656	0.37000656	0.37000656	0.37000656	0.37000656
0.23154694	0.22869473	0.23367944	0.23986209	0.2541687	0.27002101	0.2732121	0.27212541
0.15843055	0.16430684	0.17203492	0.16864637	0.18051509	0.19860386	0.15914476	0.15796657
0.53113545	0.549971	0.57520411	0.59403995	0.60977065	0.62548187	0.50754604	0.47669256
19.6397501	16.4151328	16.3058794	16.3471509	16.6846404	17.1590357	16.8834667	17.1689488
0.03298323	0.03337488	0.04345376	0.03990957	0.04278371	0.04590911	0.04627523	0.04678642
0.10660668	0.09717123	0.09710607	0.09081693	0.09074829	0.09681897	0.10194906	0.09679387
5.66378789	5.68831359	5.97799195	6.39131723	7.30802533	7.93705695	8.19469595	8.55898642
0.12150522	0.12150522	0.12150522	0.12150522	0.12150522	0.12150522	0.12150522	0.12150522
0.64692265	0.66434514	0.62941837	0.68824559	0.67875219	0.76313041	0.76538767	0.78368694

6.41130259	6.32041433	6.50813988	6.57339868	7.28543549	7.72099695	8.34353455	7.93456859
3.05216198	3.17039759	3.15841385	3.2878269	3.893076	4.01710133	3.91398176	3.96539448
5.75520074	5.54538897	5.63087178	5.57556731	5.88657371	6.10129673	6.57308414	6.33649559
1.1030629	0.96260266	0.895415	1.16545517	1.4025626	1.42150211	1.44106942	1.4624567
10.8308851	10.506482	9.79391901	10.9288154	11.931383	11.9585811	12.7271609	13.5240664
108.496018	129.624716	136.118075	136.586985	132.024991	128.09968	135.043682	150.989209
209.289852	221.517738	226.258918	235.747153	257.747852	269.386902	291.231706	305.690565
10.7598665	10.552147	10.7054912	11.1272219	11.2773635	11.9444941	11.6747167	11.8423468
116.93654	123.766155	128.237076	141.152137	139.104209	130.240283	134.850085	138.182262
29.8612881	33.0976406	31.6300436	25.062761	24.013246	24.5168851	27.7340122	32.37488
0.81725195	0.79920319	0.81514094	0.81798931	0.84701373	0.92649405	0.98008434	1.01921947
15.6681886	17.1501936	15.8907887	16.0328098	16.9280597	17.4890239	17.964259	18.0405806
109.150717	102.511045	100.723344	105.392849	103.008501	101.711254	97.6110586	100.202583
1.84121555	1.50890313	1.60536703	1.68837331	1.64645429	1.8005317	1.95168007	2.25046781
5.331855	6.8697875	7.1139778	7.04540956	7.8292846	8.29738414	9.11968221	9.00942928
223.027292	220.6993	218.027382	211.967435	211.343152	208.908213	207.050154	204.508748
13.4649906	14.5869502	13.7346639	14.4128951	15.353239	15.9491509	15.3727824	17.4721033
4.61369517	4.8998863	5.81744023	6.4844684	7.98671947	8.7771703	8.59025137	9.66988647
2.77161031	3.93526767	3.9401935	3.15441429	2.67172845	3.27171545	1.84037656	1.48676423
3.12208101	3.29367455	3.37503816	3.69768976	4.06883241	4.50939257	4.80204395	5.11735573
0.03189173	0.03133161	0.03008969	0.02809797	0.02890141	0.03027995	0.03765622	0.03788194
0.02794792	0.028066	0.03228495	0.03533886	0.03727024	0.04018887	0.03763127	0.03894922
85.124868	87.5842482	90.8799363	92.4608657	98.4002399	101.313818	103.465804	101.656319
12.1543774	12.4851311	13.1450812	13.3411928	14.0230949	14.2059931	15.0181975	15.8653662
1.5130687	1.68830313	1.92160856	2.23339472	2.34945676	2.98734353	3.03617244	3.12169029
5.05838146	8.11951796	6.71741054	7.12248905	8.3468601	8.86324575	9.32474255	8.11229364
0.42672115	0.48000546	0.43951017	0.53719355	0.56270763	0.67753364	0.5822142	0.65406137
13.6163335	16.8848459	17.6875607	19.5594124	15.1355661	18.2731374	17.2220907	16.7700474
0.0505681	0.05114354	0.05899264	0.06440943	0.06656129	0.07058997	0.07088839	0.06687808
7.38268834	7.9824266	7.72388491	8.02564138	9.22965093	11.2887776	10.448462	9.95067907
0.27188378	0.29709989	0.30477251	0.29739719	0.29819633	0.34620336	0.37626718	0.36365164
4.2502773	4.28094975	4.27957431	4.76057865	5.05359059	5.43869188	5.68967567	6.04860113
6.94516321	6.6283173	6.48427618	6.19129584	5.75269526	5.57630074	5.68240919	6.06664205
2.82223222	2.72782983	2.7620154	2.88403044	3.05758289	3.08388141	3.23932632	3.24066832
0.8522871	0.87383172	0.82532557	0.79485413	1.19838458	1.15174236	1.18130736	1.05773075
14.4424033	14.653439	15.2096862	15.4068806	16.3753813	17.042636	17.6768117	18.1646497
1.86074268	1.63486685	1.7225578	1.78580183	1.94712699	2.04503255	2.05750955	2.09801864
0.99506094	1.02260281	1.07077802	1.13828742	1.17677946	1.21944707	1.23885606	1.29314342
0.64113521	0.81093288	0.81317677	1.01833514	0.73799573	0.77502727	0.87711819	1.00198018
151.658553	152.50665	150.639389	151.239628	150.505651	155.885115	151.373297	147.373286
1.42136327	1.36025468	1.54482049	1.61624255	1.79604638	2.05388507	2.13443244	2.13411198
1.06928363	1.15693982	1.2677185	1.26619596	1.58447944	2.15695713	2.36896548	2.4838647
0.5539018	0.5443897	0.5444332	0.5509176	0.588493	0.5882093	0.60914468	0.67522566
2.35557082	3.02892165	3.51309664	3.96190768	4.33040449	4.43963435	5.93458071	6.10121402
1.71583293	1.97126636	1.91669359	1.98714542	2.01008769	1.76461323	2.1080282	2.16572214
2.06353341	2.38063036	2.57718938	3.02217241	3.13893087	3.46896766	3.27501809	3.25311272
1.01134077	1.13671119	1.03717239	1.15777496	1.18947025	1.16726955	1.7806026	1.86545514
0.364353	0.364353	0.364353	0.364353	0.364353	0.364353	0.364353	0.364353
0.9324437	0.95456286	0.9731907	0.99802782	1.03248018	1.09497575	1.11687142	1.13720407
0.41637811	0.41713123	0.44112107	0.41908126	0.40118176	0.4950905	0.56818503	0.65374807
44.6284131	44.3967862	58.1717837	65.1648922	61.2120449	62.8860705	60.5735406	60.8295686

1.80281569	1.76580186	1.87258589	1.98168788	2.06432585	2.06432585	2.04312357	2.06459909
1.15999872	1.25964085	1.31768091	1.44102981	1.30641415	1.29519892	1.32437746	1.41998258
0.77474621	1.03936784	1.10561624	1.17089794	1.20669916	1.08043576	0.95769978	1.03000762
31.7314486	35.1640839	44.8539555	49.1804406	44.7202965	51.2512124	51.2974388	54.9908041
1.61113507	1.7048967	1.71076301	1.88292963	2.12955646	2.19301129	2.33346641	2.08299884
34.1458899	32.6798219	31.1294802	28.4157997	28.8405565	28.9893555	29.8225341	29.8512011
14.9824663	15.1118621	14.980457	15.2825018	15.2383936	14.7592558	13.954746	13.9476956
1.95930889	1.66705454	1.87526498	2.13083243	1.80837774	3.04188452	3.74228965	4.03021433
13.6414194	13.5397116	13.6935104	13.8173128	14.3959106	14.6939852	15.66576	16.0180486
9.56340893	10.8407109	11.9467623	12.5373123	13.210506	12.4119103	12.3032337	12.1367426
34.9540503	35.7547576	36.5915371	39.0567084	44.0690819	49.1341176	53.8413435	49.335037
3.67389951	3.71007129	3.70197236	3.94660801	4.3519894	4.70153227	4.85992817	4.81456686
17.6991632	18.0077343	19.5631183	19.3421891	21.1461742	23.1496118	23.4842477	24.1787831
23.5298339	24.4942987	25.563349	26.6464725	30.8210173	33.3354164	34.4551569	35.6394165
1.3706079	2.54140897	1.31007955	0.67274823	0.63250282	0.60552278	0.63302381	0.65130601
2.27169097	2.13897181	2.05696512	2.07447881	2.40583981	2.57649647	2.79763268	2.76388047
47.7242939	45.8746824	43.1784871	43.7913871	46.6543099	53.2599847	61.5437052	63.3228807
2.74695991	2.90180866	2.59676395	2.52272369	2.86018814	2.7191249	2.18522405	2.2194224
1.33446831	1.31532086	1.44179236	1.34078138	1.40774507	1.44603968	5.4314611	4.87017423
17.1985326	15.8319554	15.604746	15.6891072	15.7700964	16.3493369	16.6999543	16.8199191
4.67457738	4.41977108	4.74472339	4.97757355	5.47468187	6.3965439	7.25420577	7.61386068
0.53625218	0.51950547	0.4980579	0.45602495	0.46701252	0.45026353	0.48010505	0.49384435
9.84580512	9.30276396	10.1887579	12.2667017	12.7923738	13.1801737	13.4513302	11.7594819
1.29643858	1.29643858	1.29643858	1.29643858	1.29643858	1.29643858	1.29643858	1.29643858
14.045815	15.3167512	14.9202954	15.2769496	15.3956472	16.4625711	17.5914849	18.0804759
249.686541	237.316892	238.703156	241.390079	240.606293	240.201833	246.059881	258.862398
0.38402841	0.41128953	0.48895743	0.52707948	0.62368128	0.5688084	0.5626318	0.52395849
116.537674	126.807404	128.904769	136.723213	146.938917	146.449148	142.909891	136.102812
7.57755658	6.84865932	7.22517379	7.55873631	7.58854471	7.87817032	8.24183206	8.45040044
8.65978455	9.35855057	9.72305909	10.1200286	10.699486	11.9705846	11.8088891	12.1696644
663.687734	618.584757	616.145529	636.799157	662.654805	680.257986	707.041346	709.848182
2.19843068	2.10214058	2.33221841	2.44898298	2.71794046	2.96370166	2.62496137	2.89672447
7.24744653	7.01058618	6.51305379	6.73055316	7.21948917	7.40485527	6.63743992	6.38452502
0.00818269	0.00818269	0.00998438	0.00996737	0.01004614	0.01049366	0.01094119	0.01150285
0.20880399	0.20889943	0.19691794	0.1735401	0.15475645	0.14438529	0.1589133	0.16641202
0.37451863	0.43665855	0.5291876	0.54007419	0.44900628	0.48430597	0.47572681	0.46641826
3.11186922	2.73710666	2.77622029	2.7970176	3.29544625	3.44209186	3.3641843	3.47469619
0.38265122	0.38896359	0.39771408	0.37126478	0.3982915	0.42710073	0.42299119	0.42062429
0.00997565	0.00999829	0.01183653	0.01352422	0.01389993	0.01481276	0.01357345	0.01507164
0.06389529	0.06875395	0.0703007	0.06562547	0.07066726	0.07740576	0.07827102	0.07627341
0.57190122	0.69278646	0.61836693	0.66970341	0.67560102	1.00026177	0.82359044	0.67890991
7.11922241	6.46813354	6.47564307	6.05831475	5.96668642	6.73627101	7.79632411	7.72738061
5.566976	5.58335638	5.28779965	5.30425436	5.27572986	5.64679357	5.77081974	5.74444152
20.3745043	19.3483233	18.8490426	18.3627302	18.4114829	17.5913833	17.3311042	16.4319409
0.51612172	0.51928298	0.67317618	0.67033871	0.61132367	0.54920438	0.63338081	0.63338081
0.39337566	0.46028621	0.42389584	0.46312254	0.49694458	0.5833111	0.6068258	0.5331316
12.924405	10.5704881	6.50586605	6.0414787	5.71174697	5.14930407	5.03041973	6.54209119
0.02010292	0.02042292	0.02381182	0.02764175	0.02928378	0.03179321	0.03201043	0.03280721
0.25831358	0.46221982	0.48969862	0.47575715	0.49940375	0.51818098	0.80392358	0.86314384
1.48403463	1.25872236	0.73810938	0.39461301	0.70811394	0.60946857	0.88498659	1.00679478
58.4877994	60.4560622	59.8357938	57.9301454	61.7410152	65.7252336	71.9889655	72.1121621

0.2859417	0.8787222	0.90365112	1.53600408	1.3312107	1.28780396	1.17954189	1.22567882
9.96854391	10.3849875	11.1152349	11.7660641	11.7660641	12.1288551	12.0914356	12.1424387
0.13976585	0.16417512	0.23293239	0.24973482	0.23962049	0.22965526	0.25642063	0.25955583
0.06731124	0.06646416	0.05990869	0.06121073	0.06263974	0.06405595	0.08457008	0.07405312
3.18814213	3.11272296	2.98299459	3.35368711	3.37147626	3.03208026	3.0464885	2.50246846
6.39961737	6.35640256	6.05507488	6.33117097	6.72495598	7.08304417	7.61476094	7.62725845
44.0003267	51.0565286	57.2043057	60.9324075	72.5081174	79.151654	82.8433564	83.3702111
38.9090395	37.9096823	37.8291401	38.4179757	39.4225299	40.668723	40.2341201	39.1181948
4.43448742	5.76996621	6.35110283	5.78633692	6.53051634	7.63757947	7.16819726	7.47715092
1.63942309	2.04161558	2.19260464	2.43519418	2.741858	2.94367166	3.10518074	3.38545348
33.668775	31.2468944	31.3280621	26.9099868	23.0578386	24.292076	25.3546727	25.0952928
3.22451127	3.2646895	3.43283284	3.41876627	3.44940625	3.51793598	3.67527495	3.6281038
1633.59074	1597.53146	1646.93719	1639.84599	1700.04686	1711.21831	1724.01746	1762.23536
12.3376521	10.0528545	8.90339212	8.5175011	8.0355907	8.10900074	8.75973246	14.4745246
0.02455207	0.0306074	0.02905501	0.03336879	0.03466637	0.03633614	0.03940452	0.03633927
50.8393274	54.2013662	53.3654092	52.8860172	46.2171065	40.5442018	37.1094369	32.5152866
0.01978557	0.02003244	0.02316351	0.02544392	0.02623818	0.02783003	0.02427655	0.03093699
30.5115873	30.0570571	29.2995931	29.9624984	33.1795684	36.7853243	40.0402445	41.8465793
0.10062978	0.08290406	0.07561964	0.08124216	0.07387085	0.07404682	0.09065583	0.11673705
0.15014965	0.15085236	0.13986773	0.13303452	0.15290859	0.15845627	0.17285125	0.1687075
6.65696606	5.47851153	8.30263413	8.37999477	3.1318862	2.58726805	2.43690388	3.03906952
48.7816211	48.8432418	53.6493315	51.2065327	53.5540238	50.9229795	55.4110065	54.2412445
1.34385449	1.61295866	1.66260105	1.8787952	2.10083752	2.07636492	1.86702258	1.84487532
2.25449592	2.55463122	2.8374378	2.55049171	2.34091141	1.8381022	1.99609307	2.62319345
0.00253063	0.00259967	0.00259967	0.00259967	0.00259967	0.00259967	0.00264481	0.00269261
0.01027219	0.01062219	0.01074879	0.01087688	0.01100198	0.0111256	0.01124922	0.01136986
0.01499761	0.01510227	0.01540785	0.01569094	0.01547527	0.01557708	0.01566265	0.01563358
0.00083417	0.00083417	0.00083417	0.00083417	0.00083417	0.00083417	0.00083417	0.00083417
0.00196138	0.00199651	0.00208962	0.00212563	0.00216164	0.00219941	0.0022363	0.00227144
0.00152473	0.0014304	0.01613869	0.00154591	0.00170185	0.0031592	0.00166912	0.0037483
0.00026846	0.0002794	0.00029099	0.00030258	0.00031481	0.00032704	0.00034056	0.00035408
0.00533484	0.01137709	0.02251089	0.00638353	0.00570201	0.00698155	0.00839125	0.00378584
0.00083603	0.00084914	0.00086107	0.000873	0.00088492	0.00089566	0.00090639	0.00091593
0.00358218	0.00366981	0.00366981	0.00366981	0.00366981	0.00366981	0.0036884	0.0037123
0.0386678	0.01920013	0.0188337	0.01884889	0.02052253	0.01834571	0.02206252	0.13213081
0.00205235	0.00209703	0.00214172	0.00218789	0.00223555	0.00228023	0.0023264	0.00237257
0.26524802	0.26865719	0.27204848	0.27539808	0.27868959	0.28183067	0.28491069	0.28792816
0.00160999	0.00165041	0.00165041	0.00165041	0.00165041	0.00165041	0.00167968	0.00170756
0.15775588	0.10196354	0.09849016	0.09650871	0.10674709	0.13320355	0.14267645	0.13318634
0.01000593	0.00994432	0.0098057	0.00962858	0.00956697	0.00944761	0.00925124	0.00911262
0.00641621	0.00669174	0.00696728	0.00705962	0.00715196	0.0072443	0.00741856	0.00812154
2.46730705	2.77440192	2.857377	2.9405245	3.02352329	3.10241406	3.18089101	3.25878388
4.5065E-06	4.5065E-06	4.5065E-06	4.5065E-06	5.1503E-06	5.1503E-06	5.1503E-06	5.1503E-06
0.01622967	0.01647095	0.01670925	0.01694457	0.01717691	0.01740032	0.01762075	0.01783671
0.00047108	0.00047228	0.00047347	0.00047585	0.00047705	0.00047824	0.00047824	0.00047943
0.056935	0.05594287	0.05686759	0.05768022	0.05729127	0.05855837	0.06501426	0.06646185
0.17375589	0.17210144	0.17044651	0.16879157	0.16713664	0.16548171	0.16407511	0.16266852
6.9172E-05	7.0364E-05	7.0364E-05	7.1557E-05	7.1557E-05	7.275E-05	7.5135E-05	7.6328E-05
0.00094141	0.00094333	0.00094333	0.00094526	0.00094526	0.00094718	0.00095296	0.00096066
0.00037448	0.00038402	0.00039356	0.00040311	0.00041265	0.00042219	0.00043054	0.00044008
0.00173837	0.00179111	0.00184564	0.00190063	0.00195561	0.00200789	0.00205973	0.00211111



0.000384109	0.000391258	0.000398258	0.000405258	0.000412407	0.000419556	0.000426705	0.000433854
0.00035921	0.00036687	0.00037454	0.00038265	0.00039031	0.00039842	0.00040609	0.00041375
3.65427757	2.39904951	4.21807188	2.74980858	3.52267664	3.46981663	3.28241459	3.25062481
0.00021243	0.00028614	0.00033234	0.00036225	0.00018081	0.00020287	0.00020298	0.00020836
0.00096441	0.00100388	0.00104526	0.00109724	0.00115018	0.00120696	0.00126567	0.00132535
2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06
2.31627124	2.47884015	2.24917851	2.37076129	2.32263801	2.22787089	2.23664828	2.2844697
0.00189437	0.00190592	0.00190592	0.00190592	0.00190592	0.00190592	0.00191939	0.0019348
0.00023434	0.000244	0.0002543	0.00026395	0.00027297	0.00028134	0.00028906	0.0002961
0.07544623	0.07344747	0.0699284	0.07035648	0.06421961	0.06490789	0.06438231	0.06392597
0.00059488	0.00060065	0.00060065	0.00060065	0.00060065	0.00060065	0.0006045	0.00060643
0.00399719	0.00247444	0.00272617	0.00317831	0.00376988	0.00307266	0.00277335	0.00242808
0.00101264	0.00102804	0.00102804	0.00102804	0.00102804	0.00102804	0.00103189	0.00103574
8.4894E-05	8.6384E-05	8.6384E-05	8.6384E-05	8.6384E-05	8.6384E-05	8.9362E-05	9.2341E-05
0.00012064	0.00012213	0.00012213	0.00012213	0.00012213	0.00012213	0.00012213	0.00012362
0.01041876	0.01061921	0.01061921	0.01061921	0.01061921	0.01061921	0.01070757	0.01080241
0.0248494	0.0253825	0.0259156	0.02644989	0.02698299	0.0277582	0.02854532	0.02934199
3.4231E-05	5.5472E-05	2.86E-05	3.0432E-05	3.0861E-05	3.3178E-05		
0.06398983	0.06572059	0.06015174	0.06717047	0.0213821	0.01658036	0.02057293	0.02052472
0.13199194	0.13549398	0.13902776	0.14257923	0.14613695	0.14965304	0.15316704	0.15667896
0.02019623	0.01366627	0.01630863	0.01552114	0.01410115	0.01428455	0.00805976	0.00886836
0.00155464	0.00153872	0.00140088	0.00165511	0.0016619	0.00183287	0.00190397	0.0018082
0.45919248	0.46260801	0.44747573	0.41627092	0.44834066	0.47148426	0.43639597	0.42924261
0.00064998	0.00064998	0.00065594	0.00066071	0.00066548	0.00067144	0.00067621	0.00068218
0.00013	0.00013878	0.00014756	0.00015635	0.00016337	0.00017919	0.00018446	0.00018885
3.76066062	3.75795446	4.19400963	3.70093673	4.02427412	3.61042114	3.77145049	3.88208859
0.00091052	0.0009519	0.00099425	0.00103853	0.00108376	0.00113189	0.00118097	0.00123199
0.01008088	0.01055342	0.01055342	0.01055342	0.01055342	0.01055342	0.01091027	0.0112699
1.39923513	1.53975695	1.57099815	1.42046276	1.54273775	1.61237146	1.61972969	1.60015086
0.00029074	0.00030918	0.00032763	0.00034432	0.00035837	0.00039965	0.00040756	0.00041371
0.0107876	0.01114306	0.01150129	0.0118679	0.01225123	0.01266383	0.01309316	0.01353643
0.00010101	0.00010101	4.3918E-06	5.2702E-06	5.2702E-06	5.2702E-06	5.2702E-06	5.2702E-06
3.2201E-05	3.2201E-05	3.2201E-05	3.2201E-05	3.2201E-05	3.2201E-05	3.3393E-05	3.3393E-05
0.00458466	0.00107445	0.0008					

0.00083674	0.00085079	0.00085079	0.00085079	0.00085079	0.00085079	0.00087265	0.00089502
0.13788377	0.14428054	0.14797869	0.15211759	0.14722649	0.20459114	0.20475782	0.22146885
0.01012564	0.0102097	0.01029376	0.01037781	0.01046187	0.01055024	0.01064076	0.01072913
0.17518219	0.17787173	0.18114999	0.18305294	0.18152122	0.18406622	0.18725927	0.19049769
0.00016085	0.00014894	0.00013702	0.00012362	0.0001117	0.0001117	0.00011021	0.0001117
2.1959E-05	2.3716E-05	2.5472E-05	2.7229E-05	2.8107E-05	2.8986E-05	2.9864E-05	3.0743E-05
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0.00689616	0.00701034	0.00701034	0.00701034	0.00701034	0.00701034	0.00700769	0.00700503
0.03538763	0.0360372	0.03665053	0.03724992	0.03784373	0.03843894	0.03902997	0.03959869
3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05
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0.01026856	0.00904706	0.00942148	0.01030574	0.01029511	0.01091383		
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0.17431879	0.16895629	0.16381365	0.16435848	0.16621498	0.15846188	0.16085999	0.163804
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0.01435885	0.01467387	0.01585035	0.01617792	0.01650131	0.01680937	0.01711185	0.01740876
0.00012685	0.00013103	0.00013103	0.00013103	0.00013103	0.00013103	0.00013521	0.00013939
0.01173967	0.00916921	0.00484351	0.00041425	0.00057357	0.00073821	0.0006612	0.00048063
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0.00129128	0.00129724	0.00130469	0.00131065	0.0013166	0.00132256	0.00132852	0.00133448
0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452	0.0033452
4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	4.7705E-06	5.9631E-06	5.9631E-06
0.01531371	0.0155401	0.0157635	0.01598542	0.01620436	0.01642329	0.01664074	0.0168567
0.01954844	0.02914981	0.03875118	0.04001408	0.04128673	0.04259842	0.04391708	0.0452427
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1.116129	1.12084112	1.24492492	1.33994893	1.39612751	1.41234154	1.44411879	1.4489911
95.6315228	98.6172194	100.837048	101.654705	101.036667	102.58707	106.496299	105.911144
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0.01588128	0.01588125	0.01585252	0.01587862	0.01592935	0.01583706	0.01586819	0.01487778
81.6426425	82.5717277	84.8004538	83.5624524	79.9510878	73.5325976	77.7123891	77.4870712
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1.34955915	1.33668939	1.59355903	1.57771646	1.57536872	1.76723968	2.19931324	2.20094727
7.28425935	7.15277991	6.97965908	7.02379149	7.15727316	7.15528664	6.89722771	7.02730432
2.52001479	2.61674074	2.84194569	2.77484166	2.79978877	2.928776	2.98588678	3.26425083
11.9740233	12.2467373	12.5181762	12.8008356	13.0843923	13.4968271	13.7655477	14.0634036
101.113494	100.879212	100.848832	101.301539	101.277053	99.1481285	103.027053	102.647862
2.17681633	2.13006749	2.02905244	2.12873926	2.11288901	2.09474506	2.1301519	2.09016389
0.02381752	0.02421311	0.02479252	0.02472616	0.0237997	0.02382513	0.02374632	0.02680267
0.0059663	0.00605607	0.00605646	0.00607331	0.00608524	0.00607857	0.00610843	0.00612527
1.56409665	1.54641848	1.60887218	1.57515347	1.53579099	1.52833677	1.50626751	1.48935892
11.5072294	11.9072333	12.2973149	12.4514709	12.5064982	12.4021922	12.5696555	12.4894937
0.2006824	0.20316609	0.22697132	0.19508492	0.19642056	0.20194572	0.20942953	0.20792991
0.00215421	0.00217697	0.00218271	0.00219927	0.00223607	0.00219523	0.00219679	0.00219632
16.915122	17.2541867	17.6980199	17.3543457	17.6023088	17.8636991	18.207078	18.656656
422.484316	420.562456	425.276782	428.771767	437.072699	441.868061	436.628076	434.003507

0.02866725	0.02911101	0.02903392	0.02883225	0.02845323	0.02832735	0.02861903	0.02883001
0.0259033	0.02782442	0.02674504	0.02581021	0.02667366	0.02754304	0.02605898	0.02542021
0.51818216	0.49213949	0.50405391	0.50008774	0.5008786	0.52113678	0.52382931	0.50267216
3.61848131	3.18528958	2.96628079	2.34032891	2.45415005	2.17420693	1.63079199	1.6403248
5.48896935	5.58512938	5.63909695	5.7137894	5.83406277	5.96651007	5.86311531	6.00445697
29.6469594	30.3784003	30.9116098	31.1033138	30.9245383	31.0234127	30.9522505	31.4458201
4.13110676	4.1039753	4.22702247	4.25831753	4.21941314	4.18875626	4.1699769	4.1677182
8.59859035	8.64477956	7.12819065	6.76885474	6.38136669	6.54820601	6.63249957	6.84430878
650.5084	650.238668	651.788043	653.119992	655.104395	655.871171	648.513942	642.318212
2.65064878	2.93984814	3.06944809	3.11502533	3.1610512	3.24250427	3.39038273	3.45518355
6.73514345	7.05927973	7.4511705	7.56423146	8.00197362	7.41265713	7.41386216	7.37701733
5.13305897	4.98359896	5.83035569	6.83545605	6.90931604	7.10359845	7.34262377	7.37123722
0.47618918	0.4764371	0.47652653	0.47929275	0.47866474	0.47797232	0.47670203	0.47543602
0.00394359	0.00394266	0.00394178	0.0039409	0.00385653	0.00379103	0.00372846	0.00376465
50.5826941	48.0062179	47.7668496	45.4103063	44.8595469	46.1052834	49.2552534	52.1719832
0.07148099	0.07144581	0.07160094	0.07141662	0.07155183	0.0718539	0.07208973	0.07233687
0.06752334	0.06870625	0.06976405	0.07089044	0.07208811	0.07307287	0.06411647	0.06379626
3.02303741	2.84825152	2.9120317	2.80436595	2.85600195	3.01375141	3.13728341	3.31771239
9.20176805	9.22113858	9.25055159	9.14350193	8.51825083	8.74488039	8.27484239	8.34698724
0.00377922	0.00372412	0.00372417	0.0038088	0.00394557	0.00407769	0.00406182	0.00409304
0.37142119	0.36278055	0.35189164	0.36170702	0.35556119	0.37459728	0.39420266	0.40782923
4.94996446	4.96546367	5.03008279	5.11038005	5.21391664	5.23827046	5.22603139	5.06472803
38.8241106	39.0086944	39.4585216	39.6563455	39.6261491	39.2997457	38.9879616	37.9359385
0.50410466	0.50802573	0.50802573	0.50994748	0.51167766	0.51377813	0.5158408	0.51741479
0.02672617	0.02720253	0.02708344	0.02708713	0.02704076	0.02698895	0.0269622	0.02694407
6.90345346	6.90774598	6.83952952	6.76239849	6.78816884	6.8122427	6.78273849	6.81312466
7.05065637	7.01931481	7.03730923	7.06643801	7.02679996	7.08569018	7.21471533	7.39127182
7.23923211	7.56330168	7.87305947	8.40609352	8.65287644	8.5604001	8.38337777	8.29587582
12.7572047	12.7582604	12.8489609	11.4883266	10.6530984	10.5599896	10.5850649	9.88464234
21.4407816	22.3672739	21.433233	21.2660403	20.5876743	20.9433822	19.6328167	17.6894443
2.94956007	2.96879217	2.99716891	3.00853567	3.02168666	3.04441977	3.06295592	3.08079604
0.17560498	0.17708094	0.17729629	0.17729719	0.17746716	0.17901654	0.17943761	0.179988
25.5264976	25.0788658	25.164962	25.9383215	27.099868	27.2499009	27.5879148	28.059079
0.8239366	0.84130562	0.8775401	0.92874536	0.94238179	0.86912663	0.87973243	0.87744511
59.991296	61.9816476	63.8362833	65.666822	67.1751213	69.2754035	70.9032828	72.7324324
2.63801428	2.63474466	2.64699379	2.64904403	2.65767672	2.6443062	2.57792176	2.48202644
0.71758017	0.71513376	0.72143656	0.3276044	0.31865658	0.32670961	0.35246241	0.35211961
0.10895102	0.10895998	0.10894234	0.10892974	0.10852628	0.108312	0.10856197	0.10857575
48.1475798	48.0706452	48.1131486	48.2446423	48.6689809	48.4177765	47.6554164	47.1275968
0.01802707	0.01819762	0.01824842	0.01961781	0.01978209	0.01998634	0.02028015	0.02048694
0.09954556	0.1014814	0.10471613	0.10590341	0.10691588	0.10792067	0.10755941	0.10717261
31.8505073	31.8190152	31.9430203	32.3887557	32.5790618	32.9791462	33.2436134	32.8476722
2.37341455	2.65332851	2.73199644	2.7783537	2.32386194	2.35416738	2.28387213	2.17296718
3.63693096	3.72462645	3.93319758	4.0996909	4.28182118	4.4910512	4.72728211	4.64931516
9.99839426	10.5302446	11.0694149	11.5856504	12.1117895	12.4268217	13.1846568	13.7846217
0.13808456	0.13683319	0.13496934	0.1362166	0.13819764	0.13945695	0.13878746	0.13917024
0.63135171	0.67267085	0.72652219	0.77073781	0.84597598	0.75996809	0.70283401	0.59032718
1.12899993	1.20798589	1.30197458	1.12549758	1.22296761	1.26819895	1.23012047	1.26824555
0.01373951	0.01395857	0.01407489	0.01408564	0.01421879	0.01423074	0.0143341	0.01441518
4.86591459	4.83977963	4.69148629	4.61307074	4.5575325	4.5288865	4.57932815	4.26576749
0.01024542	0.01035386	0.01027766	0.01038473	0.01040787	0.01040277	0.0104047	0.01040413

0.00462595	0.00464715	0.00466872	0.00451821	0.00447394	0.00441604	0.00442177	0.00440714
6.00509338	6.14313264	6.22343331	6.55005706	6.71830387	6.8506692	6.92480647	7.0614945
0.03042378	0.03632035	0.03870961	0.04133837	0.04369934	0.04499068	0.04543738	0.04408455
1.33463948	1.3574999	1.52008763	1.68139795	1.72522618	1.40690888	1.57485135	1.51681361
0.01952004	0.01972456	0.01977086	0.0197892	0.01269744	0.01279466	0.01418005	0.01433346
4.84768715	4.96612651	4.99982742	5.00752992	5.02108411	5.03801851	5.05115245	5.07365222
1.47989998	1.53878314	1.52706123	1.62933935	1.68314223	1.6900077	1.70999373	1.60590424
3.08894491	3.1006672	3.10429007	3.11365546	3.13040259	3.23680688	3.20287222	3.43275039
3.20926761	3.18001564	3.33281529	3.3471375	3.42508312	3.48661968	3.5150683	3.59334085
116.854502	118.920955	112.084586	114.958037	115.451635	111.024271	115.043784	117.932196
537.156028	534.390553	538.172745	538.612862	541.015823	546.136793	548.746671	553.01796
15.0554003	15.7257076	15.979426	16.1179392	16.3962971	17.0464778	17.3514523	15.5313093
25.2281657	25.7426372	25.8284444	18.7604338	20.0691236	21.6000279	19.0555209	19.788247
4.97306517	5.11129946	4.76746108	4.79578748	3.55186001	3.7047024	3.87137678	3.60633663
0.31183783	0.30941448	0.29824567	0.31636574	0.3246685	0.321836	0.3167658	0.31260459
1.57019829	1.56477915	1.66082768	1.74248591	1.82786484	1.7813928	1.85019496	1.95805037
21.9642624	22.1330585	21.8185458	21.3958412	21.3914371	21.733715	21.7551428	22.5216955
0.44938453	0.45977579	0.45855096	0.46055545	0.44543896	0.44682338	0.44916383	0.44909955
0.62325401	0.61495638	0.65511346	0.71743407	0.70219962	0.81059606	0.76549198	0.75791632
46.4240529	46.1704682	46.8260629	46.1314386	45.2222913	44.8429561	44.7002634	43.8126813
19.6483877	18.7155545	18.7868928	19.3201395	20.4469282	21.1017386	22.0750978	23.144152
41.0376426	40.1959312	38.6848148	38.5041221	38.9368329	42.3917139	39.1646639	41.6103864
4.54177801	4.63475562	4.78270313	4.95005513	5.03793323	5.16622752	5.2943048	5.44430462
22.4245834	21.9956119	21.7736195	22.0708131	22.0371529	22.4651546	22.9724869	23.2810071
0.00284408	0.00290908	0.00292136	0.00297407	0.00300821	0.00304672	0.00308514	0.00312482
0.01286379	0.00673191	0.00640814	0.00533781	0.00599654	0.00553108	0.00557539	0.00587921
19.0860988	19.4775686	18.9915458	18.5012238	18.8182063	18.8173544	18.8014631	18.910457
0.17503957	0.17282761	0.182112	0.20614713	0.20403365	0.21689115	0.2282099	0.23143941
8.3025243	9.04684189	8.93993068	9.32211126	9.53643638	9.81144453	9.84071317	9.47581361
0.33573539	0.35458633	0.37569752	0.37363376	0.38143077	0.38145485	0.38775091	0.38886319
0.24811382	0.24281423	0.23990117	0.2452128	0.26057959	0.28020278	0.24727087	0.24920026
1.80986161	1.81168016	1.82689212	1.81776031	1.81578796	1.81837135	1.82188437	1.90912113
0.02265602	0.022725	0.02286523	0.0234665	0.02332938	0.02299066	0.02296702	0.02280165
10.3916539	10.2788167	11.0720638	8.57616784	11.0594414	10.2811236	7.72484166	9.79135386
1.00641922	1.02758215	0.95033404	0.93798793	0.91573709	0.8910854	0.99833684	0.88884178
2.47200055	2.48712175	2.4226963	2.37861319	2.45365222	2.39720794	2.31696185	2.17053059
0.47606214	0.46832741	0.48185291	0.49199514	0.50180256	0.51018968	0.51638802	0.49911819
1.14303502	1.15403126	1.18835074	1.23774961	1.27952293	1.26869752	1.24536742	1.19244272
0.00171911	0.00184191	0.00179279	0.00176823	0.00182471	0.00185173	0.00188366	0.00189839
8.27189905	8.2782088	8.51842128	8.71404254	8.73704215	8.84583465	8.8921305	9.08254197
1.20803578	1.07279856	1.10182086	1.11239746	1.11800666	1.10165079	1.12985438	1.09869484
15.3897722	15.7707591	14.7251617	15.8172629	15.503368	16.1114798	16.0583206	15.4079211
5.684E-06	5.8611E-06	5.5858E-06	5.6812E-06	5.7307E-06	5.7089E-06	5.5471E-06	5.6466E-06
77.5079353	76.2056482	77.6046733	78.9758457	80.4597419	81.2649886	82.3090596	83.4344749
0.88235968	0.84875995	0.83605711	0.85223	0.86302627	0.87418931	0.86842234	0.86061068
17.1287834	17.8027758	18.4322066	19.0928744	19.9584576	21.4299934	22.4200605	23.8431106
0.05220605	0.05384134	0.05351105	0.05394238	0.05571631	0.05447955	0.05257195	0.05297276
77.4311084	75.4859011	76.4459838	77.3469683	78.4939227	79.7690929	82.6157646	64.8506988
9.29929465	10.3794955	11.547453	13.3356669	14.5132939	15.8487184	17.0490828	17.1126037
3.12749228	3.79380894	4.07755775	4.15422942	3.5373565	3.8812192	3.81513765	4.46198918
5.9833133	6.15183078	6.32348698	6.56302911	6.7085642	6.70005701	6.72414997	6.75704825

0.03061078	0.02962393	0.02668738	0.02758544	0.02620445	0.02690713	0.02677614	0.02406831
0.03282518	0.03357941	0.03297634	0.0324744	0.03230392	0.0295572	0.02783941	0.02693451
2.38556931	2.53650038	2.72541568	2.90180716	3.10069311	3.26331881	3.44075931	3.8474989
6.64849945	6.61106138	6.57780988	6.20838476	6.60605544	6.58139807	6.53830596	6.59348683
4.17297698	4.97846742	4.49221694	4.88798436	4.78222633	5.36068504	5.03825907	4.83251485
0.14908342	0.13867474	0.15115204	0.15298779	0.14907921	0.14340181	0.13965224	0.13709311
15.1437137	15.78549	16.5209547	17.2493169	17.9557865	18.8117147	19.7038852	20.6590956
43.3031329	46.1167574	47.0322102	48.4737865	49.2902741	53.2328858	55.06388	54.405557
7.06855783	7.394461	7.65164517	8.0050989	8.36625984	8.37372105	8.30632705	8.46675247
12.9385275	12.791816	12.9904379	13.3953509	14.0269206	14.1310733	13.3964045	12.5409508
2.73343139	2.74835101	2.739127	2.72824068	2.77456597	2.81523302	2.83226546	2.81332613
26.3691418	25.9566115	26.6612808	26.1919875	25.7758514	27.2048188	26.7455186	27.1814034
33.167079	33.875075	33.2043581	33.6497754	32.7199674	32.8873725	32.5093111	32.3312238
0.85671888	0.87274584	1.09737591	1.11354613	1.13599461	1.15831631	1.18083701	1.20426488
144.495255	146.066341	154.281118	159.408808	162.399917	166.673891	172.881822	176.764406
3.51271168	3.45628173	3.48309443	3.27084754	3.15130629	3.17530106	3.12665278	3.19246696
14.7290974	14.8409676	14.8566197	14.7715333	14.8480363	14.8481124	14.9386352	15.1000002
47.9018673	48.7094731	49.0334299	48.9504114	48.4010492	47.8267294	49.7770869	49.7098385
0.43074505	0.43925036	0.43090857	0.4309543	0.43170094	0.43267085	0.43409489	0.43564722
18.8010248	18.3909921	18.531994	18.9747236	19.2096249	19.0664032	19.6685851	19.8485639
0.57648873	0.5355923	0.53468628	0.52257165	0.51282029	0.50453271	0.49435372	0.48335069
5.58785834	5.58807808	5.42901795	5.25706979	4.86614521	4.91667028	4.96130897	4.92420412
4.69834509	4.70035217	4.62849151	4.8069514	4.9960695	5.02762388	5.16504719	5.14499643
23.3718926	24.5309045	24.4905795	26.106657	25.36959	24.7745417	24.7023566	24.1515808
0.02588846	0.02622859	0.02633919	0.02627089	0.02621705	0.02633677	0.02644647	0.02644446
0.16691834	0.18382195	0.21336913	0.16820719	0.28161716	0.33891018	0.37346153	0.43284551
0.06494767	0.06810103	0.06484739	0.07173157	0.07407315	0.07525246	0.0761034	0.08044983
9.48466251	9.30891198	9.41126879	9.50900707	9.48337451	9.59637726	9.48819253	9.26678046
65.2867883	66.1836201	66.7134848	66.385309	66.2756915	65.2117457	64.5695015	64.0045616
1.71511481	1.68143214	1.69909114	1.70015982	1.96490699	1.83863528	1.84099945	1.90420915
3.42468115	3.49096653	3.94017709	3.84240459	3.91164347	3.94838908	3.98631648	3.89196228
3.81611067	3.79096912	3.80999506	3.91498363	3.90203882	3.77886563	3.75762328	3.69766082
60.201565	62.3666333	62.4145267	62.4962747	62.5586668	62.7927148	63.1538658	65.166945
6.10102526	6.44129483	6.69612053	6.97053404	7.70521179	8.01732381	8.26106824	8.4472271
0.00875497	0.0092512	0.00925624	0.00926128	0.00930723	0.00948756	0.0096498	0.00980965
0.00138168	0.00138168	0.00138168	0.001382	0.00136233	0.00133716	0.00134184	0.00133985
0.05349546	0.05448033	0.05546401	0.05621141	0.05654467	0.05640067	0.05671822	0.0565729
2.27859822	2.57470216	2.53497757	2.69730948	2.34543802	2.64476113	2.64731998	3.50396804
1.87476916	2.04147076	1.67611438	1.9695951	1.92242765	1.77262142	1.70636362	1.55358177
17.4997021	17.6652482	17.6744285	17.7756278	17.8152357	17.798886	17.7289042	17.7981595
0.00019951	0.00019951	0.00020076	0.00019951	0.0002027	0.00020938	0.00020557	0.00020352
0.00561019	0.00592799	0.00637847	0.00666409	0.00660592	0.00691569	0.00744188	0.00722438
0.57883582	0.53633886	0.58008673	0.60045567	0.5791346	0.60547051	0.57716973	0.54815029
1.73142763	1.70239859	1.73470261	1.70361003	1.70050952	1.67459934	1.620372	1.60813123
1.56999418	1.54708783	1.54482151	1.54428122	1.56300896	1.61317971	1.62383194	1.58397627
4.15696335	4.1274092	4.12487717	4.11631868	4.0248596	4.02775783	4.04534921	4.00831932
0.91316146	0.92245503	0.91401814	0.91327424	0.90541036	0.8939996	0.89211932	0.88885176
0.00161327	0.00161719	0.00172667	0.00173567	0.00170766	0.00170304	0.00171452	0.00179347
4.89368759	4.89321014	4.86043446	4.78368693	4.60527631	4.39922032	3.74209371	3.64911196
32.5558478	34.5140927	36.728278	38.7241155	41.9521706	44.402583	47.0563476	49.7929175

1.13489448	1.53753409	1.5850649	1.45223221	1.49350739	1.5559239	1.62183178	1.68404369
86.9487867	85.9998468	83.2395093	75.9102944	69.5786226	75.9441205	76.0144337	75.7491246
5.18774487	5.56302585	5.84548309	6.00335896	6.31343288	6.51791117	6.62799943	6.66407674
9.07125716	9.65809471	9.54720914	9.65839491	9.77383296	9.90395711	9.99753929	10.0539369
0.71086315	0.77014287	0.69291625	0.69945854	0.74393271	0.72049383	0.73859299	0.70480918
0.05617504	0.05692023	0.05721111	0.05760327	0.05800752	0.05834211	0.05860651	0.05875508
0.0828975	0.08458783	0.08864848	0.08900776	0.08922152	0.08376807	0.0829832	0.08047061
2.719989	2.67750881	2.67254731	2.71452276	2.67577903	2.60561186	2.60194089	2.54176464
30.7276356	33.787392	37.1999586	38.823349	39.3342332	39.1473223	39.6325919	45.8244758
3.04236304	3.09704764	3.11165893	3.09521574	2.92056124	3.06240007	3.05493072	3.03659478
26.6888594	26.9394504	29.0011375	30.4552221	31.6648878	32.3310443	32.1667082	32.5048885
16.1258274	16.5630224	16.8387084	17.4140454	17.8855834	18.4228898	18.2773954	18.7489032
15.9309143	15.5360053	16.2294363	15.7712086	14.4282815	13.9562193	13.6559476	13.2049906
24.549887	23.5052678	23.2424964	23.3500976	22.8758157	22.9745582	22.5947301	22.061416
244.51156	243.988995	243.277663	245.174382	248.599407	256.273687	258.229746	262.256973
24.1969518	26.0070009	27.006334	28.1772772	29.2895506	31.8618338	32.6683632	33.3784914
0.0140093	0.01299526	0.01116431	0.01032146	0.00981485	0.00937522	0.00898265	0.0086329
27.9669842	32.7060457	32.5649403	32.2026388	32.0266993	31.2945617	30.6600404	30.350469
0.00647597	0.00648269	0.00648941	0.00649613	0.00650285	0.00650285	0.00650285	0.00650285
76.5195625	76.7052406	77.6512781	77.2931552	77.9287646	77.6314016	77.4623534	76.777847
0.34675719	0.34557417	0.34271085	0.34186026	0.29836963	0.23513955	0.20801982	0.2094284
0.13491477	0.1384253	0.14082425	0.14117839	0.15073537	0.13503841	0.12573439	0.11177288
5.01101078	5.06587689	5.14699954	5.22754951	5.14935283	4.99176624	4.96458588	4.70493298
28.3557576	28.8538274	28.6946382	28.8150769	28.4023921	27.7284981	27.1956115	26.7906011
3.47881935	5.02909693	5.15999407	5.26677308	5.03749559	4.88985202	5.01107889	5.03451275
9.18518275	9.28083694	9.36149126	7.43941562	8.26162711	8.24640424	8.16846053	8.20392933
0.00040794	0.00047975	0.00047798	0.00051304	0.00049139	0.00057992	0.00054226	0.00055111
0.1439472	0.14679252	0.16683524	0.16981078	0.17348074	0.1761447	0.17918615	0.18272372
1.45300838	1.4837994	1.51392869	1.53956591	1.5639255	1.58845119	1.61370871	1.63786883
5.8473E-08	5.8473E-08	6.2781E-08	6.2681E-08	6.2927E-08	6.4005E-08	6.5082E-08	6.3259E-08
0.07092032	0.07034021	0.06870118	0.06606391	0.06975244	0.06079317	0.05611133	0.0543282
0.00054446	0.00038769	0.00039432	0.00040094	0.00040756	0.00041418	0.00041418	0.00041216
0.01236281	0.01191221	0.01246153	0.01230229	0.01232847	0.01226194	0.01211722	0.01154553
0.20547215	0.19244181	0.21161182	0.20831944	0.21145901	0.20419982	0.19646665	0.19628945
0.00809847	0.00907632	0.00870018	0.01707016	0.04767032	0.06595029	0.07113524	0.05978559
3.6033E-05	4.3419E-05	5.687E-05	6.616E-05	6.6669E-05	8.6769E-05	6.8157E-05	7.7925E-05
0.49135438	0.49249901	0.4935541	0.48609047	0.47129278	0.46437739	0.4619514	0.45708755
0.70517269	0.7366743	0.75816204	0.66703727	0.70912889	0.72277446	0.7397327	0.68289817
0.05102862	0.04926425	0.04776862	0.0451445	0.04312592	0.02933334	0.0291713	0.03074317
1.02290498	0.98621911	0.97126692	0.93539415	0.8932831	0.85748114	0.82002683	0.78327402
0.26338852	0.2935656	0.34181938	0.25488175	0.29566578	0.32469896	0.31051384	0.3003611
0.47690717	0.49057389	0.54394096	0.55892712	0.57428648	0.59499395	0.60701428	0.62996497
1.4944358	1.46608276	1.41838082	1.3900762	1.34766166	1.31150531	1.27150885	1.23185428
3.81423037	3.81362409	3.80773729	3.7912913	3.76576252	3.72442463	3.68005131	3.60429291
0.35521024	0.37013697	0.34563876	0.31221197	0.31212011	0.32798366	0.35100017	0.34053791
0.00063206	0.00065192	0.0007152	0.00068601	0.00076156	0.00068331	0.00050541	0.00063542
0.00389669	0.00394804	0.0039559	0.00333192	0.00370295	0.0034527	0.00343663	0.00348204
0.13154374	0.12489496	0.11649997	0.15383068	0.18975288	0.19533736	0.17206397	0.41777602
0.38275245	0.36795688	0.33941548	0.28928967	0.25039983	0.24891209	0.27619391	0.27806725
0.01240618	0.01234344	0.01230686	0.00951254	0.00955794	0.00977268	0.00978456	0.00965122
2.6005E-05	3.4062E-05	4.1834E-05	6.151E-05	5.0809E-05	8.363E-05	6.7387E-05	7.9668E-05

0.0459055	0.03920375	0.04335765	0.04978143	0.04069447	0.04091737	0.03843427	0.03912515
3.3927486	3.37245343	3.17506457	3.3394932	3.46312556	3.28580719	3.60967432	3.8524985
0.00071736	0.00073839	0.00075704	0.00067167	0.00066288	0.00071319	0.00067591	0.0006877
0.00033674	0.00041408	0.00059119	0.00067145	0.00047964	0.00043863	0.00060543	0.00074451
0.36323219	0.36664193	0.41981288	0.43046235	0.42922534	0.43121582	0.43370127	0.44409952
0.16233436	0.16170428	0.16108908	0.16072553	0.15988923	0.15929121	0.15882278	0.15834014
0.24690721	0.23978282	0.23013753	0.22361509	0.21437175	0.20724184	0.19943243	0.19194242
1.03470459	0.99113171	1.09325524	1.13061766	1.11031357	1.06455267	1.08781709	1.05822962
0.24158077	0.2695302	0.28848261	0.24326404	0.26041796	0.27769823	0.27278136	0.25808065
1.18089651	1.29393461	1.30642117	0.65420197	0.60938309	0.63541003	0.64450606	0.67945692
64.8630143	62.7028485	60.4711539	59.5024713	59.5181024	57.2879821	55.771538	50.9055483
1.62241846	1.67055999	1.7157154	1.76126033	1.37372669	1.35708816	1.42269897	1.26732722
1.55346334	1.61993834	1.68651311	1.75321039	1.82715878	1.88263847	1.93677827	1.99112429
5.13490941	4.04152117	4.673816	5.41970225	5.6104954	5.80603178	6.78638678	5.86094987
0.35842563	0.37721647	0.38657779	0.39588673	0.39405661	0.40746784	0.42143962	0.42740466
2.0413E-05	2.2644E-05	3.0255E-05	3.5711E-05	3.5941E-05	3.9823E-05	3.9522E-05	3.8552E-05
0.80886221	0.83682042	1.27906224	1.2526069	1.20447604	1.16790601	0.95426407	0.96223392
0.03595644	0.0358238	0.03530712	0.03520744	0.03455418	0.03412125	0.03352374	0.03294483
0.02049504	0.01971767	0.01873127	0.01804997	0.01721441	0.01652048	0.01578486	0.01505621
0.07485425	0.06719238	0.06490999	0.05587739	0.05388408	0.03072242	0.02766919	0.02601365
0.05414751	0.0587742	0.04891384	0.04490621	0.04385654	0.03796171	0.04128341	0.03886796
4.4976E-05	4.1863E-05	4.9813E-05	5.7062E-05	5.9273E-05	7.5088E-05	7.0677E-05	7.3113E-05
0.00610768	0.00675358	0.0061053	0.00509494	0.00785454	0.00801514	0.00953167	0.00936092
0.90417006	0.94572217	0.98448071	0.94371856	0.9564675	0.96098682	0.97757616	0.98302651
3.17596448	3.59629068	3.75141708	3.01972342	3.10455859	2.9245272	2.96823322	3.12526425
0.04694597	0.04633032	0.04515447	0.03623367	0.03509001	0.03403008	0.03427244	0.03923685
0.0008378	0.00084636	0.00082091	0.00065668	0.00065761	0.00067988	0.00068149	0.00067018
0.3500042	0.33797376	0.35256763	0.34155441	0.38549768	0.40607185	0.3887776	0.3709775
0.16636398	0.1643353	0.16450176	0.16734319	0.17011124	0.17267765	0.17303031	0.17597814
0.04990851	0.05265726	0.06037282	0.05422056	0.05905606	0.06039475	0.06592479	0.08024336
0.11517731	0.11083306	0.10674034	0.10517124	0.09602101	0.0932532	0.0922015	0.08882399
0.46553651	0.46535137	0.45408017	0.45827669	0.46286629	0.46697124	0.47437202	0.47425172
0.15540889	0.15597345	0.15822155	0.16259286	0.1651049	0.17029433	0.1799481	0.18195746
0.00013189	0.00013935	0.00012865	0.00011859	0.00011251	9.2403E-05	8.2591E-05	8.6831E-05
1.04854696	1.05987516	1.04973687	1.04743309	1.03776024	0.7995807	0.83429231	0.84737055
0.14137713	0.14625743	0.14148338	0.13982707	0.13542095	0.1429542	0.1449976	0.14537453
11.5321071	11.8421221	12.1533425	12.4886519	12.7769616	13.0876257	13.3941027	13.6278631
0.53019653	0.58399396	0.55854596	0.55894098	0.52595342	0.57450316	0.56287166	0.55462581
0.00316716	0.00340029	0.00388653	0.00398869	0.00405475	0.0040696	0.00406963	0.00408426
0.00012681	0.00013667	0.00013664	0.00013224	0.00012651	0.00014239	0.00014491	0.00014931
2.36957713	2.73326062	3.01381927	2.4866539	2.61070853	2.77245312	2.6804387	2.58938963
1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06	1.652E-06
0.35722092	0.36992983	0.3831011	0.39612871	0.40849061	0.40511203	0.39954731	0.39447613
0.66604692	0.71897991	0.77689377	0.74539761	0.69395563	0.73614124	0.76696881	0.79675264
0.11473198	0.11731563	0.17384044	0.16830886	0.14502343	0.14156465	0.13414464	0.10117375
0.63499088	0.61645615	0.62905064	0.68172453	0.68028263	0.6791667	0.76264888	0.74912442
3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07	3.304E-07
1.35255116	1.31253091	1.25695118	1.21851301	1.17015028	1.12781721	1.08294902	1.03901331
0.00182968	0.00183152	0.00183309	0.00183493	0.0018365	0.00183755	0.0018386	0.00183965
0.08556742	0.08419717	0.08200531	0.08044343	0.07816968	0.07655561	0.07352241	0.07170783
0.29493047	0.28884116	0.27906804	0.2728812	0.26439746	0.25695458	0.24876279	0.24055486

0.03426349	0.03418574	0.03403	0.03395439	0.03379206	0.03387389	0.03387764	0.03359354
0.29528141	0.35361989	0.30432817	0.29409735	0.31403844	0.27497621	0.27859832	0.26922525
1.5611E-05	1.8234E-05	2.6446E-05	2.6028E-05	2.6805E-05	3.534E-05	3.1304E-05	3.4444E-05
0.00057917	0.00063238	0.00064577	0.00058578	0.00056717	0.00060218	0.00061578	0.00061608
1.90923742	1.95381765	2.00690481	2.04913669	2.08769969	2.22463381	2.35990459	2.40580435
0.01174214	0.01217331	0.01262107	0.01308584	0.01356783	0.01384432	0.01412684	0.01441521
0.01336503	0.01239962	0.01100053	0.01089038	0.01055905	0.00917937	0.00886342	0.00931672
0.00610889	0.00571615	0.00483223	0.00635076	0.00559088	0.00497671	0.00498679	0.00539901
0.61005345	0.62263124	0.63521138	0.64802301	0.71572921	0.68358497	0.46880271	0.51651367
0.41676849	0.41541557	0.41313743	0.36393151	0.41673875	0.40551857	0.39316168	0.37523624
0.70239569	0.72395486	0.72527928	0.71524847	0.73698182	0.74757475	0.7562921	0.76751277
0.74584066	0.79399379	0.8061216	0.65494055	0.69850739	0.69342302	0.6665044	0.55274341
14.0097898	13.1275288	12.1559181	11.5504533	10.1406925	9.39381734	8.45497088	7.18010979
37.8304996	38.824013	38.3447171	38.6287903	38.4775346	38.5245642	38.5615649	38.5991221
0.19705791	0.19330247	0.20417945	0.19344672	0.1980909	0.20068637	0.17165556	0.18146373
0.53602961	0.51068257	0.53428624	0.52977797	0.53364552	0.55603982	0.53486541	0.52348567
0.04015437	0.04310834	0.04239075	0.03206716	0.02791378	0.03027858	0.03319118	0.03438348
0.00147245	0.00144231	0.00170271	0.00160253	0.00177529	0.00144719	0.00142954	0.00148427
0.02038092	0.01802015	0.00853884	0.00946665	0.01058264	0.01043459	0.01049334	0.01190829
1.79850245	2.51367804	2.51522765	2.16793234	2.43619728	2.36470621	2.57152588	2.39235628
0.03537289	0.03552358	0.03539243	0.0334994	0.03366194	0.03366286	0.03364057	0.03380471
0.0069395	0.0067293	0.00533446	0.00626522	0.00677413	0.02075022	0.02635532	0.02858314
1.15010438	1.16658324	1.19281324	1.13934295	1.12869685	1.12327786	1.16032751	1.13014682
0.92784025	1.11083053	0.78014858	1.05471211	1.0258844	1.16143211	1.43873749	1.44382196
2.81728194	2.88025714	2.94240559	3.00445172	3.0659774	3.12478105	3.18333592	3.23808911
0.11744741	0.13479414	0.13395698	0.1355451	0.09866584	0.0954332	0.13940443	0.1747795
0.68478178	0.68726573	0.68980556	0.69182733	0.69345963	0.69341607	0.69107383	0.6850656
0.00029391	0.00029826	0.00033886	0.00034644	0.00035478	0.00036269	0.00036934	0.00037358
1.369E-05	1.5858E-05	1.9777E-05	2.2602E-05	2.798E-05	3.6149E-05	3.0523E-05	3.3551E-05
0.61714297	0.61959684	0.65742984	0.74137626	0.82545784	0.5660395	0.56894968	0.55688828
0.00144781	0.00150913	0.00138919	0.00179782	0.00178286	0.00230014	0.00252254	0.00296549
0.48415483	0.47144161	0.46129036	0.46682222	0.47222807	0.46783728	0.46935962	0.4645929
0.0461676	0.04700522	0.04571531	0.04663482	0.04424134	0.04515196	0.04526393	0.05025988
0.8212167	0.82091208	0.80972708	0.80836339	0.7991076	0.79248624	0.7827986	0.77245641
0.08014093	0.08107219	0.08130794	0.08160245	0.08131248	0.0824117	0.08366575	0.08459598
0.00112373	0.0011429	0.00114192	0.00095666	0.00093884	0.00097217	0.00095846	0.00092435
0.97746223	0.92613627	0.89225991	0.87598797	0.8221908	0.76688238	0.71880203	0.69212365
0.30316227	0.29474484	0.28364459	0.27559805	0.26552714	0.25664817	0.24734196	0.23817849
0.2381786	0.23868981	0.23313774	0.21805618	0.20736213	0.20753978	0.20479952	0.2093326
0.00749737	0.00893075	0.00986176	0.01036827	0.01120967	0.01246688	0.01169549	0.01199692
0.2569741	0.27625527	0.24675449	0.23898277	0.19995622	0.19689634	0.22107567	0.22350097
0.00145475	0.00129516	0.00148201	0.00154206	0.00190376	0.0019369	0.00182205	0.00169273
0.48325001	0.46721755	0.45649416	0.45142473	0.45168217	0.44618833	0.44100226	0.42876232
0.20606492	0.22198799	0.22572522	0.23379151	0.23770734	0.25150389	0.28337949	0.27817819
1.08658931	1.1068968	1.12520318	1.14708863	1.16796911	1.5260554	1.58053783	1.60702073
0.00157888	0.00167602	0.00198838	0.00224709	0.00214293	0.00223319	0.00226964	0.00239709
2.23534267	2.22560632	2.21160363	2.20120454	2.19097515	2.17816306	2.16717736	2.15545503
0.07171867	0.07927162	0.07799141	0.08160915	0.07992114	0.0679818	0.07907762	0.06659106
0.6037843	0.58904404	0.57182134	0.55728431	0.55437503	0.5387001	0.52788034	0.50934377
0.0005549	0.000749	0.00074031	0.00086259	0.00093732	0.00087688	0.00097572	0.00088335
3.46404407	3.4889413	3.50943123	3.53176481	3.55130811	3.5764479	3.58485344	3.59741791



0.2457612	0.23128206	0.27516639	0.22274121	0.18174923	0.28314981	0.22316407	0.2926067
1.36838202	1.39904551	1.43042531	1.46186306	1.49354463	1.52498363	1.55613256	1.58720992
0.23344855	0.23144081	0.22662102	0.22480429	0.21977721	0.21598874	0.21155242	0.20695313
0.00140909	0.00140856	0.00140804	0.00140751	0.00140725	0.00140673	0.0014062	0.00140568
0.00257716	0.00252952	0.00246716	0.00236103	0.00225667	0.00225489	0.00231646	0.0022774
0.67801214	0.66596562	0.64562052	0.63187154	0.61280649	0.59731008	0.5803003	0.5652184
0.05514845	0.04573379	0.03741202	0.02732353	0.01634364	0.01303295	0.02155134	0.01518109
0.05982878	0.05551845	0.05536702	0.05563962	0.05599071	0.05630879	0.05625664	0.05640222
0.00146301	0.00152585	0.00190751	0.00216468	0.00217987	0.00225854	0.00212924	0.00217477
0.47751878	0.52135874	0.6982614	0.72589661	0.75457014	0.77969415	0.81158907	0.84899353
30.9065307	32.2329327	32.8298155	33.7864476	34.3882026	34.9490546	35.5473682	36.1543374
0.35090585	0.35399367	0.35419968	0.35641008	0.35787099	0.36128603	0.3638603	0.36503323
0.27128435	0.27606678	0.28066779	0.26084509	0.26594396	0.26397242	0.28412668	0.29398257
0.23785577	0.24725683	0.19848388	0.17142042	0.18115691	0.17554411	0.18683005	0.18388357
3.23887302	2.76005998	3.09061476	3.10420957	3.14599014	3.17761778	3.22851009	3.27253369
0.09104725	0.1016168	0.09884918	0.08791748	0.08759574	0.08286463	0.09386396	0.08853115
0.02723266	0.03395949	0.03666898	0.03726202	0.04038143	0.04212156	0.03995131	0.04982065
9.59412786	9.79966853	10.0001045	10.2081796	10.4201771	10.6377982	10.8558637	11.079079
0.06191886	0.06169258	0.06164651	0.06188722	0.06121971	0.06104064	0.0607675	0.06078343
0.923998	0.91273321	0.87095624	0.88026485	0.83472954	0.85413997	0.7542058	0.74559663
1.94410026	1.9787845	2.03071561	2.06156116	2.05104203	2.01779549	2.02746365	2.03113821
0.00064879	0.00067539	0.00029051	0.00025506	0.00024639	0.00023335	0.00024385	0.00025091
0.41068584	0.41010163	0.46478772	0.46436877	0.46359559	0.46303948	0.46245164	0.46121835
4.05408947	4.1840734	4.0869852	3.74106108	3.70107091	3.89958558	3.87167471	4.77840668
0.00189133	0.00178242	0.0017228	0.00147782	0.0014445	0.00138106	0.00198977	0.00212826
1.0079254	0.97990908	0.75176565	0.82139111	0.62900451	0.6388627	1.25276325	1.12029276
0.26493695	0.28851041	0.28904893	0.28807674	0.28667891	0.28501041	0.28667028	0.28477209
0.32792106	0.3176301	0.28114684	0.29122022	0.28701659	0.41942962	0.42784296	0.40599784
0.00064609	0.00065273	0.00077854	0.00080527	0.00085328	0.00087786	0.00084633	0.00086698
0.0043114	0.00190291	0.00195944	0.00246621	0.00262746	0.00311259	0.00343024	0.00270225
0.01451404	0.01449711	0.01448029	0.0144637	0.01444738	0.01440565	0.01436429	0.01432317
1.16460046	1.21464231	1.16111417	1.16695071	1.13319133	1.13933674	1.1544997	1.14537486
1.66673644	1.67266038	1.46135806	1.61705573	1.88699241	1.91278407	1.7693934	1.96369648
0.72717159	0.7507361	0.76600809	0.77042701	0.77399669	0.77642963	0.78680358	0.80905608
0.01473339	0.01369038	0.01298429	0.01283495	0.01434219	0.01492175	0.01532676	0.01587394
0.57195839	0.57537998	0.51775836	0.52686729	0.52595205	0.58388089	0.57220586	0.56293459
1.92115208	1.97840673	1.98989547	2.00279328	2.01962677	2.03157035	2.05383957	2.12067075
0.39510303	0.40578973	0.32289575	0.3702406	0.36111607	0.35433154	0.29423506	0.29719462
0.00147109	0.00146964	0.00152212	0.00141968	0.00144369	0.00144682	0.00141763	0.00142267
1.9707E-08	1.9707E-08	2.4046E-08	2.4005E-08	2.4195E-08	2.5269E-08	2.6343E-08	2.7717E-08
0.00986971	0.00993998	0.0113409	0.01142098	0.0114832	0.01150413	0.01151807	0.01153279
0.66854858	0.65261582	0.62953518	0.61490067	0.59358839	0.57646683	0.55760683	0.53937413
0.11209874	0.11924042	0.10841918	0.08222236	0.07046832	0.06850677	0.0736324	0.06571436
1.64858147	1.60678204	1.56848147	1.52657311	1.49502749	1.47900079	1.45694506	1.43499824
6.21E-05	6.229E-05	6.3722E-05	5.1464E-05	5.1854E-05	5.5146E-05	5.3169E-05	5.4451E-05
0.01314992	0.0119942	0.01169373	0.01153702	0.0116785	0.01131915	0.01091871	0.01053014
0.00908403	0.00985724	0.01020324	0.00989292	0.00988374	0.00915523	0.00908289	0.0089803
0.05140033	0.04733838	0.04045186	0.03391668	0.03122492	0.03858574	0.04464336	0.04707368
0.19766725	0.19179703	0.1977814	0.1630936	0.18447041	0.18598517	0.17532006	0.1557039
0.461262	0.47296759	0.39531812	0.37700077	0.37787472	0.38838626	0.39267927	0.3435183
0.10096549	0.10286766	0.11228624	0.11296311	0.12140039	0.12578814	0.09686889	0.09773474

0.00060393	0.00061264	0.00054653	0.00058254	0.00054609	0.0005698	0.00054666	0.00049307
0.01699643	0.01379853	0.00895905	0.00836619	0.00790457	0.00715678	0.00711798	0.00887536
0.00021305	0.00018307	0.00018777	0.00018142	0.00017627	0.00019511	0.00019068	0.00019122
0.84057817	0.82664495	0.80262934	0.78875787	0.76652294	0.74805908	0.72721316	0.70645235
0.41490716	0.4268998	0.43711108	0.44794893	0.4563298	0.4695424	0.44757773	0.47599097
1.92959563	1.8862493	1.92443738	2.00929721	1.91026125	1.25296306	1.22835586	1.19341914
0.04062051	0.07528776	0.08431973	0.12182716	0.13938739	0.10779268	0.07602778	0.07377882
0.07918282	0.07944475	0.07453075	0.07237567	0.07359355	0.07303761	0.0734527	0.07333969
0.00856776	0.00821689	0.00898414	0.00863712	0.00826858	0.00792807	0.00756157	0.00721855
0.00022818	0.00022955	0.00025786	0.00026516	0.00027027	0.00027466	0.00028058	0.00027037
0.00505852	0.0049132	0.00504708	0.00498891	0.00498015	0.00484327	0.00476942	0.00470341
0.30751954	0.30707456	0.30698354	0.30631135	0.30599175	0.3068788	0.30496512	0.30610624
2.43964497	2.42366519	2.04244384	1.87182649	1.81173146	1.76561456	1.67017345	1.2826994
0.08139106	0.08071304	0.08123614	0.0809277	0.08273025	0.08082459	0.07872534	0.08007678
4.7565346	4.62287337	4.81593411	4.74869031	4.87167865	4.95877549	5.00792241	5.07796632
2.7432183	2.84166452	2.98809226	3.09314784	3.2325198	3.33157259	3.42968871	3.50645736
0.69768923	0.69188063	0.69388075	0.56520604	0.57701895	0.74032537	0.76886313	0.82263603
0.12524098	0.12533249	0.12510977	0.12495012	0.12489401	0.12526963	0.12514785	0.12509663
9.10301944	7.9242314	9.48980037	9.87041191	8.38589643	7.36820258	6.96464087	8.4511763
0.20669136	0.19428707	0.36086415	0.27574404	0.20736461	0.30760745	0.25840693	0.27233574
0.0008866	0.00090379	0.00088168	0.00075012	0.00072544	0.00076019	0.00075085	0.00073201
0.12974295	0.12498448	0.12093497	0.11617841	0.1141172	0.10345138	0.09938485	0.09538309
0.00019005	0.00020448	0.0001532	0.00012395	0.00012733	0.00013601	0.00013385	0.00014063
4.3350263	4.3194976	4.36461867	4.34568698	2.09176931	1.8537306	1.70283525	1.54332345
0.00686086	0.0068475	0.00775499	0.00775922	0.00774371	0.00773318	0.00772828	0.00772829
0.00531821	0.00531031	0.00602073	0.0060286	0.0060378	0.0060448	0.00602933	0.00601102
0.01660936	0.01639912	0.01985383	0.02098783	0.01684824	0.01555906	0.01581717	0.01869371
2.26191871	2.78015112	2.76984353	2.75296797	2.53162611	2.33601474	3.22818478	2.54022156
1.48041384	1.51668658	1.55406899	1.59035648	1.62709483	1.66349015	1.70031635	1.73629777
2.33900115	2.3430571	2.35954813	2.41732938	2.4743686	2.52915544	2.59018292	2.64433466
0.02611539	0.00485587	0.00162884	0.00206533	0.00196149	0.00202628	0.00207226	0.00210458
1.19738918	1.08508639	1.14935622	1.26179808	1.18115821	1.35584451	1.61046643	1.74540496
30.7013485	31.2786412	31.4902774	30.762009	32.5700182	31.2496842	29.2189717	26.9095165
0.1669388	0.18057758	0.20295454	0.2262056	0.24118684	0.20643969	0.24277747	0.29890657
0.07182208	0.07458125	0.07618846	0.0818045	0.07839853	0.07026001	0.03819599	0.02818999
22.4355545	23.609965	24.6708862	24.0474874	26.2865805	27.1587487	25.7452632	25.7390622
10.8459986	10.9269783	10.7771171	10.8493336	10.9888286	10.8589994	10.6628563	10.846021
0.33822887	0.33958072	0.34009837	0.34092238	0.34173063	0.34240963	0.33805452	0.33871392
4.4177E-05	1.0706E-05						
49.1989414	51.2241643	51.5442782	52.3798341	55.3077723	55.6631153	56.4295296	57.4372904
0.76514855	0.77922244	0.75556981	0.77016323	0.76384252	0.75184874	0.74694212	0.77673935
4.95436057	4.95477164	5.01281572	4.96703413	4.92583425	4.79017967	4.56176483	4.6372413
0.15957303	0.15986977	0.71823226	0.70746785	0.68246669	0.68257637	0.67390939	0.67231723
2.48020644	2.5038029	2.5360924	2.54432974	2.5307147	2.54244065	2.5628661	2.58213747
1.12447026	1.15025022	1.30779185	1.34502909	1.38226633	1.41091051	1.46053914	1.49174656
1.60276485	1.65062075	1.70025602	1.7541826	1.73948092	1.78312994	1.80437452	1.8449862
2.10862945	2.23529166	2.37168726	2.43998542	2.46429723	2.75858187	2.81693182	2.71035017
1.25942022	1.13967603	1.01716372	1.06379735	1.17641199	1.06527741	1.1551439	1.05874973
17.7567647	20.3275925	22.9170253	23.5337772	23.4194543	23.527837	22.9135749	22.711889
0.00982348	0.00970907	0.0096767	0.01140019	0.01050799	0.01046451	0.01028891	0.01006504
2.20899047	2.12179032	2.06027563	2.96558805	3.04317875	3.3396679	3.39913372	3.41404594

2.33633722	2.32000885	2.30588551	2.30587669	2.31727944	2.28094642	2.27642082	2.30341021
0.06562265	0.03618069	0.02258172	0.02330285	0.0207223	0.0194024	0.01522827	0.01354652
3.1883E-05	8.3987E-06						
2.69355981	3.00568994	3.35119673	3.5156306	3.46547204	3.34937928	3.26106279	3.09542624
29.4890585	29.2219025	28.6453479	29.842291	29.8545996	28.8230339	29.6523004	30.395624
0.02132487	0.01642199	0.01323149	0.01513702	0.01387699	0.01309453	0.01418172	0.01383229
2.50695873	2.39854617	2.16426013	2.05105564	2.07126419	1.92837453	1.94070682	1.98841306
0.06139136	0.06108763	0.05255019	0.0551325	0.05570692	0.06926628	0.08792864	0.1028122
0.48178403	0.77242553	0.78307384	0.87419847	1.03429599	0.94683418	1.09003281	1.2007987
0.52058575	0.5311007	0.54193962	0.55388301	0.54408881	0.5528274	0.55448703	0.56197317
71.2124305	74.0162343	74.7314964	79.1289127	78.2287279	74.2137143	76.1178419	76.8152793
0.45589523	0.48216921	0.54029706	0.60334638	0.67314225	0.72514893	0.78108573	0.84247637
1.83014756	1.96101045	2.57940394	2.26932684	1.83973893	1.62507157	1.79682611	1.91455218
615.399204	606.137074	609.002582	604.328293	592.8785	543.328642	562.933474	595.862517
4.24258474	4.3627089	4.52747533	4.51214199	4.97060786	5.45762587	5.05618008	4.30788959
6.88970022	7.03993212	7.61943434	8.59519858	10.5377797	10.4365581	8.671111	7.97731335
5.17425483	13.1615482	13.3590875	13.5539082	13.9031509	14.1713379	14.6811157	14.708735
14.133096	13.6769795	12.0785024	12.6508185	11.9325075	11.7345594	13.4534305	16.1564786
8.795E-07	1.1107E-06	1.3718E-06	1.256E-06	6.2903E-07	1.3736E-06	1.5404E-06	1.4276E-06
16.2445028	16.5646169	16.4156333	16.4279821	16.2283613	15.584911	15.3832978	15.0728541
0.1085203	0.111717	0.11503197	0.11863485	0.11759625	0.1203015	0.12148493	0.12396613
0.00244945	0.002454	0.00245908	0.0024681	0.00238088	0.00238126	0.00235102	0.00234547
0.00412666	0.00308992	0.0028975	0.00576211	0.00576211	0.00314449	0.00329278	0.00322749
0.62185797	0.56113488	0.60751039	0.62843064	0.5899207	0.57218538	0.53517348	0.51451334
0.0002551	9.7337E-05	7.0058E-05	8.1795E-05	7.4723E-05	7.4019E-05	7.2393E-05	7.0446E-05
0.00310299	0.00310921	0.00284647	0.00275088	0.00278503	0.00551395	0.00691462	0.00443612
3.90326537	3.8146468	3.46092516	3.37855091	3.34025363	3.19488087	3.08850105	2.99799441
13.7749927	12.6193392	11.4942887	11.5630656	11.423509	11.2717482	11.26393	11.1640719
0.12945362	0.13184726	0.13431477	0.13704242	0.13439424	0.14251367	0.13619862	0.13765186
0.00215525	0.00211308	0.00208421	0.00241295	0.00218566	0.00216507	0.00211751	0.00206055
0.38893256	0.38229077	0.39959973	0.41240652	0.42979547	0.44549226	0.45956858	0.46091581
0.27893823	0.28129075	0.28814922	0.2994992	0.30642075	0.32375833	0.33227078	0.34931673
40.2165705	39.8588273	38.4614547	40.3231325	39.6928898	41.244458	40.595669	40.0576693
9.32246231	9.37391119	9.77669291	10.3254479	10.0863306	10.2130196	9.86931676	9.61388014
22.017065	21.7627946	21.4152872	21.3671457	20.9069184	20.2610725	20.8104908	21.3010542
0.40388042	0.42106692	0.44111766	0.45830417	0.47549028	0.49267679	0.45869938	0.46436202
1.50420045	1.42079837	1.3316791	1.38904092	1.20854774	1.1430545	1.22890847	1.25085948
0.04271507	0.04462483	0.04707228	0.04995287	0.05225289	0.0549429	0.05763125	0.06014061
3.72480325	3.84896559	3.98079244	4.10978578	4.23657125	4.35683953	4.47904123	4.60175148
0.12631537	0.12937645	0.13302733	0.13357124	0.13318583	0.11779246	0.12953123	0.12583479
0.00678003	0.00680324	0.00697176	0.0070294	0.00707779	0.00708574	0.00719703	0.00722248
0.00086576	0.00085723	0.00084945	0.00099177	0.00091536	0.00097151	0.00102256	0.00107431
3.24393341	3.27390893	3.27045744	3.27576512	3.21894097	3.23066945	3.2462046	3.28772993
13.3547474	13.2001968	12.572363	12.5360655	13.1469673	12.9917575	12.0042351	10.8569584
6.3068398	6.36244499	5.65361869	5.50337929	4.96972357	4.33307679	4.23253875	4.3672102
0.11436353	0.11986231	0.12664511	0.12073895	0.12112587	0.11997491	0.11691471	0.12085835
5.50267665	5.63259541	6.38449574	6.76925376	6.7965613	6.47232506	8.30964164	8.56770982
1.01065887	1.03324527	1.0565788	1.0820956	1.06767608	1.08745373	1.09420134	1.11184995
0.00917548	0.00920569	0.00923158	0.00926179	0.00928768	0.00930494	0.0093222	0.00933946
0.16025388	0.16401306	0.16789547	0.17214247	0.1696395	0.172803	0.17376141	0.17655458
0.17445056	0.1788996	0.18350434	0.1885241	0.18615572	0.19037417	0.19218671	0.19604669

8.34749262	8.63647145	7.65967915	7.72706646	8.24096967	7.12919168	6.22148595	4.64342949
3.13770481	3.25950282	2.9891253	2.94473331	2.81327899	2.48357285	2.62848658	2.58396806
1.9139E-05	4.496E-06						
0.24173447	0.24656967	0.24417458	0.25060188	0.25342639	0.24732359	0.26249811	0.26759599
0.03255735	0.03395984	0.03542705	0.03695899	0.03855135	0.03950935	0.04049325	0.04149872
0.00572884	0.00572884	0.00572884	0.00572884	0.00572884	0.00286422	0.00429672	0.00398133
0.05686413	0.05617035	0.05787662	0.05866772	0.05975962	0.06077436	0.06209429	0.06333403
0.00284407	0.00220128	0.00276351	0.00289582	0.00268971	0.00202504	0.00042947	0.00114235
0.34869685	0.33471506	0.32668546	0.3253432	0.3348343	0.33940317	0.33482739	0.32453085
3.44014448	3.57513296	3.58372602	3.59227927	3.5980483	3.64960744	3.69158835	3.74636657
2.24333769	2.20017232	2.16137845	2.12083782	2.12295873	2.14422718	2.14532608	2.15684729
134.665241	145.471943	149.139474	154.895377	144.644592	151.737561	167.736568	196.766443
93.2739473	96.1870468	64.976152	69.0885978	71.9099244	73.0934186	73.1086594	78.8603266
1.11639983	1.11929776	1.12636478	1.13299032	1.1403677	1.27304202	1.30008043	1.30810282
115.724728	98.2961779	98.3579309	101.658801	102.316586	130.218694	135.661043	128.027599
88.0244073	99.5348825	99.6628527	105.373418	117.762583	148.722666	150.415886	153.681578
9.609E-07	4.302E-06	4.6851E-06	4.6851E-06				
0.21880936	0.18955478	0.26176851	0.28517094	0.29604344	0.31185447	0.3106743	0.3228256
4.64286825	4.64881634	4.60086138	4.63756942	4.63034121	4.45530825	4.48097055	4.48953493
0.11842307	0.11835156	0.1180467	0.11639462	0.11844676	0.1184786	0.11807509	0.11820002
0.076102	0.07767576	0.0732718	0.07162508	0.07334838	0.14873782	0.12328842	0.13247932
4.30808185	4.27626176	4.33243446	4.32068326	4.23001158	4.27660985	4.28943925	4.03363503
29.9674029	30.8813168	31.0972339	30.4126056	24.2311517	25.0977933	27.3852519	28.2673778
6.59620898	6.76786681	6.94254475	7.11803391	7.29849127	7.47608403	7.6552148	7.82821918
0.18005482	0.24231343	0.29169315	0.51956293	0.56445042	0.53310692	0.54020816	0.63929316
1.13915101	1.14183768	1.14452435	1.14721101	1.14989769	1.14989769	1.14712847	1.13965072
0.00100566	0.00102484	0.00106254	0.0010873	0.0011111	0.00112884	0.00116102	0.00118323
1.6217E-05	3.7809E-06						
3.25327025	3.25490639	3.18039541	3.3783132	3.59905698	3.64676862	3.70401093	3.68014624
28.7937795	31.383475	30.8046369	30.195113	30.3194324	31.3862498	29.0452841	29.4832101
0.62648005	0.63783781	0.65135827	0.67562532	0.7371223	0.96431848	0.97089802	1.0492896
0.01415546	0.0147297	0.0147297	0.0147297	0.0147297	0.0147297	0.0147297	0.0147297
0.64703142	0.67240693	0.69892276	0.72764408	0.72810406	0.75329025	0.76932628	0.79392771
10.3023083	28.0857013	19.6067687	10.1619422	8.77119752	8.3626401	17.4455297	21.575381
0.00305472	0.0030447	0.00304751	0.00359898	0.00332519	0.00327536	0.0033301	0.00308202
0.04479076	0.0987973	0.09918504	0.10060823	0.10242001	0.10571647	0.05262675	0.01352099
0.26170509	0.26699851	0.27245567	0.27846899	0.27355281	0.2778241	0.27853645	0.2821746
0.24827377	0.24660106	0.2559153	0.24395666	0.25525955	0.26134959	0.26166881	0.26185023
0.0236222	0.02389045	0.02418154	0.02447465	0.02477761	0.02506474	0.02534632	0.02563583
0.14163692	0.14926474	0.14948065	0.16278451	0.15970472	0.16536628	0.17168362	0.16857294
0.00357338	0.00350609	0.00351775	0.00356105	0.00342455	0.00339768	0.00374564	0.0034296
0.1907908	0.19300906	0.19103015	0.18867112	0.15880207	0.13268067	0.13489591	0.13695092
0.09614585	0.0942813	0.0954706	0.09323033	0.09211363	0.09109574	0.09003031	0.08862684
2.5034856	2.6581632	2.8157052	2.9875692	3.165162	2.2027236	2.29730163	2.29729716
0.00223681	0.00227974	0.00236935	0.00242581	0.00246218	0.00249371	0.00255618	0.0025904
20.5002817	18.7333581	18.3510888	17.0470084	15.9694366	15.7182612	14.4563405	13.5944928
0.25636539	0.22457781	0.19030152	0.17856205	0.15984324	0.13751741	0.15504482	0.14680114
0.37499663	0.37569396	0.45657144	0.45824622	0.7109028	0.73170119	0.85259749	0.85058317
4.6785E-05	0.00006144	0.00006867	6.8325E-05	0.0000549	4.2135E-05	0.00001602	
1.16754906	1.05539255	1.00967334	1.06716966	1.06952785	1.04701377	1.09080579	1.1552103
13.5195984	11.7346124	11.0013802	11.4024549	9.26275881	14.1014618	17.531857	18.6288609

5.31563972	6.89813132	7.5614501	8.01793449	7.91482329	7.72371562	10.4663312	12.5926308
0.55436748	0.56368689	0.57497467	0.58426737	0.58353693	0.59220302	0.56544827	0.57685073
0.0078915	0.00788287	0.00787424	0.00786561	0.0078613	0.00785267	0.00784403	0.0078354
0.0028644	0.0028644	0.0028644	0.0028644	0.0028644	0.0028644	0.00145545	0.00133734
1.42067713	1.45231457	1.48506886	1.52362744	1.50483767	1.52959862	1.54286118	1.57480041
10.9570827	11.0546961	10.6474102	10.7830531	11.3647924	11.8184986	11.8246335	11.5166768
0.3895584	0.4124736	0.386694	0.415338	0.4611684	0.4640328	0.48383157	0.5247525
0.0016237	0.00165499	0.00172373	0.0017588	0.00177747	0.00181714	0.00186112	0.00189129
0.17581843	0.32231159	0.39402732	0.38809464	0.3632539	0.39267706	0.42290259	0.40628303
137.403878	137.690716	125.125514	125.492961	122.08425	107.522029	109.212952	112.016904
0.03480746	0.03580946	0.03414261	0.03414276	0.03441432	0.03387529	0.03510821	0.03526814
3.07390978	3.03753576	3.106243	2.8578437	2.52432511	2.44244558	2.30983878	2.1156921
4.31981219	4.4755115	4.75825498	4.67074738	4.66224702	4.56534298	4.3500531	4.29320723
0.06676502	0.06725962	0.06776229	0.06829607	0.06882644	0.06887387	0.07122987	0.06014067
1.57345771	1.35357372	1.12394466	1.0758933	1.05785952	0.95238927	0.95568057	0.91067253
21.581135	22.4003843	23.081634	23.0200281	23.8994964	24.5411321	23.8162436	24.2958774
11.2510751	11.8059802	12.6875986	13.4217312	13.2360115	13.1608265	13.0047505	14.1258263
0.0057288	0.0057288	0.00623499	0.00425123	0.0028644	0.0028644	0.0032656	0.00326525
2.90235593	2.89748417	2.95844705	3.01297361	2.8568762	2.82600874	2.72646525	2.6580306
7.82694096	7.56763128	7.62668139	8.12766718	8.09775727	10.1986833	10.6774842	10.8088132
0.04288472	0.04283589	0.02048414	0.02420938	0.02939693	0.02814297	0.02942114	0.02649799
0.29908995	0.27958504	0.30882289	0.92094256	1.4176929	1.54491139	1.52856728	1.2863773
21.0856312	22.4448559	22.3024551	20.9712104	20.8230297	20.291112	18.7067158	17.9402062
0.00138084	0.00139423	0.00138688	0.00147104	0.00152404	0.00152285	0.00155728	0.00168335
14.699877	14.3755937	14.9929133	15.1819646	15.0813181	16.7910052	14.5725631	12.2915672
0.33206376	0.39103519	0.43046868	0.46568556	0.51851705	0.55425913	0.59733757	0.64109878
1.24065522	1.18728348	1.24450779	1.22634453	1.16311011	1.11338994	1.20286874	1.17617106
0.00144287	0.00145338	0.00149496	0.00151281	0.0015238	0.00153426	0.001562	0.00157174
19.7086604	20.0097565	20.1772917	20.124107	20.0876202	20.0983412	19.2247366	18.9283524
0.03920075	0.03918478	0.03916882	0.03915285	0.03913954	0.03904374	0.03895061	0.03885747
4.07247731	3.90743338	3.61495089	3.56441055	3.59063566	3.35072502	3.40169119	3.28547391
208.888617	220.29816	221.356876	223.936279	228.623197	236.288098	247.082913	258.537507
0.66368531	0.69595957	0.72821321	0.76052505	0.7955479	0.8342034	0.81478317	0.87020145
67.155935	70.587519	69.4319792	70.2985903	73.3773819	75.8609885	73.0091707	75.156053
1.57187059	1.49084279	1.56192703	1.32880893	1.54188993	1.53955352	1.52126138	1.43048696
9.43233177	6.47123723	7.2559838	7.83345726	7.76988396	7.68008325	7.74023952	7.65148908
13.1252546	13.2942633	13.0873109	12.8030751	13.3740874	14.0826538	13.991824	14.2749497
1.51817312	1.55877033	1.30695149	1.09607667	0.93777751	0.79052671	0.52169585	0.50277589
0.50252356	0.50697702	0.47197609	0.43789309	0.45560111	0.4668569	0.49736833	0.49257515
0.00045431	0.00047275	0.00057684	0.00057586	0.00058041	0.0006043	0.00062819	0.00065928
0.00365491	0.00372757	0.00388099	0.0039789	0.00407276	0.00413143	0.00424994	0.00432764
1.04176457	1.06958472	1.09837471	1.12974308	1.1168464	1.14216228	1.15303344	1.17619608
0.0290288	0.02750936	0.02294735				3.7377E-05	9.1503E-05
3.15732268	3.16319395	3.16973787	3.181365	3.05418579	3.16633218	3.2403912	3.35089786
5.7885E-06	1.3469E-06						
0.02384553	0.02424425	0.02465219	0.02510975	0.02457914	0.02485457	0.02480957	0.02502599
0.18596671	0.18156869	0.18292081	0.1874538	0.18948916	0.1840142	0.1841904	0.18565089
1.09122127	0.9104359	0.91978508	0.71528624	0.65773475	0.67679873	0.68820884	0.68795325
1.34928041	1.23800855	1.21228041	0.95505575	1.00125529	1.08201782	1.08127169	1.05225018
0.14968311	0.15233963	0.14808608	0.1526342	0.15600312	0.15622468	0.15231675	0.16754309
0.19483659	0.2037231	0.25418918	0.2451064	0.24407112	0.2401618	0.21895324	0.22223887

9.11047583	4.36828444	1.84710718	1.27685764	1.12238325	1.0292802	1.03716716	1.0040759
0.00115063	0.00116842	0.00119974	0.00144164	0.0013637	0.00136936	0.00134833	0.00132967
2.42365634	2.40398039	2.24199103	2.39407389	2.7902751	2.64708673	2.53635626	2.69959153
1.7701992	1.818894	1.86658812	1.91241852	1.95824892	2.00407932	2.05277412	2.17307892
17.1097655	17.526142	17.9449914	17.1384898	17.17582	13.8567059	12.4302171	8.92375573
0.31237186	0.38923861	0.43368252	0.5728192	0.64378618	0.7942368	0.96157043	1.01442698
14.3350688	15.3717682	16.7254201	17.0562126	17.5787665	16.4315538	15.795792	15.5124983
0.94447212	1.01534733	0.68894706	0.47702175	0.49809575	0.35376038	0.26787297	0.21768317
0.00071948	0.00071715	0.00072955	0.00073359	0.00073362	0.000728	0.00073605	0.00073213
1.72751068	1.67178482	1.68430923	1.6446309	1.56266877	1.40032709	1.40046125	1.42399654
3.59256939	3.57422616	3.38860158	3.13067104	2.9402999	2.84170711	2.56444239	2.5205664
7.2566442	7.09649176	6.54252197	6.94988342	6.77940869	7.49150755	7.82575172	8.12973679
0.81604038	0.85850689	0.85149773	0.97808906	0.96165327	0.97598554	0.95469474	0.97927084
3.99283079	4.11596293	4.24204797	4.44116934	4.61495163	4.75624719	5.01471463	5.18355477
3.5690424	3.8153808	4.08177	4.36821	4.6747008	5.15592	5.30709708	5.66926326
52.2330528	52.0134757	53.6608639	49.8863512	41.1383075	43.1069856	39.1059205	41.1559486
0.0319644	0.03706579	0.03929625	0.03935785	0.04044977	0.0428494	0.03058146	0.04363327
394.691277	388.27479	387.751471	401.06926	390.639622	361.942482	376.686821	398.320355
20.2049024	22.1275411	21.0464056	19.2545694	18.5208812	18.0294266	18.8414937	20.2331307
0.00324428	0.00320971	0.00319638	0.00374212	0.00342794	0.0034049	0.0033301	0.00324053
32.0605481	31.3810428	31.2680235	30.4194198	28.9146168	26.499834	23.1146854	18.067253
0.00060766	0.0006032	0.000613	0.00073616	0.00069119	0.00069393	0.00069679	0.00068685
25.4751116	24.027109	23.445855	23.6003121	22.3879809	21.1617118	20.6958017	22.7026823
0.0015037	0.00154364	0.00161619	0.00166794	0.00172043	0.00175867	0.00182369	0.00187202
0.0013285	0.00135827	0.00141647	0.00145303	0.0014907	0.00152003	0.0015737	0.00160678
10.1652251	8.01536141	9.14055983	7.83639671	1.85426602	1.09732355	2.61118859	3.70809067
45.0624016	45.9259337	45.435441	46.3066718	45.8424383	45.1028256	45.0848435	44.8214689
3.2543511	3.33714016	3.41956243	3.50230718	3.58071827	3.66352151	3.75620942	3.84553613
0.55857144	0.59292309	0.61072076	1.07695452	0.82622436	0.3560349	0.57784162	0.65286844
4.105E-05	5.026E-05	3.5768E-05	3.8968E-05	4.088E-05	4.2311E-05	6.4527E-05	5.6004E-05
0.00934069	0.0071497	0.00694415	0.00775052	0.00582534	0.00561661	0.00735022	0.00591661
0.00576172	0.00560933	0.00553079	0.00548065	0.00573378	0.00614968	0.00530207	0.0056605
1.2154E-06	1.2321E-06	1.3229E-06	1.3208E-06	1.3259E-06	1.348E-06	1.3702E-06	1.3306E-06
0.00244787	0.00152997	0.00136883	0.00181417	0.00169375	0.0012671	0.0021937	0.00333808
0.00059094	0.00059094	0.00058756	0.00058081	0.00058419	0.00057743	0.00056748	0.00055522
0.03962616	0.05164655	0.05738912	0.05765372	0.05958698	0.06220487	0.05833389	0.04799575
0.04544645	0.0427784	0.03992464	0.04420087	0.04052365	0.04228001	0.04692438	0.05238311
0.00029802	0.00033224	0.00032836	0.00036146	0.0002092	0.0002622	0.00028594	0.00026779
8.4441E-06	1.2187E-05	1.4002E-05	1.5715E-05	1.6912E-05	1.555E-05	2.1774E-05	1.9806E-05
0.15387968	0.15585508	0.1663821	0.15973269	0.16476388	0.1663713	0.16941131	0.16374025
0.06098316	0.06188399	0.06020414	0.05928447	0.05868537	0.06343519	0.0629861	0.06042789
0.00108498	0.00129516	0.00132431	0.00135538	0.00135708	0.00174669	0.00116832	0.00103598
0.00100186	0.00105044	0.00101138	0.00095239	0.00094796	0.00089486	0.00089441	0.00091043
0.04374947	0.04172029	0.04758699	0.0481074	0.04705947	0.04860921	0.04609082	0.04765443
0.00020197	0.00019522	0.00066506	0.00116837	0.00107743	0.00124708	0.00114911	0.00070528
0.00168137	0.00182028	0.00183534	0.00177218	0.00191051	0.00172522	0.00185373	0.00194466
0.01017535	0.01212581	0.01245628	0.01131337	0.01817173	0.02278856	0.02913663	0.02485302
0.0111552	0.01099697	0.01295555	0.0122513	0.01419619	0.01410424	0.01444507	0.01526822
0.00039282	0.00052582	0.00086804	0.00111248	0.00104197	0.00105749	0.00101235	0.00109074
0.00057528	0.00058922	0.00029943	0.00030117	0.00029237	0.00034888	0.00052867	0.00046401

0.0012615	0.00113057	0.00197837	0.00176696	0.00184434	0.00188004	0.00212854	0.00245851
0.0057032	0.0074772	0.00853579	0.00958482	0.00860408	0.00797337	0.00876013	0.00869063
0.00238282	0.00235137	0.00104635	0.00103126	0.00099091	0.00125358	0.00183275	0.00155257
6.0942E-06	9.5604E-06	1.0681E-05	1.5276E-05	1.3392E-05	1.5387E-05	2.2416E-05	2.0951E-05
0.02594909	0.02739116	0.02598486	0.02586764	0.02481979	0.02668197	0.02878299	0.02841133
2.23282908	2.22681338	2.13615231	2.11241764	2.06799412	2.05080112	2.09605245	2.02945239
0.0001543	0.00015414	0.00010332	9.8719E-05	9.5461E-05	0.00010122	0.0001499	0.00014462
0.00049303	0.00056769	0.00044834	0.00037892	0.00046164	0.00036761	0.00048115	0.00042367
0.00359792	0.00343917	0.00252013	0.00296234	0.00297913	0.00237538	0.00286264	0.0029035
0.00103904	0.00123362	0.00141176	0.00146442	0.00124975	0.00112281	0.00114952	0.00125442
0.00022646	0.00023665	0.00021355	0.0002069	0.00021653	0.00020205	0.00020463	0.00020608
0.27801147	0.27312705	0.28537043	0.29374838	0.27708605	0.2652576	0.28599463	0.28889278
0.01885854	0.01939309	0.02010256	0.01903601	0.01885972	0.01998808	0.01970181	0.01878274
0.07556543	0.07406166	0.08982219	0.10010265	0.09287803	0.09417461	0.09021418	0.09799942
6.74348372	6.85089035	6.6467419	6.6181526	6.39998979	5.88336619	5.24828461	4.77191397
0.00073228	0.00090751	0.00101389	0.00105668	0.00116323	0.00085038	0.00124406	0.00111181
0.00186243	0.00182138	0.00187332	0.00187321	0.00172297	0.00168734	0.00163659	0.00166389
0.13905686	0.09727605	0.10073517	0.10419429	0.10775295	0.11185177	0.01217688	0.01266666
4.7275E-05	0.00013638	0.00011379	8.3656E-05	0.00118545	0.00115375	0.00118137	0.00119024
1.2613E-05	1.2507E-05	1.4984E-05	1.5622E-05	1.3165E-05	1.4368E-05	1.5863E-05	1.702E-05
0.06958455	0.05083174	0.10539582	0.10231216	0.09487427	0.09379599	0.09931922	0.07910919
5.2161E-05	5.4342E-05	5.5804E-05	5.3174E-05	5.5874E-05	5.3901E-05	6.6421E-05	7.2469E-05
0.00018426	0.00015707	0.00013784	0.00015125	0.00015126	0.0001324	0.00015385	0.00016114
0.01585392	0.01637973	0.01794495	0.0185051	0.01780396	0.01492023	0.01404713	0.01353885
0.03560731	0.03846167	0.03679317	0.04080192	0.04465217	0.03249277	0.04370438	0.05138745
7.9416E-06	1.0277E-05	1.169E-05	1.3025E-05	1.4567E-05	1.2986E-05	2.2073E-05	1.8128E-05
0.00085457	0.00056133	0.00067591	0.00117471	0.0013778	0.00151192	0.00205532	0.00246708
0.03053787	0.03165585	0.03153582	0.03224062	0.03385439	0.03408038	0.03405927	0.03430888
0.21024218	0.20136659	0.20405689	0.2046643	0.20776851	0.21618843	0.21584735	0.21368406
0.00015365	0.00018379	0.00017088	0.00017779	0.00016482	0.00013013	0.00012795	0.00013737
0.0001247	0.00012352	5.7272E-05	5.6884E-05	5.4889E-05	6.7567E-05	9.8155E-05	8.3989E-05
0.01129478	0.00908803	0.00820325	0.00787395	0.00827277	0.00820259	0.0099553	0.0104728
0.01215767	0.01330303	0.0133592	0.01353766	0.0119453	0.01349961	0.0145947	0.01385104
0.00859811	0.007						

0.00015383	0.00015218	0.00014158	0.00014951	0.00015227	0.00013474	0.00014358	0.0001481
0.00030672	0.00032314	0.00031246	0.00030733	0.00031048	0.00029043	0.0002833	0.00028571
0.00069617	0.00072005	0.00074142	0.00074579	0.00065041	0.00074296	0.00066077	0.00062536
0.01568047	0.01348023	0.01034658	0.01183185	0.01511954	0.01246062	0.01056155	0.01114588
5.8064E-06	7.2661E-06	8.8461E-06	8.1723E-06	8.7957E-06	8.2895E-06	1.2125E-05	1.0931E-05
0.00029326	5.1607E-05	5.2913E-05	2.9369E-05	2.4384E-05	2.9369E-05	3.3885E-05	4.0492E-05
0.00573051	0.00162634	0.0016515	0.00174488	0.00191533	0.00196983	0.00185111	0.00184108
0.00070439	0.0007291	0.00075472	0.00078128	0.0008088	0.0008244	0.00084032	0.00085655
0.0077614	0.00645123	0.00543896	0.0050539	0.00533784	0.00530184	0.00531869	0.00392372
0.00199982	0.00193685	0.0020094	0.00199506	0.0023218	0.00249933	0.00283101	0.00270872
0.01349471	0.01375443	0.01248004	0.01241268	0.00910324	0.0096845	0.00902704	0.00638534
0.00474919	0.004827	0.00450691	0.00419932	0.00364804	0.00312795	0.00379491	0.00412166
0.00353338	0.00329628	0.0034237	0.00363606	0.00359674	0.00364657	0.00368986	0.00374464
0.00910737	0.00737613	0.00855589	0.00979272	0.01094158	0.01174254	0.01436944	0.01616248
0.4967752	0.43985365	0.37596654	0.42479495	0.47321082	0.44364494	0.44590598	0.4577694
2.51975516	2.53249858	2.76733986	2.91280964	3.01387953	3.10414123	3.31345865	3.51903423
0.00859275	0.00864811	0.00926542	0.01075436	0.01097027	0.01082471	0.01201647	0.0122968
0.05242971	0.0540017	0.05359859	0.05647738	0.05197626	0.05430437	0.05771719	0.05709999
0.00859719	0.01223347	0.01094782	0.00823029	0.00748904	0.00937338	0.00995997	0.01179061
0.00119645	0.00123074	0.00166986	0.00157494	0.00162396	0.00019515	0.00019106	0.0001476
0.00077215	0.00123388	0.0032349	0.00309668	0.00396227	0.00447957	0.00575444	0.00527186
0.06767433	0.06585031	0.05680212	0.05289673	0.05279685	0.05230068	0.0479994	0.05055573
0.00447043	0.00431664	0.00523765	0.00576885	0.00534248	0.00492743	0.00375202	0.00468882
0.00232558	0.00402042	0.00350408	0.00512477	0.00312638	0.00376775	0.00283077	0.00314478
0.38484022	0.3745287	0.38434594	0.36568325	0.36106638	0.35184386	0.36011083	0.36035842
0.14051905	0.13838816	0.14378517	0.09373136	0.07580765	0.07381095	0.06828188	0.064956
0.01177839	0.01054094	0.01256649	0.01473294	0.01486749	0.01591991	0.01506279	0.01453009
0.00080891	0.00153585	0.00035784	0.00229384	0.00302704	0.00143671	0.00138596	0.00193677
0.02435697	0.02609823	0.02791333	0.02975549	0.0317401	0.03423048	0.03691646	0.0394447
9.61E-06	8.979E-06	9.9898E-06	1.0136E-05	9.8329E-06	1.0491E-05	1.2354E-05	1.3082E-05
3.0998E-06	4.3038E-06	4.9194E-06	5.4701E-06	5.9245E-06	5.5105E-06	8.1759E-06	7.312E-06
0.17217672	0.16747669	0.18367257	0.18967319	0.201336	0.19794583	0.20248154	0.19051705
0.00757807	0.0077757	0.00787434	0.00664768	0.00724157	0.00728573	0.00811073	0.00818274
0.00415154	0.00341726	0.00423382	0.00397329	0.00398038	0.00339759	0.00334207	0.00337787
0.00247754	0.00244377	0.00205294	0.00251468	0.00252243	0.00242511	0.00251062	0.00248092
0.00084019	0.00091366	0.00087835	0.00091364	0.00093428	0.00090321	0.00090569	0.0009534
0.00156489	0.00201545	0.00366121	0.00378882	0.00250906	0.00227344	0.00220103	0.00225912
0.00016639	0.00016612	8.0008E-05	7.9833E-05	7.7272E-05	9.2778E-05	0.00013525	0.00011371
0.05822534	0.06216275	0.06260032	0.06598963	0.06838365	0.06824241	0.06830359	0.06961915
0.00029966	0.00031451	0.00029669	0.00029529	0.00029136	0.00027149	0.0002881	0.000289
0.00444804	0.00495552	0.00505296	0.00474289	0.00461149	0.00473356	0.00490646	0.00540283
0.00246551	0.00234097	0.00235547	0.00244674	0.00227411	0.0022522	0.00220912	0.0019771
0.01205073	0.01340509	0.01348985	0.01543571	0.01512367	0.01342436	0.013825	0.01641659
0.00024483	0.00020236	0.00024092	0.00027202	0.00034371	0.00035906	0.00040524	0.0003581
0.01166852	0.01175525	0.01177936	0.01071594	0.01058226	0.01001563	0.01117781	0.01114252
0.00091012	0.00091999	0.0009924	0.00080444	0.00084354	0.000663	0.00081709	0.00091465
0.01332294	0.01443815	0.01533364	0.0162518	0.01633302	0.01474713	0.01524455	0.01520564
0.00016442	0.00019325	0.00024088	0.00031759	0.00021712	0.00024218	0.00026055	0.00031677
0.1196329	0.09668871	0.12257698	0.08765537	0.10492123	0.08638388	0.13487666	0.10552239
0.00271372	0.00252996	0.00205723	0.00192682	0.0018578	0.00210487	0.00171941	0.00195582
0.00091006	0.00095169	0.0009197	0.00094335	0.00103939	0.00105059	0.0011758	0.0012533



1.3188E-05	2.6889E-05	5.9067E-05	6.7337E-05	6.6039E-05	6.3921E-05	5.632E-05	4.4243E-05
0.01531357	0.01769816	0.0179771	0.02011683	0.02115154	0.01734092	0.02531213	0.02570125
0.0039625	0.00496847	0.00419123	0.0034524	0.00245554	0.0025806	0.00281138	0.00320183
0.01751986	0.01781544	0.01845847	0.01911566	0.01945082	0.02002342	0.02035518	0.02082417
0.00056026	0.00059603	0.00050984	0.00058383	0.00058587	0.00048571	0.00070385	0.00076394
8.6067E-05	8.6067E-05	8.6067E-05	8.6067E-05	8.6067E-05	8.6067E-05	8.6067E-05	8.6067E-05
0.00205223	0.00185668	0.00179445	0.00165206	0.00180923	0.00152815	0.00138675	0.00125494
0.00853532	0.00851531	0.00641202	0.00683749	0.00612738	0.0059336	0.00668401	0.00628071
0.03834957	0.04185658	0.0372072	0.03742284	0.03688299	0.03587807	0.03826081	0.03938539
0.00068848	0.00113799	0.00140271	0.0014843	0.00154994	0.00154994	0.00153339	0.00154951
0.00357982	0.00312398	0.00307731	0.00395686	0.00363137	0.00374609	0.00389065	0.00649638
0.0002307	0.00035368	0.00028292	0.00031592	0.00022862	0.00015952	0.0001899	0.00016341
0.24947301	0.27980687	0.26992007	0.16650051	0.16839757	0.16983553	0.16779813	0.17158685
0.00297635	0.00311634	0.00312596	0.00322001	0.00318325	0.00316154	0.00315762	0.00302353
0.01640413	0.01735308	0.01618962	0.01779137	0.01827604	0.01989822	0.02030115	0.01947368
0.03615413	0.03133927	0.0320879	0.02969566	0.02988248	0.02856433	0.02982579	0.03081626
0.00787542	0.02862083	0.03081554	0.03288879	0.03334156	0.03554632	0.03737975	0.03994469
0.02302193	0.02336	0.02366303	0.02394313	0.02478927	0.02506548	0.02439459	0.02443873
0.00539167	0.00573816	0.00568515	0.00686666	0.00709172	0.00863754	0.00843609	0.00821561
0.18295363	0.1817994	0.1835876	0.19898725	0.2103195	0.22269947	0.24505027	0.25884523
0.005746	0.00619815	0.00625103	0.00595089	0.00549959	0.00513498	0.00561918	0.00440837
0.0326026	0.03172189	0.03136082	0.03136226	0.03214142	0.0293383	0.02753898	0.03283684
0.06484077	0.06347979	0.06957383	0.07254618	0.07340628	0.07950961	0.08420956	0.07759379
9.1536E-05	7.5931E-05	7.5878E-05	8.9933E-05	8.5028E-05	8.1401E-05	8.5098E-05	8.7556E-05
0.00426792	0.00408264	0.00310924	0.00356732	0.0036923	0.00310951	0.00345254	0.00330646
0.09816659	0.09650899	0.10538232	0.10807553	0.10754141	0.11686954	0.12775882	0.13103645
0.00047704	0.00018931	0.00033408	0.00018496	0.00034341	0.00029571	0.00010959	0.00010451
0.0786734	0.0755645	0.04942695	0.05700676	0.03573081	0.03600053	0.10522428	0.0905339
0.06104613	0.04420714	0.04697862	0.04394986	0.0424546	0.0452872	0.04548613	0.04470982
0.05794985	0.06149466	0.04721418	0.04971097	0.05059342	0.0581788	0.05453789	0.05362349
0.00013197	0.00012032	0.00014529	0.00014088	0.00013444	0.00013878	0.00014048	0.00015443
0.00472824	0.00910729	0.00804748	0.00964118	0.009059	0.00992496	0.01060831	0.01053371
0.00045379	0.00045378	0.00045377	0.00045376	0.00045374	0.00045372	0.00045369	0.00045366
0.0191133	0.02037557	0.02052806	0.02066985	0.02105665	0.02284979	0.0231123	0.02420927
0.10302704	0.25784402	0.2519308	0.28976935	0.31676727	0.3376476	0.33767994	0.36371682
0.0019922	0.00204696	0.00201368	0.00215958	0.00216736	0.00228684	0.00384766	0.00428766
0.08737266	0.07499498	0.0775672	0.08838376	0.09054789	0.0843368	0.08111905	0.07590129
0.01164188	0.0088929	0.01209471	0.00945189	0.01075559	0.01051268	0.01283476	0.01232305
0.03335304	0.03208037	0.03118902	0.03108746	0.03082863	0.03074948	0.03056773	0.03002789
0.00421364	0.00410302	0.00430016	0.00464324	0.00486029	0.00533581	0.00324276	0.00365815
0.00712673	0.00740803	0.00926672	0.0096932	0.00975858	0.0090502	0.01440726	0.00890948
9.6091E-08	1.0067E-07	1.2284E-07	1.2263E-07	1.236E-07	1.2982E-07	1.3605E-07	1.4306E-07
0.00013403	0.00012848	0.00011328	0.00012016	0.00011315	9.6831E-05	0.0001072	0.00010731
0.00068753	0.00073542	0.0007288	0.00072725	0.00068802	0.00063777	0.00064468	0.00064816
0.00594178	0.00604176	0.00155986	0.00098184	0.00089853	0.00116011	0.00127542	0.0013262
0.00150727	0.00157598	0.00151318	0.00145518	0.00148296	0.00141791	0.00142835	0.00145433
1.0892E-05	1.1159E-05	6.1186E-06	6.3349E-06	6.2547E-06	7.1412E-06	1.0422E-05	9.2239E-06
3.4435E-05	3.456E-05	3.1695E-05	3.2306E-05	3.3923E-05	3.002E-05	3.2556E-05	3.328E-05
0.00024781	0.00026553	0.00024917	0.00026455	0.00025448	0.00029358	0.00026934	0.00024939
0.02033591	0.01740091	0.01921975	0.02210865	0.02584932	0.02391916	0.02439096	0.02627021
0.00424909	0.00382509	0.00420543	0.00526188	0.00504248	0.00503836	0.00536417	0.00542407

0.16817223	0.16568848	0.17059073	0.16728217	0.17424171	0.17370759	0.1699305	0.16919266
0.01242708	0.01141125	0.01179665	0.0107214	0.01119832	0.01018056	0.0113074	0.01147384
0.00014999	0.00016486	0.00013215	0.00016131	0.00016849	0.00015513	0.00018023	0.00016804
0.00660763	0.00509654	0.00321035	0.00298264	0.0026508	0.00240361	0.0025397	0.00321392
1.898E-05	2.0073E-05	1.1431E-05	1.2161E-05	1.2388E-05	1.423E-05	2.1551E-05	1.8788E-05
0.00084376	0.00096677	0.00093679	0.00092902	0.00094152	0.0008786	0.00097938	0.00101687
0.00043337	0.00037931	0.00051307	0.00053526	0.00022439	0.00037823	0.00025414	0.00041922
0.32241575	0.38724399	0.36354893	0.3731611	0.38702237	0.38967629	0.40589658	0.42966722
	0.00011088	0.00007728	0.00005712	0.00006384	0.00184043	0.00321407	0.00334406
0.00090032	0.00083719	0.000513	0.00032702	0.00032702	0.00032702	0.00032702	0.00032702
0.00010818	0.00010589	0.0001126	0.00012748	0.00011822	0.0001066	0.00011452	0.00011543
1.758E-05	1.6356E-05	1.8152E-05	1.967E-05	1.8804E-05	2.031E-05	2.5323E-05	2.3728E-05
0.00195667	0.00196923	0.00200262	0.00199004	0.0017629	0.00129697	0.00135524	0.00119414
0.00334673	0.00373547	0.00376932	0.00425399	0.00410226	0.00398278	0.00390423	0.0036118
0.06350915	0.06672145	0.05392678	0.0561365	0.06057997	0.06737356	0.07960935	0.10919431
0.08725178	0.08292174	0.08504374	0.08226759	0.08088885	0.08026715	0.07509696	0.0621946
0.04359247	0.04334999	0.04369827	0.04575462	0.04725811	0.04728647	0.0486394	0.04898986
0.07822426	0.08073403	0.0876375	0.09006942	0.09654526	0.09212046	0.11015856	0.16216721
0.06711947	0.06672768	0.06672263	0.07976473	0.05167943	0.0443427	0.03913136	0.04699733
0.03188702	0.03220038	0.03399777	0.0416026	0.0508911	0.05352815	0.05560454	0.05516583
1.51575669	1.49303962	1.50358005	1.50955544	1.47979741	1.47346033	1.47717409	1.63325923
0.00915538	0.0073857	0.00675828	0.00590024	0.00526509	0.00569839	0.00631916	0.00641171
0.00012335	0.00012259	5.6949E-05	5.6465E-05	5.4134E-05	6.6023E-05	9.7496E-05	8.2554E-05
0.04613821	0.04919579	0.04700956	0.04355116	0.03199852	0.02751493	0.02605739	0.02361894
2.5289E-05	2.6254E-05	1.4145E-05	1.4592E-05	1.4547E-05	1.717E-05	2.5176E-05	2.3158E-05
0.20769412	0.21044411	0.2262842	0.24588723	0.20632001	0.21782584	0.2315193	0.30245504
8.312E-05	7.5423E-05	6.0957E-05	7.1016E-05	6.8202E-05	5.8487E-05	6.7725E-05	7.3815E-05
8.145E-05	7.7718E-05	7.0404E-05	7.6061E-05	7.9634E-05	7.5863E-05	8.1813E-05	8.1149E-05
0.00371301	0.00334051	0.00467594	0.00464321	0.00197304	0.00153724	0.00144415	0.00194973
0.1355756	0.13890357	0.16185224	0.16350648	0.14071344	0.14276702	0.14030111	0.16814833
0.05145892	0.05503573	0.05709976	0.0598449	0.0611442	0.06272119	0.06450969	0.06616456
0.00818929	0.00913953	0.00699823	0.00716626	0.00735923	0.00765851	0.00784791	0.00840243
0.00015592	0.00019141	0.00021495	0.00022604	0.00023565	0.00024282	0.00022901	0.0002364
0.00232577	0.00199979	0.00172059	0.00166716	0.00187908	0.00161849	0.00157213	0.00176687
0.00238077	0.00269426	0.00423204	0.00606076	0.00650924	0.00439119	0.0042739	0.00382975
1.0527E-06	1.053E-06	1.131E-06	1.1295E-06	1.1353E-06	1.1775E-06	1.2208E-06	1.1853E-06
2.897E-05							
0.00079832	0.00076402	0.00068441	0.00065472	0.0005066	0.00056462	0.00048443	0.00041574
0.1104367	0.11479292	0.11539115	0.12125986	0.12944266	0.1297161	0.1330491	0.13220393
0.07247034	0.07713641	0.07679133	0.07274167	0.0782039	0.08279603	0.08553038	0.07817542
0.00088041	0.0013332	0.00147825	0.00126516	0.00142294	0.00131221	0.00138603	0.00166018
0.00012167	0.00012713	0.00014331	0.00014856	0.0001527	0.00016481	0.00013974	0.00015108
0.09891397	0.10149554	0.09966452	0.10207312	0.11019601	0.11348676	0.12127483	0.11938442
0.0861047	0.09068349	0.087487	0.0832131	0.08603619	0.08595629	0.08847256	0.08593053
0.00906715	0.0110805	0.01471676	0.01578544	0.0153562	0.01452592	0.01515719	0.01610187
0.00031386	0.0002919	0.00031708	0.00032328	0.00031045	0.00031647	0.00032553	0.00036471
0.07259181	0.07765363	0.07056936	0.06536993	0.07480907	0.07391202	0.07564265	0.07361963
9.8204E-05	4.7023E-05	0.00012185	0.00031852	0.00030072	0.00021445	0.0002945	0.00021894
0.00079812	0.00086373	0.00105563	0.00102957	0.00123528	0.00117018	0.00124521	0.00135802
0.02576782	0.03053952	0.0351779	0.03770735	0.04069626	0.04733556	0.05267064	0.05610084
0.01034259	0.00950302	0.0085397	0.00960576	0.01001253	0.00999419	0.00973626	0.02193935

0.03598759	0.03679491	0.0384875	0.04015475	0.03993498	0.039248	0.03984122	0.03981845
0.00061537	0.00070285	0.00091073	0.00091903	0.00094333	0.00095169	0.00100334	0.00118007
0.00382741	0.00353459	0.00352814	0.00354081	0.00384872	0.00458579	0.00477863	0.00513509
0.04047967	0.04325226	0.04398422	0.04806338	0.04722469	0.04768683	0.04946154	0.05283663
0.00059176	0.00061899	0.00117936	0.00117076	0.00134408	0.00112883	0.00116233	0.00142227
9.182E-05	0.00010392	0.00011389	0.00015249	0.00012757	0.00017208	0.00015198	0.00016866
0.00733841	0.00729138	0.00855989	0.00917434	0.01171002	0.01146437	0.00993403	0.01011859
0.23576215	0.27230308	0.32601056	0.38493561	0.39380712	0.37408043	0.40015829	0.39657649
0.00036971	0.00035574	0.00042567	0.00037198	0.00040608	0.00042759	0.00032035	0.00036197
0.00516909	0.00550025	0.00525762	0.00542536	0.00457457	0.00497184	0.00508338	0.0059298
0.00023749	0.00025412	0.00030624	0.00032093	0.00027796	0.0002605	0.00030549	0.00040392
0.00026367	0.0002145	0.00073308	0.00113151	0.00115729	0.0010107	0.00119601	0.00133307
9.865E-05	9.626E-05	8.2754E-05	8.9712E-05	0.00010541	0.00010859	0.00010664	0.00010949
0.13756	0.14467775	0.14465519	0.13684559	0.14285601	0.16378164	0.15683318	0.15961631
0.0399344	0.04172187	0.04201107	0.04227221	0.04199016	0.04395809	0.04549063	0.0453927
0.03984025	0.15037863	0.16607238	0.13328158	0.14113257	0.16167255	0.17667276	0.17186984
1.41632188	1.480761	1.64580681	1.76802909	1.84255534	2.04502151	2.30744054	2.53258888
0.00619055	0.00711552	0.00744939	0.00766648	0.00822429	0.00819639	0.00875203	0.0103185
0.00145201	0.00135821	0.00168433	0.00193827	0.00187445	0.00195276	0.00205337	0.00226932
3.0307E-05	0.0021994	0.00227584	0.00234421	0.00254383	0.00263206	0.00253886	0.00347579
0.00058639	0.0008323	0.00082648	0.00088249	0.00229058	0.00251383	0.00255093	0.00289801
2.3449E-05	2.4413E-05	2.8017E-05	3.3731E-05	2.9137E-05	3.1218E-05	3.2184E-05	3.4126E-05
0.02498513	0.02527534	0.02296944	0.02687812	0.02834329	0.02848339	0.02367379	0.0253067
4.1421E-05	4.199E-05	5.2897E-05	4.8708E-05	5.2787E-05	6.0048E-05	7.1289E-05	7.8586E-05
0.00022169	0.00018859	0.00019814	0.00021257	0.00021667	0.00022479	0.00022323	0.00022874
0.00153366	0.00167312	0.00199039	0.00189031	0.00114055	0.00204596	0.00194058	0.00199567
0.02190538	0.022876	0.02293275	0.02579684	0.02703703	0.02510491	0.02562646	0.02783379
0.00011965	0.00011171	0.00012471	0.00013002	0.00013877	0.00014523	0.00014965	0.00014593
0.00208392	0.00219335	0.0018931	0.00181533	0.00184408	0.00209743	0.00228892	0.00229561
0.04059569	0.04137595	0.04119545	0.04293815	0.04491397	0.04660964	0.04874118	0.0472149
0.42674962	0.44526747	0.44360849	0.45118464	0.44733741	0.46234034	0.46296537	0.43396317
0.00016598	0.00020615	0.00022907	0.00023355	0.00021616	0.00019393	0.00016059	0.00017103
6.1118E-05	6.241E-05	9.7241E-05	0.0001	0.00011158	0.00010082	9.6017E-05	0.00011569
0.08188497	0.08369413	0.0846792	0.08407873	0.08500936	0.09127566	0.1031863	0.10124841
0.00707261	0.00694345	0.00666988	0.00724234	0.00803396	0.00820987	0.0084095	0.01021701
0.04519105	0.05136077	0.05102428	0.05586928	0.06343165	0.06350666	0.06685127	0.06918742
0.00785728	0.00833628	0.00927959	0.01043939	0.01061527	0.00993484	0.00790196	0.00797159
0.06967992	0.07441894	0.07412762	0.08019975	0.09075112	0.0947448	0.11539049	0.11259768
0.00024315	0.00027848	0.00025146	0.00026185	0.0002577	0.00026133	0.00025894	0.00031249
4.9537E-05	4.3854E-05	4.1297E-05	4.1196E-05	4.0268E-05	4.3146E-05	3.8576E-05	4.0556E-05
0.11891375	0.11464641	0.11276932	0.10567404	0.11604485	0.11171696	0.1257562	0.1189808
0.02128501	0.02143399	0.02380197	0.02292877	0.02192808	0.02837235	0.03024458	0.03264994
5.4843E-05	2.5889E-05	1.0912E-05	7.4172E-06	3.6372E-06	3.6372E-06	4.0082E-06	4.3174E-06
0.13580374	0.14037971	0.14611227	0.14127726	0.13465094	0.13942854	0.14344795	0.14803817
0.00028746	0.00027941	0.00034479	0.00044287	0.00043881	0.00043552	0.00046316	0.00050999
1.0361E-05	1.0847E-05	1.5118E-05	1.5598E-05	1.7368E-05	1.7119E-05	1.6025E-05	1.9157E-05
0.14809228	0.15179438	0.15986257	0.15987028	0.17387464	0.19578521	0.20094201	0.19535401
0.00145476	0.00147598	0.00087737	0.00089382	0.00094595	0.00100554	0.00138179	0.0013104
0.21517142	0.19904526	0.20635852	0.23797857	0.27372916	0.3070047	0.31600217	0.34118283
0.00067029	0.00074779	0.00063841	0.00072708	0.00103745	0.00084668	0.00086544	0.00081186
0.00413597	0.00419227	0.00455743	0.00482219	0.00588573	0.00503283	0.00632606	0.00714598

0.00014112	0.00014448	0.00015456	0.00016128	0.00018144	0.00017136	0.00017174	0.00017289
0.00088282	0.00083435	0.00082375	0.00087452	0.00093492	0.00097201	0.0009163	0.00092632
0.00068449	0.00068449	0.00068449	0.00068449	0.00068449	0.00068449	0.00068449	0.00068449
0.00013221	0.00012544	0.00013501	0.00014817	0.0001536	0.00015307	0.00014568	0.0001492
0.00014073	0.00013761	0.00014934	0.00015879	0.00016027	0.00016294	0.00013771	0.00013909
0.00050523	0.00088827	0.00084996	0.00084996	0.00100318	0.00111809	0.00107979	0.00109905
0.02339355	0.02239277	0.02026038	0.01685662	0.01637455	0.01920654	0.02229186	0.02231562
5.5119E-05	5.563E-05	7.0634E-05	6.1666E-05	6.479E-05	7.0399E-05	6.8163E-05	7.0705E-05
0.00027467	0.00029928	0.00030646	0.00026194	0.00032112	0.00029109	0.00025984	0.00027235
0.03808322	0.04714214	0.04640713	0.04943217	0.04847325	0.05485234	0.04588448	0.04457181
0.00110039	0.00113282	0.00116643	0.00120128	0.00123739	0.00125785	0.00127873	0.00130004
0.00099852	0.0011024	0.00123393	0.00118553	0.00131369	0.00122459	0.00117594	0.00116657
0.01640195	0.01597754	0.0151593	0.0150452	0.0176469	0.01848858	0.01798753	0.01750535
0.00989481	0.01057531	0.01118487	0.01049595	0.01452281	0.01917134	0.01787682	0.01673769
0.00442641	0.00448894	0.00420981	0.0033223	0.00431618	0.00596586	0.00730001	0.00888249
0.00090324	0.00096661	0.00100663	0.00103572	0.00103936	0.0010991	0.00101854	0.00094019
0.031304	0.02758712	0.02718585	0.02953049	0.0316795	0.03252819	0.03345252	0.03379286
0.08922796	0.09130501	0.09347076	0.10242791	0.10355456	0.11075353	0.1100678	0.29122934
0.51163181	0.53894061	0.55201853	0.61856004	0.60491486	0.75428508	0.91724015	0.91037402
0.0146197	0.01594861	0.015399	0.01530183	0.01476392	0.01813244	0.02009074	0.02239538
0.16770779	0.17370931	0.17535151	0.20292317	0.2174277	0.22497466	0.24722304	0.24397967
0.04371851	0.03930515	0.05154238	0.05732046	0.05842079	0.06346508	0.076217	0.08334879
2.6688E-05	2.392E-05	9.784E-06	7.1569E-06	7.1569E-06	7.1569E-06	2.3683E-06	2.0771E-06
0.02634925	0.0257642	0.02661881	0.02672236	0.02876039	0.03275414	0.03494265	0.03064603
0.24203397	0.23431958	0.23233941	0.22850877	0.22874421	0.24142433	0.24961177	0.2416728
0.00301849	0.00288874	0.00288616	0.00289922	0.00288852	0.0028397	0.0031232	0.00305011
0.0090509	0.01018783	0.01082568	0.01097914	0.01154815	0.01230368	0.01261395	0.01177457
0.58291335	0.62706527	0.6340835	0.62078916	0.60263436	0.61938553	0.64365155	0.64817233
0.02017678	0.0248568	0.02683828	0.03204169	0.02785241	0.03039892	0.03399434	0.03488651
0.00540803	0.0047127	0.00486397	0.00477049	0.00371888	0.00379657	0.00424578	0.00332847
0.00059131	0.0005851	0.00047943	0.00067005	0.0007452	0.00054771	0.00049447	0.00051492
0.00115261	0.00111109	0.00074446	0.00082237	0.00116717	0.00200928	0.00199601	0.00217954
1.4357E-05	1.3925E-05	1.6299E-05	1.8545E-05	1.8162E-05	2.0065E-05	2.209E-05	2.3568E-05
4.6704E-05	4.6781E-05	5.2479E-05	5.4603E-05	5.6441E-05	6.1627E-05	5.5431E-05	5.8861E-05
0.15525988	0.17037035	0.18063392	0.17176161	0.16273217	0.19485996	0.21440866	0.24313958
0.0576512	0.05902199	0.0583567	0.06207856	0.06487991	0.06735685	0.06580392	0.06711815
		8.4001E-05	8.4001E-05	0.00108213	0.00307905	0.00420427	0.00448868
0.01088367	0.01065496	0.01153591	0.01275765	0.01361568	0.01381224	0.01480957	0.01451133
0.00038257	0.00039526	0.00040075	0.00048817	0.0004911	0.00053282	0.00046919	0.00051558
0.0223722	0.02924865	0.03466744	0.03277363	0.03406354	0.03046505	0.03136983	0.03165978
0.00012389	0.00012637	0.00017917	0.00018249	0.00019565	0.00018459	0.00018169	0.0001982
0.00519979	0.00584086	0.00326661	0.00491191	0.0040405	0.00609104	0.006639	0.00585038
0.00018494	0.0001889	0.00020296	0.0002134	0.00020872	0.00022224	0.00022455	0.00022332
0.0098912	0.01314378	0.01526534	0.01824528	0.02312986	0.02415452	0.02661301	0.02579964
0.00290589	0.00294047	0.00238624	0.00267761	0.00252756	0.00220482	0.00274468	0.00341141
0.00808972	0.00909342	0.01257339	0.014138	0.01523334	0.01797691	0.01928433	0.0205884
0.00055791	0.00036448	0.00042204	0.00067158	0.00071606	0.0007528	0.00130185	0.00081031
0.0094103	0.01089465	0.00984417	0.00929985	0.00945622	0.00985424	0.01013533	0.00894048
0.00244668	0.00233545	0.00189642	0.00226981	0.00251828	0.00248234	0.00213902	0.00243371
0.00082851	0.00092189	0.00101803	0.00104234	0.00118424	0.00116532	0.00141372	0.00129622
0.00028737	0.00035858	0.00043815	0.00066867	0.00046227	0.00051249	0.00051323	0.00062101

0.16185532	0.18338032	0.18059787	0.19529508	0.20184593	0.20990681	0.22509802	0.22506498
0.00166385	0.00184775	0.0016405	0.00147682	0.00136945	0.00144128	0.00174417	0.00154302
0.0006576	0.00067192	0.00076524	0.00081992	0.00097609	0.00121112	0.00124015	0.00133088
0.00107333	0.00136975	0.00111011	0.00108043	0.00072399	0.00046529	0.00041528	0.00036279
0.00318294	0.00357001	0.00373294	0.00620814	0.0068055	0.00903581	0.00976907	0.00919278
0.00278601	0.00301056	0.00331447	0.00343521	0.00343828	0.00341306	0.00377939	0.00401234
0.00172505	0.00194327	0.00152852	0.00177677	0.00342728	0.0038539	0.00407424	0.00390339
0.00054958	0.00058788	0.0005708	0.00067796	0.00068677	0.00063622	0.00088803	0.00095676
0.00062647	0.00062647	0.00062647	0.00062647	0.00062647	0.00062647	0.00062647	0.00062647
0.0074194	0.00720146	0.00710012	0.00699077	0.00818467	0.00755087	0.00733512	0.00694544
0.00080073	0.00078135	0.00081424	0.00078812	0.00082006	0.00083186	0.00086828	0.00093613
0.08664979	0.08525946	0.1030709	0.10140727	0.10164625	0.09042171	0.0855139	0.08791747
1.03E-05	4.0944E-05	3.4459E-05	1.5264E-05	3.6122E-05	2.657E-05	1.9029E-05	6.11E-06
0.00042057	0.00043098	0.00055458	0.00075621	0.00069346	0.00075439	0.00070816	0.00088702
0.00017252	0.00023269	0.000195	0.00025561	0.00033765	0.00049807	0.00039674	0.00035175
0.01643713	0.01815155	0.01895178	0.02164565	0.02242714	0.0237998	0.02052594	0.02269319
0.00972966	0.01158677	0.01237351	0.01350189	0.01266337	0.01330662	0.01488916	0.01477272
0.13554553	0.13315216	0.12762353	0.12168817	0.12502673	0.12994151	0.12921432	0.12730762
0.01535314	0.01713396	0.01816655	0.01747573	0.01934925	0.01966939	0.02001115	0.02115113
	1.4855E-05	7.4273E-06				1.0752E-07	9.996E-08
0.02332502	0.02375881	0.02358721	0.02185175	0.02162237	0.02072647	0.02123786	0.02032112
0.02612098	0.02936713	0.0290421	0.03115081	0.03246075	0.03128281	0.03199212	0.03234334
0.03623624	0.03752904	0.03980927	0.04096263	0.05088396	0.05582341	0.06389257	0.05227366
0.00447402	0.00420606	0.00457626	0.00458272	0.00448925	0.00469915	0.00381937	0.00467905
0.02384396	0.02306195	0.02534556	0.03129989	0.02704362	0.0254934	0.02851998	0.02525928
0.02351125	0.02486843	0.02557009	0.02732934	0.03048873	0.03819293	0.04316526	0.04592434
0.00077704	0.00085286	0.00039617	0.00046819	0.00044162	0.00042278	0.00044198	0.00045475
0.00130866	0.00115858	0.00136873	0.00168853	0.00172875	0.00189136	0.00191889	0.00218653
0.10916533	0.13110151	0.11569325	0.12112896	0.12149007	0.10667139	0.09643323	0.10163759
0.00411075	0.00386532	0.00376577	0.00437822	0.00442156	0.00390594	0.00431302	0.00594935
0.00217516	0.00220609	0.00226202	0.00236846	0.002538	0.00311168	0.00318903	0.00331119
0.03801118	0.03643041	0.03417382	0.03644632	0.04101568	0.04269345	0.04794019	0.04545808
	1.6109E-06	2.2645E-06	2.2645E-06	2.2645E-06	2.2645E-06	1.0575E-06	1.0892E-06
0.00024012	0.00022956	0.00026818	0.00029935	0.0002924	0.00029766	0.00028082	0.00030594
0.03003575	0.03422743	0.03419051	0.03819676	0.04006801	0.04084838	0.04401804	0.04536114
0.00061914	0.00061913	0.00061912	0.00061911	0.0006191	0.00061908	0.00061906	0.00061904
0.01681632	0.01654758	0.0145583	0.01713332	0.01823907	0.01815125	0.01848091	0.01765034
0.63625205	0.66222472	0.66157436	0.65199927	0.62280288	0.61299588	0.62055983	0.64485603
0.00015673	0.00018612	0.00019716	0.00017711	0.00018273	0.00020803	0.00025657	0.00029004
0.23060705	0.26573532	0.27204296	0.27617407	0.29476722	0.30404115	0.31636743	0.29589929
0.01240527	0.01117404	0.01172686	0.00953638	0.01141807	0.01140816	0.01127247	0.01094591
0.00161461	0.00231824	0.00215364	0.00254859	0.00471804	0.00550899	0.00566869	0.00561994
0.00427869	0.00389948	0.0032569	0.00482948	0.0042428	0.00473885	0.00573298	0.00622892
0.04555383	0.04718398	0.05244663	0.05465254	0.05448899	0.05705196	0.05722354	0.05603029
2.7657E-06	2.8971E-06	3.535E-06	3.529E-06	3.5569E-06	3.7361E-06	3.9153E-06	4.1169E-06
9.7088E-05	9.6053E-05	0.00011052	0.00011851	9.9898E-05	9.7591E-05	9.5882E-05	0.00010755
0.00031294	0.0003283	0.00039257	0.00042749	0.00036808	0.00037016	0.00034991	0.0003514
0.00626221	0.00784203	0.0079845	0.00813873	0.01002669	0.01127792	0.01281042	0.01270134
0.00048479	0.00046557	0.00049244	0.00051653	0.00050368	0.0004988	0.00048818	0.00049451
1.9068E-05	1.9166E-05	2.43E-05	2.5934E-05	2.6803E-05	2.7409E-05	2.4812E-05	2.8917E-05
3.4482E-05	3.5227E-05	3.8003E-05	3.8216E-05	4.0578E-05	4.1614E-05	3.9463E-05	3.9656E-05

0.0009577	0.00119869	0.0012296	0.00150741	0.00161199	0.00127314	0.00101809	0.00093351
0.01781383	0.02207531	0.02157037	0.01794423	0.02015797	0.02035027	0.02018757	0.01964906
0.00412405	0.00400733	0.00395914	0.00337001	0.00374126	0.00385172	0.00422986	0.00412316
0.16195985	0.19219482	0.19063781	0.18437856	0.18787679	0.20136296	0.21094445	0.20634745
0.00284983	0.00238836	0.00246966	0.00234585	0.00242077	0.00208025	0.00205804	0.00205804
0.00019682	0.00022106	0.000215	0.00025168	0.00026763	0.00029488	0.00028685	0.00026022
0.02465001	0.01872235	0.01511556	0.01318193	0.01214013	0.01167664	0.01207836	0.01189962
3.7697E-05	3.8443E-05	4.7856E-05	5.2071E-05	5.5344E-05	5.7822E-05	5.6563E-05	6.1706E-05
0.0002502	0.00031598	0.00034404	0.00036533	0.00036208	0.00035635	0.00043966	0.00046763
9.0424E-05	9.4171E-05	8.5163E-05	0.00027471	0.0002049	0.00056358	0.00026163	0.00018248
0.16125934	0.1709817	0.21176611	0.22915414	0.23955525	0.44632544	0.38728278	0.38421421
1.8346E-05	2.3512E-05	1.3838E-05	4.0063E-05	5.972E-05	0.00010976	0.00020146	0.00030969
0.0201718	0.01983113	0.01832107	0.01839802	0.02136047	0.02181452	0.02196572	0.02281655
6.579E-05	7.5718E-05	0.00012902	0.00016741	0.00015218	0.00015329	0.00015189	0.00016356
3.0184E-05	2.9414E-05	3.2312E-05	4.0233E-05	3.9253E-05	4.2369E-05	4.9494E-05	4.5922E-05
0.00873659	0.00888293	0.00885497	0.00876779	0.00860007	0.00794136	0.00800259	0.00767385
0.01522371	0.01635761	0.0165557	0.01751374	0.01686293	0.01679725	0.01718751	0.01750635
0.09439833	0.09464881	0.09290642	0.1044949	0.09221077	0.08961808	0.10365175	0.09582015
0.08722568	0.08747415	0.08634655	0.0882615	0.0921375	0.09251482	0.09450803	0.09484579
0.00360493	0.00437043	0.00485847	0.00424803	0.00479672	0.00470721	0.00495839	0.00530351
0.00168333	0.00155019	0.00175085	0.00254323	0.00362266	0.00372346	0.0021451	0.00307169
0.05926592	0.05942634	0.06111559	0.05154318	0.04741143	0.05761295	0.05338148	0.05804646
0.00647231	0.00882511	0.0078337	0.00855865	0.01091618	0.01079709	0.01092535	0.01122524
1.70519276	1.83964605	1.7809935	1.82770056	1.89605219	1.87229532	1.80675802	1.93121534
0.01925794	0.01918985	0.02266043	0.02300158	0.02327232	0.02560764	0.0298853	0.02406212
7.0579E-05	8.1649E-05	0.00010882	0.00011248	0.00012165	0.0001118	0.00011539	0.00012764
0.02826605	0.03479868	0.03491089	0.0351033	0.04283145	0.039972	0.03841652	0.03705518
3.8721E-05	3.9413E-05	5.01E-05	5.1966E-05	5.4491E-05	5.4944E-05	4.8592E-05	6.3414E-05
0.03669455	0.03674948	0.03835161	0.04165735	0.04429647	0.07829865	0.07481241	0.08197481
4.7595E-05	3.9263E-05	4.3848E-05	5.6501E-05	4.8307E-05	5.041E-05	5.5016E-05	7.5329E-05
6.9167E-05	6.8658E-05	7.7694E-05	8.9743E-05	9.7297E-05	0.00010586	0.00010261	0.00010681
0.00511634	0.00623239	0.00718023	0.00673064	0.00501516	0.00398859	0.0031461	0.00224577
0.05056067	0.05179726	0.05275115	0.05478765	0.05150887	0.05273891	0.05091304	0.05285476
3.9363E-05	3.5928E-05	3.5928E-05	0.00029011	0.00032853	0.00038199	0.00084833	0.00103319
0.00517564	0.00334695	0.00360435	0.00333961	0.00313117	0.00328211	0.00297565	0.00342009
0.00088378	0.00073975	0.00076045	0.00107483	0.00134501	0.00137217	0.00157182	0.00285978
0.01694	0.017941	0.018942	0.018942	0.018942	0.018942	0.018942	0.018942
0.04058842	0.04069661	0.03747189	0.04087189	0.04174347	0.03952936	0.03434166	0.04378752
0.00017017	0.00017975	0.00020387	0.00020106	0.00017174	0.000201	0.00020291	0.00022459
0.02849388	0.02287592	0.02447292	0.02525585	0.02561028	0.02361277	0.02494567	0.02598503
0.01819433	0.01809949	0.01904915	0.01902033	0.01862654	0.01820045	0.01938395	0.01715383
0.00059085	0.00050275	0.00040943	0.00040943	0.00040943	0.00040943	0.00040943	0.00040943
0.06558994	0.06246177	0.06201637	0.05484634	0.0494975	0.05590152	0.052195	0.05558082
0.00742773	0.00736207	0.00729739	0.00734973	0.00730915	0.00729975	0.00737325	0.00738154
0.02971528	0.02796421	0.02991064	0.03032879	0.02623318	0.02886867	0.02797381	0.02757896
0.00129507	0.00139464	0.00143759	0.00157468	0.00162706	0.00160146	0.001504	0.00169323
0.00708022	0.00730725	0.00643715	0.0071789	0.00733036	0.00595523	0.00658736	0.00662444
0.15374675	0.15767926	0.15487842	0.14866208	0.14723609	0.15160486	0.15511052	0.15892238
0.0029787	0.00252868	0.00253484	0.00244814	0.00321583	0.00327201	0.00333832	0.00370927
0.1285793	0.13978007	0.14239618	0.14915339	0.14338022	0.1503605	0.15427278	0.1552736

0.00321703	0.0031901	0.00290332	0.00290332	0.00290332	0.00290332	0.00290332	0.00290332
0.0416501	0.02415282	0.01137416	0.01047742	0.01179112	0.02810248	0.02730384	0.03542081
3.97925399	4.45571252	4.98110474	5.86293367	5.57159595	5.7149037	5.90431927	6.30257863
0.00586551	0.00661409	0.00702243	0.00678398	0.00652202	0.0065746	0.00692158	0.00707533
0.01477127	0.01493042	0.01567849	0.01672058	0.01461467	0.0135561	0.01589645	0.01475205
0.23379187	0.22542722	0.22354969	0.23083735	0.22863795	0.23910126	0.24389036	0.2399685
2.016E-08		2.4192E-07	5.4432E-07	7.3584E-07	2.2579E-07	5.0198E-07	4.8787E-07
0.00961027	0.0093333	0.00701156	0.00888208	0.00893491	0.00855065	0.00851357	0.01170725
0.03326232	0.05563094	0.05539063	0.04328334	0.01002692	0.02590403	0.0454329	0.02982907
0.03889845	0.03939504	0.03796648	0.04048773	0.04050607	0.04024099	0.04341807	0.0431481
0.03698097	0.03801611	0.04154374	0.04555123	0.04137324	0.03782867	0.03769227	0.03612452
0.06629395	0.0639331	0.06153375	0.06670094	0.06063314	0.06248902	0.06503661	0.06070635
				0.0004466	0.00045892	0.00065604	0.00132132
0.06290268	0.06350552	0.06873542	0.07005272	0.06986539	0.06429296	0.06528084	0.06684273
0.00748255	0.00804096	0.00780349	0.00790574	0.00669284	0.00753368	0.00892584	0.010318
0.07149664	0.07955086	0.079534	0.079534	0.079534	0.079534	0.079534	0.079534
0.00306953	0.00315022	0.00287672	0.0031108	0.00293	0.0028915	0.00283791	0.00267036
				0.00101024	0.00081004	0.00115808	0.0013706
0.00098857	0.00128436	0.00137674	0.00156154	0.00156154	0.00149994	0.00154101	0.00153416
0.00582892	0.00491584	0.00533112	0.0056415	0.00608782	0.00549246	0.0060778	0.00589488
0.06304212	0.0628513	0.06344688	0.04279421	0.06762132	0.07231217	0.07890469	0.08019003
0.21869889	0.22490569	0.23983509	0.2581189	0.26516566	0.29153237	0.32041041	0.33129521
0.37418444	0.30504167	0.29208674	0.36077436	0.34731151	0.40716415	0.39576997	0.43012419
9.6096E-05	4.8048E-05						
0.00369846	0.00406006	0.00385616	0.00337999	0.00374405	0.00367438	0.00373913	0.00376352
0.00173712	0.00179256	0.001848	0.001848	0.001848	0.001848	0.001848	0.001848
0.04529733	0.04565569	0.04037888	0.03903071	0.03738102	0.03821598	0.03867939	0.03639337
0.31953452	0.31657121	0.32993931	0.33168196	0.32596525	0.54844696	0.55174401	0.56223773
0.06397017	0.06423449	0.06271717	0.06502941	0.06446639	0.06819042	0.07129871	0.07507727
0.2193619	0.2264635	0.22770133	0.23624073	0.24972199	0.25064266	0.25455743	0.25767287
0.0136521	0.01444905	0.015246	0.015246	0.015246	0.015246	0.015246	0.015246
0.08580631	0.09517615	0.003234	0.003234	0.003234	0.003234	0.003234	0.003234
0.0036064	0.0036064	0.0036064	0.0036064	0.0036064	0.0036064	0.0036064	0.0036064
0.0010094	0.001568	0.00038567					
0.07055827	0.07035547	0.07074178	0.07197021	0.06922081	0.06400934	0.06588278	0.06832927
0.00565576	0.00436709	0.00485989	0.00472806	0.00393342	0.0022835	0.00105119	0.00146018
0.00805	0.00805	0.00819784	0.0098672	0.009898	0.01003543	0.00997087	0.0099288
0.00000196	0.00000196						
0.1310758	0.13254484	0.11446117	0.12116803	0.11841246	0.16309103	0.18089785	0.17488693
0.00260736	0.00269976	0.00279216	0.00279216	0.00279216	0.00279216	0.00279216	0.00279216
0.10145721	0.09278824	0.08946845	0.09056241	0.08750161	0.08993313	0.09070379	0.08924608
0.11200073	0.10894218	0.10773775	0.11067482	0.11751824	0.11118902	0.12390945	0.11840522
0.0546024	0.07259829	0.09254594	0.14252047	0.12055897	0.14125501	0.12636698	0.10465354
0.134918	0.19829834	0.26231407	0.32653155	0.39040284	0.4545936	0.51765054	0.45397567
0.002058	0.002058	0.00129572	0.00123126	0.00099072	0.00125775		

0.0000084	0.0000084	0.0000084	0.0000084	0.0000084	0.0000084	0.0000084	0.0000084
3.5806E-05	3.5806E-05	3.5806E-05	3.5806E-05	3.5806E-05	3.5806E-05	3.5806E-05	3.5806E-05
0.02389704	0.02259013	0.02356564	0.02490572	0.02577325	0.02320625	0.02412272	0.02215005
0.00179144	0.00180992	0.00179854	0.00179854	0.00179854	0.00179854	0.00179854	0.00179854
0.00282535	0.00177434	0.00251607	0.00310367	0.00329951	0.00334048	0.00338498	0.00202276
0.0000588	0.00008624	0.0000882	0.00009212	9.4207E-05	6.7847E-05	4.7628E-05	0.00029593
0.07736451	0.07318745	0.08308899	0.07323554	0.08228216	0.07595014	0.08089228	0.08503478
0.04317362	0.04292697	0.04364908	0.04375536	0.04472793	0.04459211	0.04410972	0.0443287
0.44084912	0.46428736	0.47667788	0.47809921	0.48671185	0.48515263	0.51563133	0.53609582
0.76726068	0.74511815	0.7460881	0.73333513	0.74165346	0.70707318	0.72294219	0.73048177
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0.05397884	0.05241428	0.07014669	0.07057168	0.07400768	0.05101893	0.06817371	0.06821315
0.01271745	0.01268321	0.01217308	0.01304896	0.01312213	0.01395252	0.01532591	0.01499177
0.00644	0.00644	0.00644	0.00644	0.00644	0.00644	0.00644	0.00644
0.01219765	0.0109019	0.01117442	0.01172882	0.01245607	0.01082728	0.01126793	0.01126732
0.04405473	0.05136352	0.05292475	0.05521436	0.05678326	0.05601844	0.05869392	0.0618134
2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06
0.38023048	0.35360752	0.3627652	0.35324044	0.35521752	0.29978387	0.32038427	0.32723308
0.01529944	0.01536985	0.01715678	0.01449576	0.01635941	0.01614677	0.01686716	0.01699025
0.13691257	0.13321938	0.14665622	0.15785248	0.15924866	0.16140316	0.16174217	0.16826195
0.1320153	0.13631352	0.13441904	0.12701954	0.11007084	0.11865743	0.11389514	0.11417473
0.47186794	0.50134194	0.51071072	0.54279833	0.66071055	0.79933089	0.82317799	0.91049979
0.00134392	0.00141164	0.0012936	0.0012936	0.0012936	0.0012936	0.0012936	0.0012936
0.1076292	0.1087996	0.1087688	0.1086456	0.1081528	0.1067052	0.10484704	0.104272
0.15901971	0.14772012	0.15218754	0.17320633	0.16320747	0.15011327	0.15328308	0.16045631
0.0060585	0.0042196	0.00462185	0.00659459	0.00356017	0.00240856	0.00439824	0.011242
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0.02474027	0.02208023	0.01495739	0.01028456	0.01374276	0.01001654	0.00956261	0.01255266
0.032809	0.04208915	0.04428765	0.0464888	0.04457848	0.04224842	0.03449716	0.03514717
0.00012594	0.00012473	0.00013237	0.00013061	0.0001279	0.00012988	0.00013216	0.00012653
0.09400937	0.09470606	0.09638677	0.0993727	0.1049949	0.11014243	0.11624255	0.12147909
0.00487073	0.0046272	0.00515091	0.00526259	0.00532449	0.00516833	0.00513577	0.00546516
0.00527458	0.00501439	0.00472552	0.00473259	0.00446405	0.00474643	0.00465628	0.00450355
0.10051277	0.09852857	0.11774431	0.12123149	0.10118346	0.11308304	0.12479032	0.12802791
0.2430257	0.26681891	0.26237568	0.24295682	0.26288404	0.24457156	0.2459603	0.25074902
0.02972049	0.03347466	0.03041255	0.02908937	0.02121058	0.0161815	0.01489685	0.0175629
0.00037093	0.00037116	0.00041769	0.00045828	0.00047606	0.00049921	0.00043637	0.0004646
0.27503499	0.26499962	0.25016421	0.23900288	0.22585655	0.22790186	0.21826061	0.20813924
0.03224972	0.03140708	0.0313168	0.03001131	0.02928777	0.02860718	0.0277934	0.02748979
0.03506406	0.03666561	0.03856895	0.03904733	0.03450431	0.03000359	0.03364238	0.03517226
0.0011469	0.00107456	0.00126473	0.00107533	0.001132	0.00136726	0.00163261	0.00210695
0.03439718	0.03171715	0.02945045	0.02930812	0.02892897	0.03025573	0.02960742	0.0310842
0.02506168	0.02525661	0.02878115	0.02970549	0.0328001	0.04649675	0.04783549	0.05233453
0.00600244	0.00721725	0.00930858	0.0080087	0.01067663	0.01088887	0.01275576	0.01359312
0.21142056	0.19419101	0.19299609	0.17860414	0.18073422	0.19241063	0.1867432	0.16871979
0.04039449	0.04228619	0.04342221	0.04752014	0.05001055	0.05169509	0.05055516	0.04907131
0.01073008	0.01093527	0.01145064	0.01188144	0.01156817	0.01171739	0.01205485	0.01258091
0.00149347	0.00166893	0.00175802	0.0018615	0.00183229	0.00197402	0.00216409	0.00243009



0.00847859	0.00746404	0.00975909	0.0099872	0.01030318	0.0116474	0.01263178	0.01210746
0.0522018	0.05264217	0.05107981	0.04792265	0.04268668	0.04127852	0.04267546	0.04410742
0.00025756	0.00026279	0.00032644	0.00033008	0.00040167	0.00041038	0.0004449	0.00038696
0.0002677	0.00029117	0.00031846	0.0004455	0.00037695	0.00049398	0.00044925	0.00049146
0.03961613	0.04747873	0.04898467	0.05026882	0.05431105	0.05338903	0.05626581	0.05985676
0.96919856	1.00103287	0.95683216	0.94137822	0.85054915	0.7710869	0.76143568	0.70139653
0.0009723	0.00088438	0.00100551	0.00094415	0.00101718	0.00106443	0.0009263	0.00101823
0.00975776	0.00963547	0.00906153	0.00879321	0.00813488	0.00925151	0.00891164	0.00878319
0.00116383	0.00133368	0.00133067	0.00108544	0.00139048	0.00142906	0.00160932	0.00182113
0.01484793	0.01461686	0.01506748	0.01521514	0.01687003	0.01746537	0.01777784	0.01837041
0.00062966	0.000657	0.00045857	0.00046819	0.00069468	0.00081122	0.00085516	0.00085938
0.75960185	0.71114639	0.6901064	0.65562905	0.64762209	0.64220762	0.61814698	0.62685922
0.03615873	0.03440501	0.03244099	0.03073312	0.02819961	0.02735664	0.02657487	0.02629395
0.06828629	0.06800117	0.06715837	0.06515128	0.06539222	0.06311674	0.06161157	0.0594694
4.90701853	4.88947041	4.79736741	5.04798093	5.10226066	4.84354256	4.77828998	4.8573661
0.00813929	0.01276198	0.01418177	0.01537748	0.01781463	0.0261381	0.02193088	0.024712
0.01787124	0.01892145	0.02068226	0.02168397	0.02151409	0.02241529	0.02114345	0.02180591
0.01275107	0.01206376	0.01920176	0.02563714	0.01512203	0.01155915	0.0126874	0.01256398
0.00771103	0.00731057	0.00874644	0.00928727	0.00809604	0.0076693	0.0073831	0.00697315
0.00011435	0.00012876	0.00011999	0.00010947	0.00010496	0.00010238	0.0001104	0.00011195
0.12588402	0.13616081	0.13301628	0.13631866	0.14698653	0.14949706	0.14716331	0.14888991
0.00042443	0.00044981	0.00057463	0.00047535	0.0005303	0.00067148	0.00087533	0.00092471
0.00265507	0.00233716	0.00242819	0.00240478	0.00247098	0.00280441	0.00299952	0.00291926
0.02242537	0.02297725	0.02310522	0.02339089	0.02437619	0.02657775	0.02690885	0.02656363
0.00645562	0.00590023	0.00628961	0.00630003	0.00659841	0.00685721	0.00747538	0.00725203
0.00034886	0.00031299	0.00034871	0.00037985	0.00041006	0.0004169	0.00044236	0.00042524
0.00527902	0.00481792	0.00427682	0.00400694	0.00402033	0.0041263	0.00410498	0.00403088
0.04600756	0.04270329	0.03968956	0.0398127	0.03761292	0.03877005	0.03822982	0.0373164
0.32557822	0.31632086	0.31439075	0.3035732	0.28494238	0.27980735	0.27673367	0.26173322
0.00190714	0.00248547	0.00273539	0.0025678	0.00239357	0.00233794	0.00206541	0.00209544
9.0606E-05	8.703E-05	9.4503E-05	0.0001076	0.00011642	0.00012119	0.00010691	0.00011593
0.0220987	0.01934019	0.01748579	0.01682948	0.01737393	0.01710997	0.0167439	0.01675055
0.02816064	0.02978187	0.02483202	0.02044021	0.0241499	0.02575118	0.02505096	0.0277683
0.42262204	0.46602388	0.48934506	0.49817122	0.43219607	0.31250687	0.27268878	0.25308791
0.06224812	0.06472483	0.06778119	0.07164213	0.07372078	0.07628607	0.08019835	0.08207072
0.84221774	0.87470188	0.81630798	0.81331881	0.70397585	0.54963847	0.48141612	0.47748257
0.0009284	0.0008546	0.00077362	0.00074498	0.00073453	0.00078594	0.00077163	0.00082549
0.00196032	0.00194305	0.00199222	0.00185356	0.00153021	0.00114754	0.00088239	0.00084586
0.20226163	0.17909998	0.16172669	0.14852522	0.13796057	0.14324598	0.14711571	0.14895792
0.00345585	0.00329693	0.00310773	0.00311061	0.00339342	0.0036129	0.00382891	0.00423189
0.01260357	0.0144182	0.01635647	0.01837195	0.02124902	0.02633739	0.02920421	0.03200031
0.030152	0.02758928	0.0251626	0.02472156	0.02403225	0.0230323	0.02269437	0.02262693
0.00143322	0.00149594	0.00150354	0.00146679	0.00161078	0.00145322	0.00162079	0.0017064
2.217E-05	2.2078E-05	2.4845E-05	2.6661E-05	2.8371E-05	3.0456E-05	2.6932E-05	2.9134E-05
0.19423118	0.18120886	0.17165754	0.16516344	0.15806653	0.156935	0.15768826	0.1580466
0.00398186	0.00392567	0.00444695	0.00438119	0.00429347	0.00451868	0.00182208	0.00180797
0.18506192	0.169855	0.15774783	0.1514189	0.14836032	0.14520903	0.14128461	0.1381467
0.01409914	0.01465476	0.02840419	0.0313795	0.02712772	0.02427308	0.02094008	0.02036306
0.03726107	0.04427817	0.04858078	0.04805201	0.05129432	0.04807636	0.04738179	0.0543214
0.00040495	0.00040731	0.00043639	0.00047942	0.00051203	0.00055624	0.00060335	0.00065104
0.00761805	0.00742216	0.00702902	0.0068478	0.00788661	0.00924619	0.00922847	0.00891249

0.00174733	0.00173102	0.00171137	0.00169201	0.00165068	0.00163548	0.00162322	0.00160077
0.00140187	0.00137768	0.00146963	0.00149178	0.00157885	0.00172191	0.00175486	0.00171271
0.0009592	0.0009898	0.00108194	0.00104887	0.00112133	0.00126649	0.0010222	0.00099422
0.00265604	0.00277839	0.00294383	0.00305176	0.00315553	0.00335475	0.0030695	0.00300193
0.08680586	0.0651805	0.07029701	0.06958006	0.07013718	0.07028659	0.06662038	0.06527447
0.0001607	0.00015587	0.00019751	0.00018016	0.00019145	0.00020209	0.00020149	0.00020603
0.00017021	0.00016283	0.00016226	0.00015955	0.0001611	0.0001801	0.00018676	0.00017379
0.0277396	0.02769394	0.02882942	0.03087752	0.03514711	0.03811469	0.03929844	0.04051291
0.0005738	0.00056845	0.00056199	0.00055563	0.00054206	0.00053707	0.00053304	0.00052567
0.00333891	0.0035374	0.00341167	0.0036638	0.00355792	0.00383807	0.00384106	0.00384893
0.03191277	0.02961116	0.02909961	0.02832912	0.02785549	0.02676352	0.02546823	0.02267296
0.01436975	0.01465537	0.01435013	0.0148064	0.0171858	0.01746054	0.01735452	0.01753748
0.01561162	0.01439636	0.01402267	0.01370524	0.01386346	0.01401887	0.01383134	0.01341316
0.00479686	0.00466041	0.00436008	0.00541845	0.00628534	0.00640992	0.00644454	0.00644786
0.02368076	0.02152406	0.01975974	0.01976313	0.02078154	0.02070175	0.0206886	0.02088437
0.76958241	0.81125891	0.8073157	0.77539963	0.70877192	0.8173653	0.81467879	0.8432044
1.54729644	1.50911024	1.47863096	1.50260508	1.53902218	1.72414168	1.77135083	1.77804189
0.01770755	0.01551366	0.0135054	0.01345943	0.01206636	0.01201482	0.01109394	0.01038463
1.91262821	2.07633927	2.03652613	2.15141569	2.20910312	2.26727481	2.29480255	2.23880417
0.10482317	0.10653818	0.10422943	0.08316852	0.07317605	0.07550624	0.08564222	0.09793829
0.00239324	0.00252075	0.00242792	0.00237028	0.00237919	0.00246381	0.0024655	0.00241808
0.05283989	0.05236267	0.05013749	0.05039956	0.0487541	0.05085835	0.05197506	0.05196923
0.40156532	0.39081334	0.39820421	0.40208984	0.40553047	0.38830198	0.3804786	0.3775851
0.01081281	0.00920291	0.00935137	0.00947425	0.00919358	0.01042145	0.01052789	0.01155485
0.01954383	0.02088046	0.02236219	0.02187208	0.02237846	0.02361427	0.02635221	0.02583717
0.76481971	0.72326936	0.69990575	0.66504464	0.6561403	0.60426995	0.58701784	0.55262268
0.09322656	0.09527584	0.09024767	0.10513168	0.10217664	0.09741316	0.09151777	0.10128869
0.02743686	0.02923657	0.03631585	0.04068004	0.04986026	0.05616569	0.05649053	0.06121273
0.01818198	0.02445158	0.02231067	0.01832938	0.01622633	0.01875738	0.00726293	0.00598399
0.01793951	0.01672574	0.0160072	0.01652869	0.01718783	0.02009617	0.02143705	0.02175743
6.9603E-05	7.2974E-05	6.9349E-05	5.9826E-05	6.5159E-05	6.563E-05	7.5529E-05	7.695E-05
0.00013617	0.00013107	0.00014674	0.00015952	0.00016677	0.00017691	0.00016386	0.00017152
0.27030814	0.25655867	0.2579017	0.2488846	0.24770238	0.23765519	0.2302802	0.21681169
0.04545191	0.04372289	0.04699371	0.047342	0.04634935	0.04643996	0.04894291	0.05136045
0.00627714	0.00602174	0.00743555	0.00736589	0.00718293	0.00959077	0.00915672	0.00865118
0.02404826	0.02828152	0.02534142	0.02677879	0.02838834	0.03023374	0.03153206	0.02876362
0.00258353	0.0028916	0.00276411	0.00334098	0.00349545	0.0043206	0.0037396	0.00411656
0.31316211	0.39767006	0.41498596	0.39671184	0.29554104	0.22192129	0.18554198	0.16635031
0.00024638	0.00023885	0.00026814	0.00029075	0.00029784	0.00031073	0.00030867	0.00029451
0.04974234	0.05833042	0.04714697	0.04841423	0.05241586	0.07708981	0.07202751	0.06245923
0.00164609	0.00178976	0.00191674	0.00184961	0.00185235	0.00220772	0.00241679	0.00228877
0.01827772	0.01701657	0.01649054	0.01664403	0.01658404	0.01610049	0.01534168	0.0148552
0.00697945	0.006362	0.00562341	0.00505929	0.00443222	0.00425238	0.00437651	0.00460109
0.0086328	0.0085661	0.00873186	0.00877752	0.00853293	0.00812283	0.00770141	0.00736611
0.00327205	0.00332185	0.00311688	0.00277785	0.00421278	0.00363816	0.00345435	0.0030755
0.10172108	0.0997348	0.09590868	0.09169843	0.08570995	0.07529046	0.07114644	0.06883917
0.00963771	0.00792056	0.00784031	0.00784267	0.00858757	0.00834599	0.00818484	0.00833308
0.0043699	0.00464271	0.00476382	0.00488386	0.00497917	0.00599389	0.00605847	0.0063348
0.00356425	0.00458886	0.00461478	0.00535214	0.00420998	0.00443944	0.00473988	0.00550698
0.95869599	0.94017726	0.90815824	0.85895948	0.83404375	0.8325432	0.7848524	0.7352371
0.00558056	0.00487685	0.00524964	0.00540478	0.00586472	0.00628324	0.00613936	0.00611547

0.00647385	0.00696952	0.00797277	0.00787489	0.00984253	0.0137548	0.01521603	0.01563305
0.00150399	0.00137973	0.0012876	0.00120739	0.00116808	0.00120217	0.0011721	0.00116842
0.02428119	0.0264345	0.02694471	0.02862133	0.02746939	0.03090931	0.04058329	0.04233498
0.00975913	0.00994052	0.00910369	0.00918796	0.00863694	0.00739846	0.0078608	0.00806749
0.0106605	0.01215532	0.01325795	0.01516482	0.01536603	0.01828403	0.01721268	0.01717681
0.00612305	0.00684766	0.00652285	0.00720058	0.00738879	0.00744361	0.01143693	0.01174088
0.00172063	0.00170457	0.00168522	0.00166616	0.00162546	0.00161049	0.00159842	0.00157631
0.00567582	0.00581716	0.00610872	0.00624365	0.00661216	0.0072638	0.0074994	0.00757985
0.00252091	0.00251284	0.00277424	0.0026064	0.00249208	0.00315717	0.00364949	0.00411459
0.3189345	0.3114099	0.39937359	0.39246441	0.35597306	0.41834221	0.39646445	0.38136861
0.01331898	0.01215531	0.01295628	0.01338642	0.01397049	0.01420308	0.01401311	0.01403736
0.00253169	0.00293383	0.00303692	0.00306821	0.00294536	0.00280729	0.00265637	0.00288443
0.00508228	0.00767139	0.00752601	0.00802288	0.00878378	0.00804343	0.00715099	0.00783976
0.33123693	0.35976222	0.43409	0.46039223	0.42205776	0.47249776	0.47029444	0.49328534
0.00705698	0.00752091	0.00755988	0.00814402	0.00892981	0.00949265	0.00997368	0.00893256
0.09503611	0.08940788	0.08294508	0.07280991	0.07019404	0.07089195	0.07201293	0.07203507
0.02945936	0.02906348	0.02801195	0.02743441	0.03064413	0.0301928	0.03055816	0.0333133
0.01208891	0.01102723	0.01128332	0.01246333	0.00962688	0.01724551	0.01945111	0.02010707
0.09349637	0.09142877	0.08953106	0.08760264	0.08830398	0.08978096	0.09069616	0.0883069
0.03703605	0.03906322	0.0427458	0.04483434	0.04429878	0.04239191	0.04242449	0.04152803
0.72880074	0.62050896	0.57207081	0.47767019	0.48302245	0.55812419	0.56823177	0.50460191
0.0177507	0.01800592	0.0180196	0.01927215	0.02064024	0.0222333	0.02282695	0.02242201
0.07749969	0.08857262	0.09047584	0.08946959	0.09734881	0.10379074	0.10543992	0.10927532
0.12844323	0.12330998	0.12149958	0.11560613	0.12472349	0.14930075	0.15402508	0.154367
0.0042351	0.00854562	0.00427259	0.00159676	0.001433	0.00136112	0.00135313	0.00133202
0.00944091	0.00865354	0.00870414	0.00784617	0.00986321	0.01090971	0.01133937	0.01180512
0.22026467	0.20943841	0.19787707	0.19319818	0.19491567	0.20535392	0.21911132	0.22116081
0.01282154	0.01258595	0.01129553	0.01100909	0.0118218	0.01102912	0.00970242	0.00963119
0.00826084	0.00755867	0.00773474	0.00673415	0.00636502	0.00725457	0.015306	0.01356858
0.03100301	0.02817924	0.02701926	0.02592947	0.02593822	0.0255333	0.02515717	0.02483223
0.01869517	0.01791518	0.01891	0.01996805	0.02137571	0.02572226	0.02935094	0.03080704
0.00117037	0.00120998	0.0011479	0.00097096	0.0010529	0.00097593	0.00096297	0.00100315
0.02841565	0.027323	0.02889709	0.03568263	0.0309547	0.03412552	0.034814	0.03087103
0.00733434	0.00720862	0.0072779	0.00713312	0.00711089	0.00727766	0.00725742	0.00719889
0.03121683	0.03053901	0.02549961	0.02476903	0.02320763	0.02456444	0.02579223	0.0254604
1.03134871	0.98500921	0.97136778	0.97267452	0.93294214	0.84184003	0.84041133	0.87034089
0.00264485	0.0028095	0.00331031	0.00336541	0.00387336	0.00383863	0.00385194	0.00388786
0.38358605	0.3888653	0.40700373	0.42445007	0.41551874	0.41439102	0.41268972	0.38787752
0.04217221	0.03979473	0.03714939	0.03693685	0.03366471	0.03277042	0.03073628	0.02781304
0.04623995	0.0503873	0.05209596	0.05340589	0.055686	0.06240272	0.06372498	0.06702949
1.69047067	1.57426847	1.56836091	1.62504088	1.69448901	1.73818856	1.80690504	1.81354105
0.00872131	0.00851685	0.00928687	0.00944187	0.01039812	0.0120259	0.01140392	0.01282335
0.0385269	0.03478642	0.03126447	0.02953701	0.02820304	0.0324753	0.03025437	0.02835864
5.113E-05	5.0199E-05	6.1983E-05	6.0575E-05	6.0905E-05	6.5037E-05	6.7617E-05	7.0499E-05
0.00045571	0.00048655	0.00045385	0.0003695	0.0003489	0.00031295	0.00031874	0.00033803
0.00226748	0.00263047	0.0033281	0.0033589	0.00278915	0.00308839	0.00305563	0.00293556
0.01479318	0.01313514	0.01339735	0.01351595	0.01544067	0.01628587	0.01647434	0.01675292
0.00231672	0.00234315	0.00250125	0.00230902	0.00247412	0.0027236	0.0027169	0.00264734
2.8192E-05	2.6123E-05	2.8705E-05	3.111E-05	3.0792E-05	3.0292E-05	2.6242E-05	2.8858E-05
0.00038685	0.00041418	0.00044213	0.00040815	0.00043897	0.00049361	0.00050274	0.00048005
0.00274432	0.00303273	0.0030263	0.00303717	0.00310367	0.00425809	0.00341501	0.00274438

0.00897015	0.00797135	0.00754715	0.0069539	0.0067983	0.0070985	0.00722087	0.00668718
0.00983196	0.00894302	0.00814715	0.00748361	0.00675833	0.00678109	0.00658697	0.00654604
0.0764205	0.07612019	0.07617927	0.07816771	0.07929898	0.07931866	0.08254839	0.08377946
0.00398379	0.00317136	0.00448757	0.00430298	0.00440438	0.00452608	0.00505081	0.00500556
0.00238165	0.00277281	0.00266591	0.00288031	0.00308694	0.00371974	0.00389768	0.00335545
0.04009694	0.03111257	0.01949542	0.01801628	0.0158568	0.0145759	0.0138946	0.01766188
9.7945E-05	9.538E-05	0.00010823	0.00012478	0.00013104	0.00013995	0.00013938	0.00014447
0.00156393	0.00278446	0.00307975	0.00295889	0.00310221	0.00330441	0.00516366	0.00543249
0.00874125	0.00733276	0.00612111	0.00345544	0.00458136	0.00494968	0.00585969	0.00695828
0.36363251	0.36346107	0.35970496	0.35539871	0.32871211	0.35562088	0.34538506	0.35069289
0.00291685	0.00576537	0.00471191	0.00790446	0.00666884	0.00584241	0.00530918	0.00533743
0.04166387	0.04041533	0.04106488	0.04521719	0.04400608	0.04073	0.04056355	0.04008621
0.00058085	0.0006642	0.00098566	0.00094362	0.00098201	0.00097147	0.00103828	0.00110421
0.00014691	0.0001548	0.00013807	0.00013033	0.00014122	0.00013884	0.00016963	0.00015042
0.01441709	0.01428869	0.01267375	0.01520345	0.01463602	0.01327233	0.01330515	0.01074689
0.07351503	0.0685441	0.06363642	0.06503003	0.057171	0.0423124	0.04096125	0.03952979
0.24496026	0.25759493	0.26582736	0.27301219	0.29317097	0.30733824	0.29841015	0.31112123
0.25112482	0.21563715	0.2030306	0.19527909	0.18059757	0.1771767	0.16336357	0.15174554
0.02293636	0.02880265	0.03344503	0.03131827	0.03628012	0.04353464	0.04258991	0.04300775
0.01069734	0.01355617	0.01419996	0.01556267	0.01820399	0.01990802	0.02101272	0.02255554
0.16419498	0.15690081	0.14771731	0.11824958	0.0988279	0.09974605	0.10192004	0.10040277
0.01452279	0.01499529	0.01572391	0.01600757	0.01597695	0.01651835	0.01718175	0.01672521
5.2603818	4.81530169	4.65035888	4.38490665	4.31242791	4.05005832	3.83847774	3.73355871
0.05218323	0.04537928	0.03795251	0.0368179	0.03331068	0.02972302	0.03197165	0.10867091
0.00011962	0.00014294	0.00013206	0.00015063	0.00015512	0.00015995	0.00017158	0.00016003
0.31262995	0.32229441	0.31555339	0.29974225	0.26433596	0.22537579	0.2097189	0.18071022
9.6399E-05	9.3556E-05	0.00010528	0.00011486	0.00011741	0.00012251	0.00010571	0.00013624
0.18747325	0.17356326	0.16140007	0.15056306	0.15977095	0.19567906	0.20802637	0.21174935
0.00021962	0.00019309	0.00017428	0.00017298	0.00016654	0.00016049	0.00018183	0.00023713
0.0003277	0.00035135	0.00032236	0.00028325	0.00034474	0.00034345	0.0003467	0.0003427
0.02571931	0.02016707	0.02911856	0.02913247	0.01163077	0.01031284	0.00980234	0.01070118
0.30162724	0.2898035	0.29359888	0.26397213	0.26778046	0.26537165	0.27173034	0.25998595
0.00799104	0.00991605	0.01074074	0.01224473	0.01447521	0.01410944	0.01293186	0.01223588
0.0136587	0.0153859	0.01796487	0.0156753	0.01443187	0.01209756	0.01291164	0.0171659
0.01564134	0.01565435	0.01578382	0.01585964	0.01589006	0.01597734	0.01610108	0.01622288
1.32641911	1.39580097	1.45972453	1.50913334	1.55394909	1.60127853	1.64919576	1.6899901
2.01159822	2.13568295	2.25871768	2.38539941	2.48663285	2.57122055	2.6629996	2.74931457
0.00235243	0.00238086	0.00240917	0.00243733	0.00246537	0.00246764	0.00246979	0.00247181
0.42258721	0.43182117	0.44162202	0.45169862	0.46304956	0.47228458	0.4817364	0.49187748
0.03634729	0.03678037	0.03731257	0.03729722	0.03756236	0.03775306	0.03785633	0.03821036
5.53030909	5.73521096	5.94889202	6.0997001	6.25803526	6.37357793	6.45638337	6.57966949
8.82512116	9.02851643	9.25892034	9.45110683	9.60372948	9.64308341	9.87725787	9.94244971
0.40797007	0.41372956	0.42989915	0.43247713	0.43339961	0.44202152	0.43899834	0.44047257
0.03855724	0.03858388	0.03841943	0.03851748	0.03861157	0.03911686	0.03952177	0.04001268
14.6060048	13.200183	13.1448999	12.440271	11.6470843	11.8075248	11.6792103	12.6482499
2.37986032	2.20786788	2.36814313	2.2831376	1.85627225	1.90175183	2.08114562	2.19211463
2.50524599	2.56192608	2.61008237	2.68900011	2.71047091	2.77679631	2.76867669	2.81507025
0.64519071	0.67068232	0.69715914	0.72315224	0.74426667	0.76838622	0.79539429	0.82395111
2.64982921	2.39080004	2.50520509	2.45411588	2.41131078	2.53740526	2.48398609	2.5199964
0.91343742	0.94195779	0.97367311	1.00628298	1.03509004	1.06468064	1.09730066	1.13236345
1.46274976	1.52367608	1.59102394	1.65452553	1.72196386	1.78890556	1.86184008	1.93849331

10.0515499	10.3392727	10.6222066	10.9232785	11.2509577	11.5499842	11.8670089	12.1770665
6.06738912	5.55199381	5.52410639	4.50741373	6.23622866	6.14204937	6.24824616	5.78343454
0.73806919	0.73853428	0.78295405	0.77605931	0.78249306	0.82408392	0.85109484	0.87482761
0.25854355	0.26333051	0.26665244	0.26970428	0.27318927	0.27537099	0.27860948	0.28231164
0.8178278	0.81460466	0.81568438	0.83816211	0.82643921	0.81944939	0.85616573	0.8824248
4.4698898	4.5447085	4.75196631	4.93929645	5.1876549	5.26162387	5.24715451	5.32518373
0.2081267	0.21396908	0.21830331	0.22368019	0.23023941	0.23460786	0.24184703	0.24758622
0.01927573	0.01905038	0.01888105	0.01912841	0.01905	0.01897716	0.0189005	0.01838776
0.5972446	0.67629034	0.63284058	0.64134738	0.65448268	0.66938812	0.69523552	0.71015832
98.9696897	100.378043	104.805434	106.190542	109.608461	111.642758	112.965511	117.337934
0.11594448	0.115782	0.11496529	0.11478568	0.11453096	0.11468886	0.11537925	0.1156408
0.0872643	0.08904688	0.09061523	0.09178907	0.09326351	0.09453968	0.095966	0.09750671
0.09548891	0.10021789	0.10424405	0.10908121	0.11426601	0.11914416	0.12340701	0.12709666
0.31617915	0.32753152	0.34143669	0.35357953	0.36343457	0.3741494	0.38550215	0.39755392
0.34307782	0.35132315	0.31025249	0.30665627	0.31404422	0.32346666	0.33360358	0.34411396
18.6390105	18.7071717	17.9951212	19.1551153	19.5506773	19.2025088	18.9252557	19.5311272
0.2249962	0.21536297	0.21398072	0.22835419	0.23303637	0.23281769	0.23437625	0.23120254
10.6633761	10.9404609	11.0677308	11.1733486	11.0947995	11.2153686	11.309948	11.6503335
237.16664	245.934864	256.634153	269.291761	279.524709	288.387466	296.504056	305.679022
1.64682085	1.713031	1.7792698	1.85864873	1.94212808	2.01435013	2.08863468	2.16545455
2.02860948	2.11337126	2.20937274	2.31093022	2.41911325	2.51944199	2.61236541	2.70844619
7.02684251	7.39432444	7.80960187	8.27159831	8.71087615	9.04642011	9.40810769	9.83635122
0.52545842	0.54345261	0.56262942	0.58192685	0.60095154	0.61347309	0.62601917	0.64239123
0.00489256	0.00484519	0.00448688	0.00442963	0.00438969	0.00438478	0.00438142	0.00438546
16.9071254	17.3545942	17.6373915	18.1323979	18.537736	18.8910731	19.1497422	19.4564461
0.10979784	0.11306859	0.11672729	0.11988782	0.12276294	0.12609944	0.12968663	0.1333936
0.04685444	0.04786575	0.04886611	0.04986494	0.05091643	0.05210802	0.05321534	0.05450791
1.57594781	1.63285302	1.68556394	1.74063967	1.79157578	1.83593172	1.87252892	1.91222926
4.08062974	4.15567978	4.1925483	4.19867334	4.2372547	4.26895884	4.28924405	4.3183048
0.01577287	0.01602796	0.01626127	0.01651461	0.01677211	0.01703925	0.01730538	0.01756357
0.65099407	0.59280661	0.5709924	0.56518037	0.58706178	0.60386912	0.61068071	0.95260372
5.15802348	5.25248654	4.95404175	4.74254196	4.66629104	4.70696051	4.83809073	4.88889167
17.9838196	17.2618987	16.4735056	15.6861049	15.0784192	14.3650947	14.3407364	13.0014116
0.31690033	0.32838213	0.3421857	0.35911226	0.36329964	0.40147892	0.41786822	0.41426026
0.02425913	0.02442178	0.02460587	0.0250182	0.02515145	0.02543904	0.02517455	0.02532727
1.31486666	1.27448452	1.88866906	1.92734613	2.12319845	2.29084568	2.37574648	2.55069625
2.87859407	2.9707996	3.08278719	3.2145397	3.34573084	3.44813218	3.55143813	3.6662528
12.1031494	12.5630122	12.9737336	13.6112937	14.1798335	14.5010238	14.7913902	15.4062297
3.58874931	3.6751565	3.77915372	3.87910572	3.94589267	3.985402	4.04156368	4.10849775
10.2139111	10.8163865	10.558721	10.6149665	10.7494338	11.5904108	12.2787413	12.7780476
0.50525811	0.51678027	0.5277381	0.53916048	0.5512029	0.56308412	0.57546832	0.58817641
0.14982379	0.15194479	0.15409045	0.15626687	0.15884442	0.15914638	0.15989006	0.16068354
17.5747931	16.6492478	15.1467033	15.2547784	15.7558708	15.5513143	15.0881647	15.6778398
1.64258468	1.67867002	1.54740916	1.63740252	1.63528538	1.62519241	1.72769755	1.89930532
8.45313011	8.73514987	9.04806735	9.36127016	9.68157867	10.0094861	10.342886	10.6571501
4.4199065	4.23247088	4.10577042	3.97570373	3.89839506	3.81684707	3.71428119	3.73384042
0.33944772	0.34567975	0.35723771	0.36882307	0.37630558	0.38185142	0.39105862	0.39940217
0.00068359	0.00069089	0.0007003	0.00071112	0.00072082	0.00072806	0.00073237	0.00073907
22.385679	21.5640142	20.9920094	20.4210852	18.9426678	18.9460094	19.5102551	20.1300606
0.0200654	0.02009851	0.02013266	0.02016294	0.02019858	0.02019983	0.02020273	0.02020757
0.18607035	0.19310472	0.20035488	0.20720719	0.21360747	0.2190175	0.22353096	0.22796514

13.2029212	12.0455085	10.5058295	9.36782212	9.31607395	9.17701619	9.66041603	9.70094667
1.46562526	1.47846706	1.48283669	1.49479072	1.50474783	1.51074822	1.53223545	1.55706505
1.84901653	1.8948759	1.93876523	1.97814674	2.01767905	2.05629681	2.0995013	2.141614
0.01217412	0.01225799	0.01239176	0.0125022	0.01260254	0.01281778	0.01303184	0.01323545
1.4637513	1.51412391	1.56214859	1.61102875	1.6629885	1.73344875	1.81699342	1.89296407
0.07162664	0.07324023	0.07448805	0.07536896	0.07803319	0.07819935	0.07824402	0.07822724
0.18355243	0.19078712	0.19841092	0.20452657	0.21268798	0.21906391	0.22671155	0.23552929
0.21923465	0.22500236	0.23261388	0.23957027	0.24891929	0.25828342	0.26778721	0.27615262
0.29843693	0.32568859	0.33059155	0.33592088	0.34011346	0.34391817	0.34815422	0.35266421
4.95858176	4.65642371	4.56739635	4.59952197	4.53075486	4.62201982	4.60075586	4.58919277
0.03002326	0.03006862	0.03029547	0.03080325	0.03131277	0.03174528	0.03224294	0.03274382
0.0516542	0.05178469	0.05182525	0.05195379	0.05199394	0.05199411	0.05199601	0.05199702
4.93997519	5.13530407	5.32343432	5.52308435	5.72025562	5.87358619	6.04081506	6.21028965
0.03605576	0.03691283	0.037771	0.03990579	0.04187464	0.04263979	0.04336957	0.04482228
0.38529391	0.38998372	0.39363975	0.40069873	0.40645808	0.40854707	0.40960149	0.41393922
4.12176134	4.15422016	4.19316621	4.23291289	4.27284918	4.31397718	4.36803224	4.41977947
2.1599976	2.24774038	2.32834983	2.41033723	2.50242516	2.59146644	2.67730684	2.7650751
1.52949662	1.35424152	1.40718235	1.39095513	1.49656968	1.56762059	1.56617336	1.50936714
0.89520032	0.91493132	0.93635768	0.95654207	0.97500555	0.98979834	1.00348766	1.01743862
3.73103727	3.73890576	3.54105455	3.38061745	3.17388171	2.94689075	3.12473549	3.23158362
38.7381491	39.5759628	40.3909947	40.9751883	42.0965785	42.8347122	44.21257	45.5873908
102.283237	104.095911	106.032332	108.28497	110.90934	112.326365	113.834753	116.866705
1.07432142	0.70146465	0.74494459	0.83178644	0.94207643	1.18854898	1.06556707	0.83235766
11.3214678	11.1256124	11.1966966	11.7316544	11.8640713	12.3639547	12.7345977	12.8911652
7.70885059	8.14276506	8.51600111	8.76999022	9.04216535	9.51932128	9.7551499	10.0033921
0.24841904	0.23028313	0.2324563	0.23513294	0.25179386	0.27811948	0.31330966	0.32035898
5.34491503	5.44930507	5.55773646	5.6746141	5.78006963	5.90122278	6.01533626	6.12950723
18.3300877	18.1386785	17.4889341	16.228235	14.923303	13.8431817	14.7604927	13.8254208
0.25805836	0.25869714	0.25929857	0.26283389	0.26336437	0.26252403	0.2637946	0.26512401
3.16670976	3.34134796	3.3877801	3.57152408	3.73214895	3.85549247	3.96075133	4.05070819
9.85646054	9.1679486	9.03005747	8.2506342	7.92149008	7.58629129	7.52741006	7.64245028
4.31372971	3.8202747	3.90855902	4.16346457	4.21662409	4.11994083	4.46333517	4.67579799
1.92040462	1.98570613	2.06706826	2.14614084	2.23538984	2.29443472	2.36855319	2.4620678
1.87181136	1.29790014	1.66025549	1.93193148	1.97930675	2.20889622	2.25905978	2.27726639
0.88746781	0.91792092	0.9501494	0.9867687	1.02284419	1.05808087	1.09383902	1.13067338
0.0155655	0.01600801	0.01644543	0.01676114	0.01736149	0.01786672	0.01822437	0.01862653
0.02602795	0.02616482	0.02655817	0.02700844	0.02729435	0.02762218	0.02790137	0.02825503
11.8156154	12.2098913	12.5378684	12.8604615	13.0455434	13.2939714	13.6853564	13.8499408
7.09061979	7.54006867	7.94484839	8.26270574	8.56511717	8.82203369	8.92440835	8.98195973
0.32196855	0.33283266	0.34402812	0.36311045	0.37458874	0.38498304	0.39390983	0.58418923
2.33721774	2.48099562	2.63862746	2.78685084	2.89869954	2.97827622	3.02132865	3.03618268
0.35594032	0.37429126	0.39347411	0.40528612	0.41560928	0.42374085	0.436533	0.44889888
2.40217486	2.68540553	2.4538637	2.37327504	2.3597573	2.3959768	2.52635732	2.61883497
0.02835109	0.02850881	0.02850837	0.02862713	0.02877218	0.02914127	0.02953104	0.02998877
3.72814824	3.81381852	3.86243274	3.91524166	3.97148908	4.03654341	4.09514197	4.15054746
0.12579422	0.12983694	0.13317428	0.13814568	0.14203585	0.14580122	0.14827973	0.15151071
1.47029514	1.4873302	1.4166725	1.40808271	1.36980951	0.9884934	0.9417448	0.9646506
0.10613932	0.09420459	0.08986815	0.08494639	0.05843709	0.07123263	0.07002364	0.07754935
0.74129382	0.79442879	0.80416288	0.77029518	0.7712874	0.78916092	0.78734888	0.77775511
0.0312641	0.03219018	0.03306369	0.03393071	0.03409308	0.03418808	0.03475007	0.03531593
14.3804897	14.8221627	15.3301095	15.5824271	16.1181701	16.495266	16.9607009	17.4011967

0.81938421	0.81826834	0.83268545	0.8422343	0.84060466	0.85101413	0.85836311	0.86491996
1.41200065	1.47363116	1.5359256	1.59674545	1.66868878	1.74033129	1.81363463	1.89374067
0.08636724	0.09064131	0.09574987	0.10109102	0.10572734	0.1103098	0.11468811	0.11887448
49.9063351	51.1031139	52.2191783	53.2441621	54.3759836	55.4591715	56.5211328	57.3904992
0.5659279	0.62589737	0.62848285	0.56065736	0.56436531	0.57022121	0.57261527	0.57227187
0.82528772	0.85565381	0.88958488	0.93638685	0.9798372	1.02424673	1.06795257	1.11223538
0.16429504	0.08020712	0.07751685	0.07884788	0.09066737	0.09967687	0.10416617	0.09689157
2.8783042	2.95071607	3.02541243	3.1071312	3.18330008	3.24415487	3.3079327	3.1976213
0.37026091	0.38575111	0.40271904	0.41537096	0.43541299	0.43879023	0.44885703	0.46457903
1.1421979	1.19397294	1.24510397	1.30321313	1.35489803	1.40282314	1.46142633	1.51513757
0.53203357	0.55449871	0.57831129	0.60224602	0.62387483	0.64365983	0.66432766	0.68633256
0.05853939	0.05849464	0.05842481	0.05830445	0.05825211	0.05867221	0.05914607	0.05913974
0.47886337	0.48007394	0.47957316	0.48526587	0.48413489	0.48921786	0.48814992	0.49170164
0.75920905	0.78770656	0.81854803	0.8502	0.88131339	0.91015191	0.94719672	0.99107235
9.35925468	9.68448099	9.81632341	10.165329	10.3683746	10.7187285	10.9280156	11.3135412
0.2203487	0.22898902	0.23834614	0.24814446	0.25828279	0.26624097	0.27352827	0.28052422
0.04256057	0.04363769	0.04471649	0.04585196	0.04707641	0.04789756	0.04889125	0.04966818
0.74681105	0.77829066	0.80585696	0.837083	0.87003685	0.90200677	0.93650071	0.97202024
19.6500335	20.5439756	21.4833308	22.4772995	23.3875376	24.1113033	24.9489356	25.7503078
1.06136422	1.09384687	1.12843037	1.15401788	1.17524017	1.19458177	1.23174851	1.23842747
5.40761423	5.26412897	4.95218655	4.75941626	4.4360843	5.1948386	5.33349204	5.77699624
2.04926915	0.69438739	0.56263249	0.59556164	0.64076634	0.62091933	0.70674852	0.88774165
1.7694951	1.7867613	1.8072788	1.82890421	1.85015388	1.86926911	1.88947364	1.91291475
4.75536346	4.60622052	4.3549016	4.47958681	4.42214391	4.66298108	4.75631919	5.02290767
1.67397599	1.90771529	2.18851633	2.41260955	2.67369937	2.92945224	3.15385342	3.05752855
15.6423447	16.0513397	16.6596996	17.1646922	17.7859181	18.4657101	18.9392349	19.434443
1.05299093	1.09539947	1.13258489	1.1657044	1.20206184	1.23457285	1.26762119	1.30004506
5.97216349	6.15358086	6.32260115	6.4558465	6.58226377	6.7180608	6.83172997	6.98298214
8.47296082	7.9315766	9.05285759	8.51118692	8.91602536	8.80331705	9.08782466	9.28250415
0.00353854	0.00359193	0.00362095	0.00367834	0.00377067	0.00382383	0.00385261	0.00392642
0.63932103	0.65334608	0.66750417	0.68487707	0.70209365	0.71752013	0.73192924	0.74641559
11.0675625	11.3937992	10.2855764	8.62995113	7.96484801	8.04893339	8.69093251	9.14313464
1.13606779	1.13283524	1.12882697	1.12367704	1.11906332	1.11480392	1.1090106	1.0988461
3.91854871	3.91245437	3.94694999	3.97960794	4.01295616	4.04528699	4.07654488	4.1067757
4.21236038	3.6344648	3.27339449	3.16606638	2.9815377	3.08226579	3.35043221	3.49657063
0.4613626	0.45207369	0.48317737	0.5021782	0.49884658	0.51190398	0.53125736	0.53672574
0.04107776	0.04184142	0.04252718	0.04230454	0.04285602	0.04338072	0.04397768	0.0444196
2.08601923	1.84835585	2.63699159	2.6690554	2.79031443	2.8221317	2.90683566	2.95989208
0.08067845	0.08137109	0.08229059	0.08320821	0.08375783	0.08446558	0.08516146	0.08571993
6.36493821	6.67255234	6.83112637	7.37059679	7.49008301	8.16034623	8.09230775	8.66892109
97.6998278	94.9018947	96.6527452	96.5730031	99.3080979	101.419721	104.86153	109.465086
0.70398991	0.73028331	0.75422746	0.78079589	0.80988526	0.83497467	0.86027005	0.88856587
22.6954884	23.6383483	24.2636279	25.2525552	25.6132315	26.0717661	27.0219892	27.9397852
1.79895515	1.78469477	1.80971853	1.78994564	1.7733413	1.79272906	1.79384901	1.80041615
6.41544986	6.57627982	6.7825061	6.97723181	7.19132331	7.43679983	7.67170486	7.82775543
1.2129069	1.25324665	1.29282834	1.33613123	1.38663259	1.43200837	1.48029533	1.52761045
2.87229357	2.90526446	3.48143814	3.67981573	3.83727881	3.62211095	4.00098051	4.00522911
0.00042823	0.00042389	0.00042075	0.00041795	0.0004155	0.00041432	0.00041497	0.00041607
0.13355945	0.13900088	0.14399956	0.14889005	0.15395046	0.15896977	0.16410007	0.16931038
0.51739927	0.53972444	0.56731044	0.5859333	0.58194232	0.59581217	0.61220486	0.62854916
1.15818816	1.18473205	1.21062479	1.23699637	1.26995582	1.28228946	1.31284209	1.33528765

1.73655463	1.79515939	1.85547584	1.8958824	1.93347173	1.98957518	2.06172875	2.14456386
0.00520794	0.00521011	0.00522355	0.00522577	0.00522911	0.00522964	0.00524163	0.00524239
0.01658627	0.01725018	0.01798461	0.01881702	0.01958725	0.02030001	0.02102081	0.02167885
0.21157826	0.21433816	0.21666334	0.21866911	0.21886675	0.21817042	0.22033655	0.22282711
3.6726645	3.50604433	3.4028833	3.30507524	3.47755473	3.56303781	3.62798182	3.48989314
0.61386245	0.66088298	0.56256041	0.5536352	0.56920368	0.40344658	0.45020339	0.45086158
3.69747985	3.63040807	3.45028581	3.18984005	3.09929524	3.07137372	3.11282407	3.13781438
0.12615524	0.12837044	0.13113612	0.13434766	0.1366568	0.13597452	0.14189208	0.14508505
0.04962318	0.05041986	0.05157248	0.05269839	0.05386781	0.05491284	0.05595804	0.05694218
4.88309325	4.57740413	4.26610569	4.16853948	4.06834852	4.12368037	4.17536024	2.6039661
0.00835759	0.0086717	0.00891089	0.00733208	0.00762879	0.00626993	0.005825	0.00585146
1.22393622	1.27264532	1.32067656	1.37156437	1.41836611	1.4533524	1.4913378	1.53757645
0.59605003	0.61953535	0.64349044	0.66736797	0.69251137	0.7162501	0.73973831	0.7642225
19.9260409	20.7107172	20.9880228	21.3480347	21.6720381	22.1039012	22.6402273	23.2918254
0.95269074	0.98320719	1.01446588	1.04605989	1.08022904	1.11687825	1.1603325	1.19696521
1.05417047	1.09168253	1.12971882	1.1702443	1.22806495	1.26339824	1.30221471	1.33062639
0.07409075	0.07689928	0.07805101	0.07730439	0.08148607	0.0837203	0.08473291	0.08700771
0.03280244	0.03296112	0.03292564	0.0331183	0.03344107	0.03378911	0.03414048	0.03441029
3.86770805	3.60762533	3.5106952	3.49417735	3.53236766	3.3823532	3.44900156	3.43104955
2.56443491	2.61846679	2.67120297	2.72482078	2.77009956	2.81186472	2.85657428	2.90550883
37.0817988	40.5947699	43.3791234	46.0835983	47.9843382	50.0551804	52.888095	56.7548359
9.50502474	9.65391033	10.0858308	10.1959933	10.3617882	10.4698413	10.4505306	10.7061351
1.99786416	2.07826848	2.16467172	2.25609454	2.35077691	2.44614435	2.54420027	2.65279934
2.5233953	2.61974484	2.71971552	2.81832721	2.91472367	3.0162419	3.11925767	3.22876088
9.79674896	9.87148827	9.81364816	8.81184422	8.4737372	9.76818416	8.65824845	8.26362949
1.83388488	1.9329269	2.05616901	3.00211694	3.70883072	3.98044674	4.04256632	3.89781206
130.197349	126.078553	126.888805	127.985715	130.987482	132.268507	133.453963	134.550284
5.94066114	6.11036731	6.25412026	6.40565804	6.58582715	6.75188925	6.88295687	7.03150678
0.03040757	0.03076554	0.03117179	0.03156866	0.03197566	0.0322349	0.03257407	0.03302451
9.32294273	9.46978645	9.58685091	9.60488661	9.57431869	9.29623053	9.03869651	8.66421024
0.00322212	0.00317304	0.00334044	0.00345078	0.00347868	0.00352377	0.0035949	0.00358804
10.7304223	11.2456511	11.6900797	12.0948113	12.5108664	12.851808	13.2760943	13.7058609
0.06453274	0.06620681	0.06793068	0.06968782	0.0710969	0.072937	0.07495506	0.07684449
0.02722022	0.02741924	0.02759436	0.02778829	0.02799078	0.0282493	0.02843274	0.02857026
3.35065641	3.48730989	3.65959283	3.80165422	3.79351271	3.7726518	3.81729092	3.89719588
16.9074224	18.5030465	19.215042	19.2018658	19.2107357	19.2769121	19.6062815	19.7642193
0.63801754	0.66378133	0.69059415	0.71433568	0.73343096	0.75769	0.78928403	0.81460219
1.16325213	1.22159731	1.24616154	1.25395849	1.27977869	1.30251067	1.33333069	1.36576057
0.31409398	0.32028113	0.32918252	0.35881274	0.39651266	0.45237556	0.50747571	0.57491031
0.22164942	0.225853	0.23190066	0.25203159	0.27764513	0.31559869	0.35303403	0.39884947
0.08805473	0.08961794	0.09186691	0.0993531	0.10887813	0.12299211	0.13691338	0.153951
8.93500892	9.06408514	9.2915522	10.0675188	11.1127498	12.4031324	13.7745269	15.4230771
5.47169842	5.57710497	6.08928207	7.07315154	7.78978011	8.72462834	9.66481975	10.8142058
0.19139145	0.19321738	0.19584433	0.2045887	0.21571459	0.23220066	0.24846164	0.26836272
0.00045691	0.00045691	0.00045691	0.00045691	0.00045691	0.00045691	0.00045691	0.00045691
7.95041566	8.27831802	8.65387963	9.07766605	9.78636694	10.2573236	10.2906204	10.2857869
1.92853444	1.99814848	2.08292312	2.19555266	2.30170921	2.37145547	2.38667409	2.42054874
0.89473736	1.00901478	1.05456778	1.14806987	1.19689553	1.21660385	1.35144024	1.416827
0.09536187	0.09724034	0.09994289	0.1089389	0.12038495	0.13734545	0.15407437	0.17454814
2.96313306	3.05000283	3.07254825	3.19827432	3.17263375	3.34677531	3.21449712	3.07276248
0.31742831	0.32368114	0.33267703	0.36262178	0.40072193	0.45717785	0.51286293	0.58101339



0.3847818	0.39236138	0.40326606	0.43956464	0.48574906	0.55418408	0.62168468	0.70429564
0.96828973	0.98736347	1.01480472	1.10614881	1.22237025	1.39458454	1.56444742	1.77233496
0.54005732	0.56874502	0.79955256	0.95908572	0.76508615	0.7869624	0.78465522	0.79004133
0.91247287	0.88894203	0.8950301	0.94111971	1.06505936	1.15377126	1.27675112	1.43022166
0.71292996	0.68721149	0.54830936	0.572362	0.43297557	0.44715919	0.50547138	0.52390999
0.06012527	0.06028648	0.06033891	0.06025241	0.06034324	0.06057201	0.06074838	0.06132037
0.02108146	0.0230965	0.02412038	0.02614694	0.02725222	0.02845684	0.03202635	0.03304701
8.5299142	9.27310615	10.1032505	10.6876218	11.4698986	12.3618415	12.9868944	13.5335067
0.10961921	0.11122182	0.11352749	0.12120241	0.13096757	0.14543736	0.15970959	0.17717673
0.14671056	0.14960052	0.15375829	0.1675983	0.18520761	0.21130069	0.23703749	0.2685356
0.16004789	0.16320057	0.16773631	0.18283451	0.20204467	0.23050984	0.25858635	0.29294793
15.7384482	15.9763022	16.4565861	17.5987088	17.2854418	18.1571549	17.8808452	18.6088534
1.50279722	1.60465098	1.66715794	1.68924076	1.70974484	1.60919552	1.58782006	1.56389955
4.20957551	4.74971268	3.46483391	3.9656432	4.4671649	4.96663988	5.78336831	6.59815756
263.576177	298.52904	328.060182	366.488653	321.939002	337.958093	359.136029	379.055365
0.85092128	0.86768305	0.89179809	0.97207017	1.07420416	1.22554399	1.37481743	1.55750648
1.34980813	1.33046663	1.39074501	1.56942416	1.61807899	1.84939103	2.05933364	2.32884149
0.88306423	0.90045917	0.92548514	1.00878944	1.11478147	1.27183804	1.42675019	1.61634019
0.13627205	0.13893607	0.14276877	0.15552675	0.17175933	0.1958124	0.21953705	0.24857258
3.11778351	3.18151896	3.27149096	3.55980205	3.92541799	4.46502819	4.99733156	5.64802922
0.00010865	0.00010865	0.00010865	0.00010865	0.00010865	0.00010865	0.00010865	0.00010865
0.1911458	0.19485021	0.20017971	0.21792009	0.24049202	0.2739386	0.30692849	0.34730335
0.23907235	0.24351238	0.24990022	0.27116351	0.29821782	0.33830626	0.37784735	0.42623991
0.25287505	0.25889303	0.26460688	0.27332808	0.28801636	0.30739003	0.32868458	0.35100996
2.88774286	2.99381971	3.11325681	3.28806459	3.53354209	3.74983666	3.95841587	4.00338076
14.4179456	14.4978024	14.5161889	14.7167096	15.0643623	15.2628386	15.3413907	14.4681249
0.85350511	0.91384012	0.87882195	0.82788893	0.65355974	0.70035387	0.58277392	0.64537434
0.682871	0.69632245	0.71567495	0.78009393	0.86205726	0.98350865	1.10330176	1.24991116
1.28054483	1.31730891	1.36146705	1.46006409	1.57994566	1.74796851	1.91374453	2.11228865
0.3179418	0.32411317	0.33299189	0.36254661	0.40015049	0.45587106	0.51083083	0.57809362
6.95953915	7.12628781	7.33049875	7.85240029	8.50365097	9.56894326	10.4908513	11.677672
16.2783078	16.240617	15.8345267	15.7905672	9.47822356	9.3651378	7.48939063	5.786474
0.18743633	0.19742643	0.21118999	0.22130151	0.22656477	0.23577723	0.23635951	0.23678906
0.00072138	0.00072138	0.00072138	0.00072138	0.00072138	0.00072138	0.00072138	0.00072138
1.3195447	1.32561965	1.31225446	1.28147026	1.21822591	1.16086099	1.09373853	1.04603044
0.07642287	0.07792828	0.08009409	0.08730348	0.09647633	0.11006845	0.12347498	0.13988264
18.1333765	18.1749977	18.0202616	17.8990742	17.8320847	17.5991959	16.932081	15.381001
0.40284416	0.41076528	0.42216134	0.46009556	0.50836107	0.57987981	0.65042204	0.73675551
13.4595569	13.8847418	14.2599232	14.3205757	14.3715035	14.4536775	14.461324	14.064899
0.26880953	0.39507736	0.2298848	0.25271633	0.27144297	0.28995669	0.32037014	0.33849425
0.77669474	0.78780072	0.80801155	0.88106908	0.96954848	1.10495198	1.23894339	1.40403279
0.30142352	0.30736108	0.3159034	0.34433833	0.38051746	0.43412687	0.4870043	0.5517186
0.08415851	0.0858163	0.08820135	0.09614048	0.10624182	0.12120976	0.13597332	0.15404178
4.79088589	5.16237326	5.64886144	5.80427103	5.89587917	6.12786577	6.09013266	5.84763535
0.00266318	0.00266318	0.00289818	0.00289818	0.00289818	0.00289818	0.00289818	0.00313318
0.14361263	0.14579324	0.14893047	0.15937339	0.17266041	0.19234882	0.21176841	0.23553516
0.15322	0.159095	0.165205	0.17108	0.176955	0.183065	0.18894	0.19505
0.26541275	0.27064095	0.27816273	0.30320057	0.33505741	0.38226215	0.42882237	0.48580532
0.63152981	0.70028625	0.76167801	0.84644145	0.93662605	1.07427474	1.21995855	1.34763321
1.6220265	1.68624251	1.78281979	2.00263171	2.17603999	2.0891529	2.05102002	2.07357433
6.60181466	6.72099892	6.90993769	7.46826358	8.14571853	9.1373401	10.1228145	11.3256686

26.8454164	30.2864967	33.7438752	37.319206	40.9691181	44.4969465	48.1149007	51.4077838
1.16690714	1.14074827	1.17327194	1.23847788	1.23576167	1.31268998	1.24217374	0.92771042
8.2522124	8.44857712	8.71563348	9.32871096	10.059688	11.078902	12.0992311	13.3196117
1.56115094	1.59480018	1.64070807	1.78226511	1.96096686	2.22327223	2.4818317	2.79740128
0.33399882	0.3084028	0.32039771	0.28464912	0.30812596	0.294506	0.29701685	0.31120943
2.37194269	2.52229368	3.07145219	2.63723014	3.98361882	4.67696444	4.1913939	4.87749443
16.3129622	16.9812055	17.705894	18.2447473	16.7418671	17.2307943	17.5438005	17.9952342
0.09679346	0.09515846	0.09922891	0.10728546	0.11167952	0.11646849	0.13065906	0.13471667
1.13663119	1.15842411	1.18977745	1.29414373	1.42693393	1.62369943	1.8177783	2.0553027
18.1915401	18.5418417	19.1510447	19.7698038	20.006898	21.0142173	21.5227071	21.4083147
1.83842349	1.93534948	1.88169355	2.15226766	2.14091558	2.30322826	2.54935738	2.69600614
0.07353446	0.08056315	0.08413457	0.09120342	0.09505878	0.09926063	0.11171148	0.11527164
0.00185458	0.00185458	0.00185458	0.00185458	0.00185458	0.00185458	0.00185458	0.00185458
0.199393	0.20332071	0.2089715	0.22778133	0.25171399	0.28717684	0.32215549	0.36496429
9.4777E-05	9.4777E-05	9.4777E-05	9.4777E-05	9.4777E-05	9.4777E-05	9.4777E-05	9.4777E-05
16.4188083	17.3228291	17.4763611	18.9848715	16.5682895	14.7375554	15.9769499	17.6588118
6.1805342	6.31354031	6.49455719	7.04402762	7.73693689	8.75292693	9.75512416	10.9765655
0.98029332	0.99960352	1.02738495	1.1198614	1.23752361	1.41187278	1.58384139	1.79430606
0.00507258	0.00507258	0.00507258	0.00507258	0.00507258	0.00507258	0.00507258	0.00507258
1.95487243	2.00265866	2.06408878	2.22948248	2.43567567	2.73293458	3.02659435	3.3822563
0.03943865	0.04320833	0.04512379	0.04891501	0.05098276	0.05323633	0.05991408	0.06182349
0.18472194	0.18836066	0.19359566	0.2110215	0.23319323	0.26604677	0.29845175	0.33811073
0.38574999	0.42703196	0.48371205	0.53643369	0.63933861	0.7786316	0.77132378	0.61899056
0.06340465	0.06594943	0.06726661	0.07263868	0.0727977	0.07170974	0.07115494	0.06532493
0.37372527	0.37419025	0.38779316	0.40110075	0.41394022	0.43444934	0.42852857	0.42385646
0.68480491	0.69829445	0.71770177	0.78230318	0.86449863	0.98629398	1.10642634	1.25345094
0.11646482	0.1304906	0.14711195	0.15984806	0.16766342	0.17591957	0.19699249	0.20432356
0.33237198	0.33891379	0.34832547	0.37965423	0.4195153	0.47858053	0.53683929	0.60813956
11.3588332	11.0504894	11.8813436	13.4513316	12.9704497	13.9077943	15.2052324	16.1972196
0.37942183	0.4150306	0.43312418	0.46893642	0.4884685	0.50975594	0.57283455	0.59087107
0.199393	0.20332071	0.2089715	0.22778133	0.25171399	0.28717684	0.32215549	0.36496429
0.1375529	0.16315714	0.17430369	0.17993148	0.18450897	0.19478682	0.2010792	0.18396197
0.27201571	0.29801593	0.3112272	0.33737598	0.35163759	0.3671809	0.41323858	0.42640819
0.26643299	0.24384756	0					

6.30874616	6.55264695	6.18151996	6.72496252	5.8400547	5.95353291	6.04621546	5.89000894
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2.16384198	2.30387748	2.45692185	2.56870563	2.69742787	2.82681508	3.00420773	3.11166737
0.24007183	0.24480086	0.25160448	0.27425177	0.303067	0.34576476	0.38787952	0.43942189
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25.9727181	36.5643081	39.6482883	37.9406396	35.8487475	37.3179149	46.8929743	53.9992154
0.02714991	0.02714991	0.02714991	0.02714991	0.02714991	0.02714991	0.02714991	0.02714991
22.2304753	22.7314875	23.4365175	25.4716849	27.9981342	31.5707864	35.1295316	39.4526002
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0.70221012	0.71604252	0.7359431	0.80218643	0.88647099	1.01136193	1.13454761	1.28530903
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4.44829927	4.48960857	4.79683745	5.2278338	5.54891713	6.09099981	6.9353211	7.63699095
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0.15716206	0.16023593	0.16465827	0.17937901	0.19810892	0.22586246	0.25323705	0.28673959
0.60157912	0.61342795	0.63047479	0.68721885	0.75941702	0.86639861	0.9719195	1.10106176
0.68470593	0.7037742	0.72232477	0.70767157	0.79294938	0.71361794	0.77834205	0.74833458
0.46018064	0.49227357	0.47844689	0.52444159	0.49915463	0.53321232	0.52669425	0.50076655
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1.80053876	1.83600645	1.88703357	2.05688829	2.27300254	2.59323571	2.90909644	3.29566419
0.21473092	0.21896077	0.22504622	0.24530297	0.2710766	0.30926737	0.34693669	0.39303847
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13.791375	14.0905243	14.4965785	15.7190662	17.2593912	19.5150902	21.7407474	24.4522142
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0.8131896	0.83586489	0.87707249	0.85477489	0.79757856	0.9144024	1.03878164	1.36864146
0.02023003	0.00107035	0.15138532	0.3017003	0.21523451	0.12876872	0.14343336	0.14873174
187.810746	184.284188	183.282239	187.964876	188.501518	188.362099	189.312521	188.697165
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0.23740437	0.24208085	0.24880887	0.27120453	0.29969959	0.34192293	0.38356975	0.43453943
0.0010165	0.0010165	0.0010165	0.0010165	0.0010165	0.0010165	0.0010165	0.0010165
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0.00259201	0.00261401	0.00262313	0.00263531	0.00263819	0.00263582	0.00264192	0.00264987
0.36966974	0.36576071	0.4105018	0.44426207	0.46663203	0.46929204	0.47786291	0.48243824
27.9210256	27.6204497	28.6917365	29.1870354	28.3589212	30.8264774	31.9348792	32.0911311
0.25839792	0.2661232	0.31192901	0.32493642	0.32790227	0.34452539	0.34094121	0.32469378
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33.8523596	34.555805	35.1350743	35.6531684	33.9482498	32.9586609	35.1815766	32.9031541

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0.01369336	0.00999214	0.01380218	0.0103225	0.01085195	0.01206636	0.01512012	0.01014499
0.57563913	0.57769785	0.62764739	0.62967656	0.61809748	0.65380897	0.65616216	0.65192408
8.88598128	8.78526026	8.6263985	8.25556555	8.21889622	7.60143374	7.96397105	7.86290941
0.10860323	0.08757367	0.10115702	0.08627404	0.08964716	0.09078681	0.0953981	0.09136961
0.00082527	0.00082984	0.00083125	0.00083279	0.00083702	0.00083589	0.0008403	0.00084195
4.81430645	4.8431163	4.82491325	4.63377166	4.88020192	5.04702624	4.96016715	5.10140347
118.436159	117.767286	118.900978	121.098488	121.556558	126.239573	127.123108	125.08092
0.01892906	0.01908903	0.01902587	0.01886818	0.01933091	0.02058671	0.02107854	0.02073057
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4.4017378	4.47482601	4.00736132	3.93868307	3.90487251	3.90131573	3.88868583	4.00684218
286.142229	289.432309	292.497965	270.908179	279.312252	263.972295	244.165693	245.784239
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14.8265542	13.9950319	13.7551679	13.8476543	14.1700895	14.0685643	14.5678985	15.2175537
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1.29543273	1.13992622	1.0703876	1.25588354	1.25755983	1.25692821	1.30697249	1.50200975
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0.00113011	0.00111403	0.00111389	0.00113248	0.00117215	0.00121799	0.00122001	0.00123056
0.13199192	0.12758532	0.12331066	0.12700892	0.13318401	0.13732819	0.13934171	0.14642079
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23.6325025	23.8878482	24.31188	25.2595631	24.5628514	24.0895488	23.2365145	21.8354117
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0.00816261	0.00834309	0.0083483	0.00829908	0.0082868	0.00827893	0.00829001	0.00830527
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167.833437	165.98398	165.492487	166.557185	169.324708	167.133843	169.537174	174.118468
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2.74174847	2.51783598	2.47176888	2.45232228	2.53606966	2.45938763	2.54691885	2.52888339
0.00277492	0.00282719	0.00280058	0.00283612	0.00286661	0.00290245	0.00293851	0.0029355
0.00488792	0.00280668	0.00268065	0.00241326	0.00255834	0.00241054	0.00233678	0.00247748
4.39379187	4.53624174	4.9314534	4.71937014	5.06315683	5.17066539	5.13976935	5.0912438
0.114464	0.12197089	0.1316166	0.14008922	0.14688974	0.16752049	0.15654591	0.15688664
1.67160154	1.81303295	1.87619193	1.91396929	2.02849858	2.15719285	2.05549567	2.09317683
0.3046862	0.34673637	0.32323059	0.28554571	0.31415629	0.31442432	0.32587707	0.2996804
0.13001685	0.12909212	0.13064256	0.1538876	0.20050158	0.13654937	0.13057639	0.12821324
0.85024619	0.85225469	0.84203408	0.77617298	0.82266507	0.71820096	0.88263614	0.78967832
0.00877474	0.00873389	0.00830974	0.00877618	0.00911484	0.00914801	0.00943256	0.0093217
1.31962949	1.28933698	1.33103646	1.40707158	1.64293806	1.11021797	0.95678015	1.083508
0.40171738	0.40471518	0.37304177	0.3659357	0.35813581	0.34553205	0.38244858	0.34418338

1.94804726	2.00641501	2.00603919	2.08403818	2.16958317	2.1346137	2.13465825	2.04916045
0.12600921	0.12395599	0.12843996	0.13017525	0.13298379	0.133595	0.13583451	0.13143734
0.93772972	1.02260779	1.0185996	1.03557279	1.21963634	1.38088679	1.29935521	1.24851758
0.00133077	0.00142188	0.0013882	0.00140625	0.00144966	0.00143711	0.00145681	0.00145163
4.19885731	4.2088532	4.41791091	4.43002717	4.37502734	4.26382244	4.6746058	4.55667555
0.49788453	0.42052869	0.64629027	0.61844183	0.62290705	0.75352539	0.79973002	0.95973969
4.86739969	4.88424012	4.87450346	4.91987105	4.98368172	5.04043853	5.00237154	4.3798714
1.8592E-05	1.8507E-05	1.617E-05	1.64E-05	1.6545E-05	1.6326E-05	1.5533E-05	1.5886E-05
25.6695959	25.6332915	27.6552509	27.7892741	27.2791484	29.1111405	28.924702	29.1450164
0.32905964	0.31211423	0.30073228	0.30799995	0.29630581	0.30884418	0.30848374	0.29630992
5.81107453	6.06485573	6.53912883	6.72331215	6.93962896	7.72863123	8.47140907	8.48039677
0.01762011	0.01785399	0.01781227	0.01777701	0.01752213	0.01710067	0.01637506	0.0158895
11.3510133	11.8949486	12.4176395	13.1398838	13.623969	14.291049	16.2938424	10.5396271
3.57444949	4.00256931	4.39436215	5.07891714	5.51956921	6.0198501	6.45584756	6.46044887
3.25433656	3.53243406	3.5883935	3.57095716	3.3098572	3.49240336	3.20984004	3.66988534
1.77863965	1.83519343	1.88779272	1.90820587	2.01610394	1.99943119	1.98131205	1.9822227
0.01113873	0.01092234	0.01038037	0.01096643	0.01045004	0.01035247	0.01029688	0.00940238
0.104555	0.08388813	0.08256908	0.08738444	0.08970734	0.08926911	0.08753837	0.10096236
1.3913787	1.51517282	1.6115849	1.69097716	1.82684728	1.94445054	2.07005108	2.61136089
7.94185813	7.62873505	8.34374628	7.95219064	7.71518601	8.0303651	7.98153448	7.71668577
1.55369139	1.81759169	1.62692101	1.74984156	1.70700925	1.90035314	1.79457379	1.72327325
0.05088857	0.04749668	0.05106566	0.05156262	0.05056502	0.04870359	0.04791497	0.04694804
5.51960156	5.80858995	6.12013206	6.42890487	6.7187413	7.07048606	7.43183886	7.81142358
17.5064107	17.5244971	18.7059847	18.2972569	18.16352	19.0478754	20.303585	20.4676415
2.74732075	2.90582779	2.88509997	2.93848668	3.16076504	3.15742128	3.25183435	3.04168924
5.13398386	5.11003542	5.15490534	5.17846697	5.38273165	5.40506864	5.17568316	4.8949591
1.48348173	1.5045511	1.5252263	1.53887183	1.54478594	1.54755327	1.55989489	1.54645975
3.20393414	3.51713391	3.80704309	3.72257771	3.78271322	4.02389784	3.98959859	4.16374166
9.9112449	10.0725595	10.2090923	10.402399	10.1763691	10.2522866	10.292992	10.2082578
0.35020604	0.3565329	0.41094334	0.41535492	0.42452384	0.43243805	0.44075316	0.44945874
37.9620743	36.6929682	39.0294938	40.4564989	37.8118625	44.3083125	43.9198777	44.6413407
0.78841284	0.79034707	0.79219555	0.76430583	0.73786554	0.74892562	0.73889784	0.74977225
5.16288898	5.12830731	5.73313332	5.48622401	5.72623754	5.38832588	5.64660001	5.27581816
7.55980076	7.63065313	8.02986341	8.89762549	8.20373365	8.84766935	8.99108809	8.72160147
0.26303584	0.26717923	0.26630902	0.28395814	0.35732134	0.26548129	0.27046268	0.30171134
15.0930362	15.4558083	14.8601621	14.6543643	14.8105586	15.4576777	15.8304958	14.7775033
0.1411969	0.1338833	0.1332754	0.13080737	0.12840051	0.12654763	0.1242693	0.12206315
1.81317592	1.85922066	1.84681194	1.68880283	1.5397527	1.74493834	1.68827343	1.98530476
1.96049309	1.97403771	1.97208226	1.99190731	2.05892331	2.06230721	2.13436297	2.06595891
5.25397564	5.38186834	5.86711342	6.23398529	6.03312184	5.89318086	6.04610568	5.87246926
0.01052662	0.01064618	0.01060489	0.01050081	0.01045694	0.01054616	0.01053985	0.01054345
0.06082326	0.06766507	0.08185232	0.08421646	0.10398398	0.12746998	0.13607405	0.15711073
0.04969836	0.05042919	0.04945406	0.0514009	0.05198412	0.05249649	0.05293482	0.05346849
6.50039181	6.1049161	6.42011604	6.54844735	6.95546531	7.2673884	7.61620406	7.56747768
33.0519612	32.4032346	32.3326681	33.6434126	34.6963006	37.3404127	36.5873514	37.6351055
0.80524126	0.83258462	0.83896588	0.82446901	0.98967994	0.96658963	0.9811141	0.94094775
2.45073046	2.58993948	2.45572985	2.29772201	2.49548458	2.54853929	2.45296517	2.51482659
2.25244509	2.2631212	2.73788309	2.23383594	2.2879963	2.47184866	2.55963773	2.11861061
24.7062354	25.6416816	25.7987129	25.8771004	25.8991099	26.781567	25.9195358	27.898706
2.55387227	2.54898858	2.61390062	2.58345444	2.6243778	2.7502011	2.81312318	2.82458526

0.00751754	0.00788218	0.0078822	0.00788225	0.00794559	0.00811726	0.00840308	0.00860344
0.0005828	0.00058274	0.00058263	0.00058302	0.00057541	0.00056649	0.00056847	0.00056758
0.01384149	0.01415339	0.01436083	0.01446829	0.01445653	0.01452486	0.01455923	0.01455366
0.4678691	0.50706749	0.52634187	0.54186922	0.54636346	0.50294006	0.50600955	0.52354191
0.83205359	0.91963685	0.82669409	0.84601933	0.87426119	0.85824155	0.91045438	0.85344336
4.29356153	4.3253223	4.32936534	4.35009223	4.33835607	4.31412482	4.26393206	4.27797617
0.00015684	0.00015685	0.00015744	0.00015686	0.00015823	0.00016401	0.00016314	0.00016264
0.00607365	0.00649805	0.0071121	0.00747348	0.00751876	0.00761547	0.00843245	0.00803412
0.07796504	0.07984016	0.07418332	0.0741241	0.07458549	0.07353624	0.07579136	0.0744937
1.10112335	1.04598827	1.10468974	1.16912636	1.210251	1.2909594	1.13051476	1.31530068
0.41128113	0.42178364	0.422169	0.43953696	0.43782283	0.44058349	0.43278631	0.41332233
3.07914272	3.09164835	3.0890718	3.21230884	3.27488017	3.31600788	3.27312408	3.09433851
0.3886054	0.39175286	0.38800962	0.38676295	0.38058878	0.37504985	0.37484673	0.37378484
0.0017467	0.00156153	0.00155885	0.0016053	0.00160035	0.00159902	0.00158307	0.00156795
3.11026152	2.83301081	2.21821086	2.14532648	1.98235193	1.84433788	1.81343648	1.66033382
10.7169845	11.3441984	11.881204	12.514599	13.5515419	14.4157667	15.1197244	16.0120288
0.57623022	0.65135623	0.71062006	0.6846567	0.73675252	0.74897697	0.77720662	0.80203973
13.8943581	13.8073926	14.3293168	13.5020895	12.4421501	13.3346615	14.1816585	14.141936
1.31094569	1.35637758	1.43408129	1.47835286	1.5275499	1.53814116	1.81876192	1.80422255
3.56416187	3.63575672	4.30657771	4.45713173	4.8296589	4.5326598	4.50321141	4.62648602
0.15735146	0.16429558	0.16837256	0.17081241	0.19308296	0.19173932	0.18941535	0.19213953
0.01851569	0.01874072	0.01876408	0.01887824	0.01907511	0.01925257	0.01938222	0.01945535
0.12107081	0.12751236	0.13292864	0.13093425	0.1322069	0.13302282	0.13676972	0.13762118
1.35228366	1.36836757	1.24435919	1.29852044	1.32128346	1.40412518	1.30604249	1.34221659
14.5814448	16.0003419	17.6888737	17.4097661	17.7758477	19.8661058	19.5721736	19.4602974
1.5131338	1.53180081	1.08210016	1.17106216	1.29121408	1.16545389	1.08030773	1.10470769
10.3274595	11.0821293	11.8419527	12.1602603	12.4138896	12.680088	12.7229574	12.8514278
6.6962628	6.89683298	7.01554324	7.19864992	7.40336384	7.63913571	7.62476642	7.8143835
13.6783637	13.5434124	13.6958199	13.9062371	13.4350559	15.4813293	16.9342385	15.808548
5.38373377	5.81530968	5.81441176	5.65874922	5.73113574	5.71567605	5.57694768	5.43720278
134.480251	132.967572	134.119932	133.692931	133.27737	137.728469	136.870465	136.185509
8.49233109	9.04846967	9.91816931	10.4699925	10.827083	11.8216511	10.9072727	11.7107767
0.00589069	0.00548114	0.00531038	0.00521981	0.00510982	0.00489339	0.00475949	0.004757
8.10131795	9.13152622	9.41644512	9.41406862	9.16665526	8.74370441	8.50026312	7.75755277
0.00227067	0.00226811	0.00226751	0.00226672	0.00226139	0.00225902	0.00226238	0.00226238
15.1750494	15.572606	16.3844488	15.736472	18.0491609	16.8540305	17.2207191	17.3255832
0.10351684	0.10459256	0.10544958	0.1064976	0.09524133	0.07580702	0.06827314	0.06890879
0.03517112	0.03594741	0.03665136	0.03680418	0.03980767	0.03547985	0.0333398	0.03011758
2.18446189	2.21180146	2.24354502	2.27223284	2.23576609	2.16787535	2.15620991	2.0407541
12.1888897	12.3946365	12.4063607	13.0234461	12.1042617	12.3383106	13.2394596	12.1275557
5.54422071	6.09479119	6.35534564	6.29178257	6.16065719	6.20682852	6.17565058	6.19836391
3.78393534	3.81261387	3.87842008	3.15501512	3.4645096	3.47285513	3.33861457	3.38538965
9.932E-05	0.00011154	0.00013598	0.0001447	0.000147	0.00016532	0.00015155	0.00023949
0.03353617	0.03070833	0.03008049	0.02791194	0.02941414	0.02750282	0.02749524	0.0292373
0.17862812	0.18281843	0.1892024	0.19209747	0.19313046	0.19479439	0.19505641	0.19698294
6.2752E-07	6.2752E-07	6.7375E-07	6.7268E-07	6.7532E-07	6.8791E-07	7.0051E-07	6.8028E-07
0.02478204	0.02274871	0.02387477	0.02421575	0.02433748	0.02377772	0.023601	0.0233167
8.9691E-05	6.065E-05	6.1904E-05	6.3157E-05	6.4411E-05	6.5664E-05	6.5664E-05	6.528E-05
0.0023401	0.00225481	0.00235879	0.00232865	0.0023336	0.00232101	0.00229362	0.0021854
1.19381219	1.11762324	1.25655904	1.13713694	1.17489133	1.16799731	1.20261346	1.06590578

0.00195915	0.00214356	0.00205172	0.00294419	0.02244335	0.029888	0.03147549	0.03055487
4.8436E-05	4.5513E-05	6.34E-05	7.0432E-05	7.0526E-05	8.3396E-05	6.8151E-05	0.000128
0.63320761	0.64136897	0.64885679	0.64167819	0.67350927	0.70889793	0.7577164	0.76704894
0.16676641	0.16940569	0.1738126	0.1610924	0.16638273	0.16784099	0.16997902	0.16219436
0.11052699	0.11112351	0.11309708	0.10770121	0.10359575	0.09025762	0.09703656	0.1036977
0.12935825	0.12468495	0.12245009	0.11799198	0.11278059	0.10836756	0.10392064	0.09937756
0.17599615	0.17232008	0.18912809	0.15145136	0.15066118	0.16462503	0.16285694	0.15581581
0.05636646	0.05744984	0.06289087	0.06448885	0.06606177	0.07182909	0.07372029	0.0776245
0.18946128	0.18616766	0.18069218	0.17770257	0.17390001	0.16927062	0.16609509	0.16042141
1.50832118	1.50798633	1.47638897	1.47383162	1.43263908	1.4377023	1.41042552	1.44785522
0.07964002	0.08230507	0.07647647	0.07475077	0.07642747	0.07407904	0.07605556	0.07869267
0.00023107	0.00023483	0.00026073	0.00023664	0.00026951	0.00021755	0.00010558	0.00017219
0.00063031	0.00063815	0.00069897	0.00062812	0.00064752	0.00067944	0.00068917	0.00101769
0.01208861	0.01169274	0.01411036	0.02202807	0.02775626	0.0279885	0.02360287	0.06143536
0.24162049	0.24142122	0.22497789	0.22337787	0.20952648	0.20707452	0.23548679	0.24782773
0.00157414	0.00156057	0.00157288	0.00121605	0.00123668	0.00126296	0.00126834	0.00128957
3.4957E-05	3.5704E-05	4.8247E-05	6.8304E-05	5.5709E-05	8.2393E-05	6.9995E-05	0.00013524
0.0732903	0.07210517	0.07262877	0.07212811	0.0654113	0.06118291	0.05937078	0.07138344
2.12589539	2.19166685	2.16790431	2.26320373	2.29558739	2.23085674	2.40034578	2.39092972
0.00019597	0.00017746	0.00022064	0.00020012	0.00020652	0.0002327	0.00020007	0.0003347
5.0607E-05	5.305E-05	0.00016695	0.00023179	0.00012664	0.00011897	0.00021541	0.00028064
0.04654228	0.04700932	0.05383694	0.0545759	0.054868	0.05524191	0.05570304	0.05641935
0.02189693	0.02217414	0.02240851	0.02237189	0.02185393	0.02142897	0.02137692	0.02162183
0.03098598	0.03009815	0.02880057	0.0280152	0.02699902	0.0261481	0.02527069	0.02426691
1.05397785	1.00446082	1.06615598	1.1949672	1.23661572	1.22395383	1.29866563	1.36215798
0.05200382	0.05712561	0.05993474	0.04905265	0.05215942	0.05481571	0.05298072	0.04949206
0.15083882	0.16363283	0.16486491	0.08494869	0.07990209	0.08414435	0.11661971	0.12501464
10.4917707	10.3999512	10.4123964	10.4585905	10.4050848	10.1440505	10.1905113	9.63047787
0.20818219	0.22182851	0.229222	0.23469174	0.18895874	0.18373126	0.1971539	0.16516393
0.19477718	0.20313368	0.21149612	0.21987485	0.22938889	0.2363533	0.24315474	0.24998002
0.6377821	0.4617584	0.53982578	0.63219758	0.6544592	0.67725135	0.80088235	0.68341055
0.04251598	0.04485568	0.04596121	0.04706247	0.0467578	0.0483848	0.05005557	0.05076244
0.00020174	0.00019771	0.00021439	0.00022028	0.00018406	0.00019844	0.00021743	0.00020264
0.37597878	0.39732742	0.20133077	0.19788202	0.18779796	0.17624081	0.14441899	0.15205667
0.00460302	0.00458704	0.0045528	0.00456703	0.00452817	0.00453007	0.00461775	0.00449532
0.00350261	0.00323735	0.00311717	0.00335075	0.00333502	0.00335864	0.00357973	0.0032007
0.02144077	0.02111904	0.02084312	0.01971855	0.01979603	0.01786307	0.01831155	0.01545907
0.04394177	0.04523212	0.04580683	0.04932848	0.05150373	0.05166886	0.05015568	0.04811306
4.6222E-05	3.8691E-05	5.3071E-05	5.8508E-05	6.0873E-05	6.9798E-05	6.9182E-05	0.00011727
0.00858197	0.00827996	0.00805429	0.00724215	0.00863521	0.00829646	0.00889005	0.00822167
0.19567928	0.20023887	0.20406851	0.20148269	0.2031642	0.20458982	0.20627937	0.20752405
0.49852126	0.5619107	0.61413073	0.50938888	0.51927469	0.50756205	0.49901994	1.06908513
0.00648696	0.00655287	0.0064539	0.00572008	0.00555596	0.00535765	0.00540467	0.00581108
0.00010919	0.00010789	0.00010987	9.0552E-05	9.2555E-05	9.603E-05	9.3046E-05	0.00010686
0.15800245	0.15299182	0.15223755	0.14542133	0.1542882	0.15646286	0.14571031	0.14449902
0.03642366	0.03746496	0.03780253	0.03449321	0.03940573	0.04198838	0.04057806	0.04268334
0.02086002	0.01863615	0.02136139	0.01789342	0.01951364	0.01799299	0.0194861	0.02346361
0.02181774	0.02182931	0.02126113	0.02082571	0.02993751	0.0861952	0.09047366	0.01785248
0.74940825	0.74495157	0.30207916	0.31065929	0.31226697	0.32514266	0.31600532	0.3155213
0.03290545	0.03311518	0.03362655	0.03431913	0.03485794	0.03566534	0.03723206	0.03765137
0.00040758	0.00038812	0.00035617	0.00029803	0.0002802	0.00027916	0.00024951	0.00026232



0.60696611	0.64020617	0.64276292	0.60109104	0.63573278	0.64003084	0.64822357	0.66366257
0.04269966	0.04367133	0.04273998	0.04896831	0.04817909	0.0471694	0.04810788	0.04885001
2.2969398	2.36021927	2.42550562	2.49513717	2.55258501	2.62178478	2.68295678	2.74017465
0.1842471	0.19810311	0.18783742	0.18527953	0.19549232	0.19842456	0.19687473	0.18617302
0.00288217	0.00266136	0.00309682	0.00336177	0.003234	0.00322551	0.00359885	0.00349584
1.4755E-05	1.5159E-05	1.64E-05	1.5333E-05	1.5925E-05	1.7229E-05	1.688E-05	2.1095E-05
1.24255402	1.22373898	1.3239102	1.27596228	1.28684862	1.23801629	1.19106643	1.18096351
7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08	7.8175E-08
0.05000457	0.05195816	0.05430299	0.05559281	0.05713664	0.05671072	0.05068355	0.05004706
0.17647464	0.20562355	0.212834	0.20653788	0.18695294	0.23380128	0.26612908	0.23217953
0.0358623	0.03743775	0.02551361	0.02356071	0.0218406	0.02336487	0.02188287	0.0171866
0.08024792	0.08168276	0.08308032	0.08546537	0.08759387	0.08580044	0.09480197	0.09485692
1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08	1.5635E-08
0.17260607	0.1673359	0.16009945	0.15606773	0.1506786	0.14583639	0.14090063	0.13445937
0.0007251	0.00072528	0.00072543	0.00072561	0.00072576	0.00072586	0.00072596	0.00072606
0.01116311	0.01095098	0.01068101	0.01068539	0.01048362	0.01031757	0.01009762	0.00970245
0.03741874	0.03664199	0.03542276	0.03476374	0.03376301	0.03287306	0.03181236	0.03068156
0.00429383	0.00426999	0.00425576	0.00424622	0.00423073	0.00422704	0.00423343	0.00418116
0.18358141	0.05957393	0.04690634	0.04541219	0.0507072	0.04465877	0.04467038	0.04182521
2.0984E-05	1.9113E-05	2.9953E-05	2.7689E-05	2.8362E-05	3.3773E-05	3.1459E-05	5.6758E-05
0.00062897	0.00066308	0.00099504	0.00093064	0.0015606	0.00093775	0.00094908	0.00098437
0.24040613	0.24610829	0.25273295	0.25812279	0.26290775	0.28019853	0.29709868	0.30285424
0.00159119	0.0016431	0.00169698	0.0017529	0.00181088	0.00184406	0.00187795	0.00191255
0.02239387	0.02940634	0.02857565	0.0320911	0.03076797	0.02997305	0.03323056	0.03325453
0.00091048	0.00087479	0.0008232	0.00088975	0.0008418	0.00081678	0.00081363	0.00085119
0.07716892	0.07874072	0.08028839	0.12387413	0.0907023	0.08653323	0.06412553	0.07010702
0.11023105	0.10477548	0.10284577	0.09708885	0.10425567	0.10248307	0.10107506	0.10073641
0.07262247	0.07468492	0.07500098	0.07347757	0.07632956	0.07742684	0.07833253	0.07949379
0.17184265	0.16473753	0.19681458	0.17861522	0.19251319	0.19530459	0.18866513	0.18927557
2.57910363	2.73807087	2.55560679	2.38054178	1.92622104	1.78835764	1.61265983	1.29451578
7.53911009	7.78494428	7.81496389	7.84112197	7.81028647	7.87778384	8.07789694	8.1688905
0.09662609	0.08727027	0.07912444	0.07726021	0.07481968	0.07565955	0.07630398	0.08159149
1.169818	1.1640825	1.15331662	1.04406859	0.9856191	0.86584939	0.90071334	0.93812696
0.01710196	0.01790346	0.01708143	0.01205419	0.01082788	0.01150911	0.01273653	0.0130888
0.00279291	0.00275946	0.00329247	0.00321839	0.00333683	0.00308584	0.00307887	0.00311465
0.00840649	0.00693026	0.00288792	0.00296804	0.00311773	0.00299911	0.00298483	0.0032081
0.87768168	0.94377314	0.94335434	0.89706538	0.94252767	0.94771035	0.9755605	0.99083401
0.01459699	0.02085598	0.00931219	0.0074213	0.00685433	0.0058427	0.00588109	0.0063229
0.00347632	0.00338959	0.00216867	0.00275416	0.00298275	0.00465095	0.00612266	0.00594821
1.04582252	1.03366085	0.98077687	0.95098635	1.05276444	1.11122017	1.18288059	0.97851789
0.22289962	0.21398939	0.20697824	0.25496342	0.21783884	0.22833947	0.27344863	0.2643276
0.33117277	0.33745843	0.34542696	0.35381109	0.36028209	0.36752958	0.3783107	0.38144004
0.03230955	0.02984647	0.03940209	0.03847856	0.03665327	0.03948931	0.01302903	0.01785128
0.0811666	0.08156783	0.08213064	0.08266528	0.08303421	0.08314741	0.08296563	0.0814935
0.00015359	0.0001433	0.00015954	0.00015659	0.00015103	0.00016446	0.00018652	0.00017753
1.7809E-05	1.6104E-05	2.2262E-05	2.4492E-05	2.502E-05	2.9869E-05	2.5888E-05	4.7549E-05
0.36819162	0.37834807	0.38248515	0.30710954	0.24387696	0.16985518	0.15896627	0.15847851
0.00047369	0.00050851	0.00045795	0.00066994	0.00064389	0.00089502	0.00095916	0.00119932
0.05868553	0.05705572	0.05574921	0.05637072	0.05697633	0.056424	0.05670686	0.05606717
0.0064503	0.00638893	0.00614954	0.00641358	0.0060159	0.00623991	0.00618584	0.00712349
0.10403948	0.10405022	0.10254524	0.10295957	0.1019791	0.10146206	0.10027976	0.09883641

0.00931751	0.01100988	0.01050148	0.01014919	0.00950577	0.00964922	0.00983381	0.00983196
0.00016059	0.00015788	0.00016878	0.00014612	0.00014676	0.00015412	0.00014991	0.00017959
0.12542885	0.1178303	0.11329683	0.11122676	0.10450764	0.09779288	0.09168225	0.08859027
0.08631703	0.08418582	0.08174092	0.07990647	0.07768647	0.07571239	0.07386042	0.07150599
0.04190281	0.04302557	0.04168221	0.04096295	0.03843134	0.03908552	0.03896248	0.03934951
0.00775326	0.00831123	0.00894724	0.00882425	0.00917282	0.01042108	0.00962262	0.00932157
0.06386625	0.06419895	0.06084686	0.06047619	0.05780816	0.05865739	0.06529093	0.06687042
0.00337959	0.0032135	0.003495	0.00349928	0.00483168	0.00493041	0.00475202	0.00397494
0.25411393	0.26065599	0.26785972	0.27379334	0.28581092	0.29337237	0.30487707	0.31058259
0.04418129	0.04308185	0.04474528	0.0464688	0.04507715	0.05417047	0.06588661	0.06602393
0.12605535	0.12789213	0.12944142	0.13140679	0.13322592	0.18282709	0.18940673	0.19274238
0.00262246	0.00305554	0.00352524	0.00454185	0.00309902	0.00343771	0.00365381	0.00388006
1.15651995	1.21335835	1.155647	1.15443061	1.22730652	1.24450448	1.2628521	1.29537846
0.009879	0.01215137	0.01243285	0.01285255	0.01267768	0.01122682	0.01260481	0.01101572
0.07815059	0.07630854	0.07431547	0.07350304	0.07409869	0.07374176	0.07413934	0.07073656
0.00110382	0.00085064	0.00054588	0.00057565	0.00060247	0.00058978	0.00116044	0.00116036
0.47963119	0.46723968	0.48038373	0.49210586	0.50030343	0.7273706	0.84216294	0.85190088
0.03164099	0.03211949	0.03545255	0.03068172	0.02808052	0.03025548	0.03277922	0.03720988
0.15322379	0.15696479	0.16080188	0.16464013	0.16853381	0.17234538	0.17606403	0.17976733
0.03119765	0.0310412	0.03024664	0.03117513	0.03083329	0.03026358	0.03239997	0.03100614
0.00066575	0.0006657	0.00066565	0.0006656	0.00066557	0.00066552	0.00066547	0.00066542
0.0010091	0.00099809	0.00099105	0.00097892	0.00096658	0.00096678	0.00101155	0.00098373
0.08476595	0.08317797	0.08067218	0.07932784	0.07700202	0.07536759	0.07377657	0.07169468
0.01255513	0.01168639	0.01100409	0.00983618	0.06663654	0.03382242	0.12944028	0.09964595
0.08688005	0.09214254	0.10080903	0.10669951	0.11087612	0.11096696	0.10981472	0.11091284
0.00458471	0.00462393	0.0055615	0.00631144	0.00530354	0.00557971	0.00537095	0.00536099
0.06235906	0.0678546	0.09057233	0.09416394	0.09789263	0.10116075	0.10530495	0.11134124
3.86386518	4.0243141	4.10515671	4.22684973	4.29966098	4.36188065	4.43671863	4.51201502
0.04748152	0.04788441	0.04791961	0.04822944	0.04879001	0.04956878	0.05000756	0.04986932
0.16026882	0.15552539	0.16255415	0.16909851	0.17051423	0.16390754	0.16332974	0.17754537
0.07274544	0.07430465	0.06706785	0.06055034	0.06166903	0.06225409	0.06419119	0.06387548
0.59187485	0.49201336	0.55332624	0.53896962	0.54064816	0.56598119	0.58334035	0.59410242
0.10146904	0.10739183	0.10842724	0.12299102	0.11725551	0.11412441	0.10648455	0.10363384
0.00758381	0.00905396	0.00949573	0.00957955	0.01046443	0.01090041	0.01050084	0.01242293
1.26833939	1.29519929	1.32302946	1.34374031	1.36105821	1.38582769	1.41173174	1.43821636
0.00813828	0.00810079	0.00816677	0.00839936	0.00811458	0.00808732	0.00806846	0.00813786
0.12158877	0.12222052	0.11747306	0.1181394	0.1132454	0.12093057	0.10785286	0.1072707
0.24357655	0.24828464	0.25690766	0.2603192	0.25828144	0.25543657	0.26250813	0.25871468
0.0045076	0.00473615	0.00027431	0.00258582	0.00244587	0.00234142	0.00244776	0.00251846
0.06039752	0.05922739	0.06690624	0.06723575	0.06770916	0.06890713	0.06906125	0.06801638
0.86387254	0.87201943	0.85511627	0.80813273	0.80688085	0.85172639	0.95531201	1.11936916
0.00469913	0.0044777	0.0048569	0.00480527	0.00455399	0.00455382	0.00150294	0.00152195
0.06854967	0.06729081	0.05654081	0.0599072	0.05090389	0.05147109	0.09606334	0.08882914
0.10586683	0.10755541	0.11106488	0.11762555	0.11849535	0.12138157	0.12303883	0.12449372
0.03921717	0.03779217	0.03184942	0.03313253	0.03255184	0.04929898	0.04997067	0.04734734
0.00211151	0.00190501	0.00210398	0.00200704	0.00189996	0.00194546	0.00195059	0.00187089
0.00045357	0.00021974	0.00022938	0.00025503	0.00029149	0.00031357	0.00034574	0.00030698
0.0041417	0.00413958	0.00413747	0.00413539	0.00413334	0.00412814	0.00412299	0.00411787
0.22821378	0.25020129	0.22630286	0.22485218	0.22556215	0.23240073	0.23591792	0.25583882
1.47679502	1.1903795	1.09800435	1.40098685	1.26525971	1.11580839	1.13208026	1.15278583
0.08910972	0.09195946	0.09374638	0.09416778	0.09444716	0.09461704	0.09606698	0.09849908

0.00412166	0.00397942	0.00389684	0.00398	0.00450545	0.00466158	0.00500374	0.0052145
0.08963321	0.1112827	0.11052726	0.0987698	0.10107071	0.11745005	0.11529988	0.10811914
0.23872063	0.24946873	0.25096679	0.25331402	0.26106482	0.2645843	0.26570132	0.27440226
0.04281895	0.04396274	0.03470795	0.04168057	0.04129805	0.04114413	0.03478755	0.03527052
0.00027846	0.00027818	0.00028812	0.00026873	0.00027327	0.00027386	0.00026834	0.00026929
1.6444E-08	1.6444E-08	2.0065E-08	2.0031E-08	2.0189E-08	2.1075E-08	2.1961E-08	2.3089E-08
0.00202199	0.00197295	0.00220927	0.00215075	0.00202653	0.00202322	0.00204695	0.00203219
0.08437006	0.08245149	0.07969988	0.07825537	0.07543964	0.07337906	0.07125831	0.06866657
0.01421757	0.01519231	0.0138724	0.01049367	0.00900792	0.00875437	0.00936882	0.00841945
0.20704689	0.20169466	0.19647137	0.19130381	0.18769143	0.18574038	0.1832542	0.18025036
1.3587E-05	1.2897E-05	1.53E-05	1.4791E-05	1.4678E-05	1.6442E-05	1.4799E-05	2.3777E-05
0.00177535	0.00162967	0.00159571	0.0016196	0.0016634	0.00163612	0.00162861	0.0015279
0.0268068	0.03771901	0.02629625	0.02987034	0.0288928	0.0452165	0.03884078	0.03297358
0.03165138	0.02822771	0.02927852	0.03139931	0.02756333	0.02658864	0.02612777	0.02627421
0.04654383	0.04636712	0.04652574	0.04278071	0.04550669	0.04570898	0.04400025	0.04149606
0.17845369	0.17972306	0.16639813	0.15600792	0.14989237	0.14782723	0.1436944	0.13077326
0.01484712	0.01494135	0.01611043	0.01616303	0.01775979	0.01841682	0.01373011	0.01382513
0.00089981	0.00096818	0.00089813	0.00136094	0.00152359	0.00176376	0.0021342	0.00155898
0.1692624	0.13348122	0.08224044	0.07635409	0.06877702	0.05846396	0.05674686	0.07683792
3.1527E-05	2.857E-05	3.3608E-05	3.4128E-05	3.4957E-05	3.9116E-05	3.7656E-05	5.5625E-05
0.105793	0.10442054	0.10142193	0.09996781	0.09736473	0.09508486	0.09373339	0.09081928
0.04424006	0.04554424	0.04665084	0.04782082	0.04839785	0.05014957	0.04680201	0.0498924
1.33768315	1.36153016	1.40342571	1.4276202	1.41038002	1.05025592	0.95862702	1.03942906
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0.02599458	0.02667825	0.02457659	0.02431707	0.02454759	0.02444236	0.02451404	0.02449265
0.00161241	0.0016155	0.00207575	0.00213801	0.00196744	0.00194043	0.00194385	0.00184231
0.00028117	0.00025966	0.00027123	0.0002867	0.00027199	0.00029328	0.00035812	0.00029617
0.00077177	0.00074233	0.0007748	0.00077082	0.00077218	0.00074433	0.00073064	0.0007059
0.13800901	0.13877373	0.13909046	0.14667982	0.15138825	0.15454222	0.1611525	0.16121072
1.83530137	1.41420614	1.33294615	1.36554768	1.09015462	0.998278	1.1355582	1.05098067
0.04348932	0.04652657	0.05153732	0.05125598	0.04437825	0.04474457	0.04353449	0.0440868
0.58796635	0.57062497	0.59464835	0.58579431	0.60104939	0.61183031	0.61785944	0.62666865
0.33010873	0.34142857	0.35862645	0.37052663	0.38691415	0.39727043	0.42165333	0.44696918
0.50905088	0.49800439	0.51141843	0.47670866	0.46882565	0.53162692	0.44831104	0.46841889
0.06592609	0.06314448	0.0575358	0.05562231	0.05460534	0.0550069	0.05590211	0.05185901
6.23877171	5.84200828	6.45902414	6.57622527	6.0691392	5.67095043	5.1653796	5.47177184
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0.00011497	0.00011666	0.00011755	0.00010094	0.00010117	0.00010518	0.0001052	0.00012086
0.0172621	0.01671349	0.01625382	0.015696	0.01526064	0.01384328	0.01330404	0.01276108
3.2402E-05	3.2095E-05	3.3538E-05	3.125E-05	3.1422E-05	3.4979E-05	3.1359E-05	5.2448E-05
0.63559241	0.62723951	0.62441447	0.62054093	0.74199361	0.77776452	0.83937985	0.8489133
0.0012409	0.0011488	0.00127665	0.00131204	0.0012537	0.00127079	0.00131659	0.00138536
0.00123522	0.00119549	0.00131885	0.00131202	0.00134461	0.00140444	0.00142059	0.00135633
0.07249141	0.05626147	0.10446756	0.10362477	0.02236882	0.01082105	0.00980627	0.02999025
0.50853401	0.52391047	0.55359885	0.57428321	0.52023116	0.47629031	0.55677537	0.49563212
0.1798129	0.1857326	0.18969588	0.19473909	0.19935249	0.203956	0.20593774	0.21086397
0.32170601	0.32843611	0.33686376	0.34113313	0.34522618	0.32821857	0.33663113	0.34627566
2.1386E-05	2.0336E-05	1.9494E-05	2.4717E-05	2.3475E-05	2.425E-05	2.48E-05	2.5187E-05
0.00393396	0.00403335	0.00421737	0.00441506	0.00464052	0.00475549	0.00486807	0.00495775
0.0648069	0.06005745	0.0601685	0.06313329	0.0687797	0.07107612	0.06766916	0.06103684
0.00014624	0.00018239	9.7042E-05	0.00020917	0.00027199	0.00056045	0.00054098	0.00028492

0.00441559	0.00484964	0.00409002	0.00629017	0.00626931	0.00475528	0.00283557	0.00150941
0.01390121	0.01431592	0.01669922	0.01441099	0.01530363	0.01431173	0.01529142	0.01706173
0.02462432	0.02575864	0.0280242	0.02878683	0.02905852	0.02641502	0.02618327	0.02745527
			7.463E-06	6.7943E-06	6.0572E-06	7.6192E-06	5.4769E-06
0.54827383	0.66647155	0.7407369	0.75446928	0.71316115	0.75187262	0.81188095	0.88182317
0.00656793	0.00543874	0.00516767	0.00542147	0.00386522	0.00352699	0.00351191	0.00249916
0.00539305	0.00611065	0.00666308	0.00554451	0.00467687	0.00443386	0.00418013	0.00441542
0.00190973	0.00191328	0.00859562	0.00846679	0.00816759	0.0081689	0.00806517	0.00804612
0.00359669	0.00363006	0.00358541	0.00364329	0.00361811	0.00346354	0.00345461	0.00340949
0.01333507	0.0136436	0.01552902	0.01597466	0.01642031	0.01676312	0.01735706	0.01773054
0.01918148	0.0197542	0.02034823	0.0209936	0.02081766	0.02134004	0.02159429	0.02208032
0.00434811	0.00439364	0.00444585	0.00443843	0.00453707	0.00439961	0.00433813	0.00425446
0.00137878	0.00102134	0.00104113	0.00097035	0.00114297	0.00112122	0.00112291	0.00094917
0.00212721	0.00256312	0.00278	0.00253357	0.00268796	0.0030409	0.00321101	0.00282485
0.00011544	0.00011562	0.00011581	0.00013643	0.00012576	0.00012524	0.00012314	0.00012046
0.01066634	0.01022452	0.01429906	0.01616842	0.01678652	0.01798228	0.01265469	0.01264665
0.00357336	0.00378593	0.00386892	0.00374717	0.0038544	0.00369952	0.00303034	0.00293898
8.0978E-05	8.1782E-05	8.1031E-05	9.5227E-05	8.7904E-05	8.8107E-05	8.5603E-05	8.5397E-05
0.00460099	0.00442801	0.00430279	0.00428861	0.00423529	0.00419776	0.00409694	0.00412607
0.67099598	0.67280868	0.73310897	0.74416236	0.76918347	0.70816882	0.69950919	0.81561006
4.7841E-05	3.2733E-05	3.2383E-05	3.7717E-05	3.4425E-05	3.4008E-05	3.3472E-05	3.2686E-05
0.00257186	0.00239957	0.00252866	0.00251422	0.00246563	0.00312808	0.0032908	0.00272426
0.00023786	0.00023702	0.00024105	0.00024146	0.00024168	0.00024044	0.00024294	0.00029609
0.00154262	0.0015769	0.0015769	0.0015769	0.00161118	0.00161118	0.00160377	0.00160388
0.00623024	0.00635608	0.00648579	0.00662873	0.00651151	0.0066161	0.00663596	0.00672555
0.09643612	0.09447559	0.10013319	0.10313838	0.1054341	0.09731636	0.10226875	0.10513885
0.00067816	0.00069937	0.00074258	0.00081331	0.00030448	0.00020284	0.00019387	0.00018245
0.01006371	0.00980451	0.01902518	0.01292701	0.00395499	0.00355197	0.0049727	0.00572842
1.96234165	1.98415505	2.01237391	1.5695365	1.54770394	1.33180157	1.45051681	1.35248248
0.04463032	0.04623278	0.04890152	0.05013248	0.05388932	0.05858838	0.05207882	0.04444344
0.01024566	0.0100452	0.01052061	0.01113769	0.0121631	0.01220355	0.01212994	0.0124516
0.0283767	0.12326706	0.12748059	0.13197061	0.13645077	0.14116638	0.14121191	0.14274986
0.01722579	0.01530222	0.01780615	0.01677687	0.0163441	0.01615432	0.0164667	0.01981838
0.02174087	0.0203545	0.01218765	0.01145212	0.01073417	0.00920913	0.00909371	0.00918761
0.00129874	0.001337	0.00137667	0.00141979	0.00140736	0.00143974	0.0014539	0.00148359
2.9314E-05	2.9369E-05	2.943E-05	2.9538E-05	2.8494E-05	2.8498E-05	2.8136E-05	2.807E-05
0.00012376	0.00010459	9.8196E-05	0.00013248	0.00013248	4.3555E-05	4.302E-05	3.0884E-05
0.00330665	0.00334334	0.003605	0.00430505	0.00414172	0.0036014	0.00340307	0.00370679
2.5558E-06	1.0569E-06	8.3843E-07	9.789E-07	8.9427E-07	8.8585E-07	8.6639E-07	8.4308E-07
3.2834E-05	3.2834E-05	3.2834E-05	4.6762E-05	3.2834E-05	6.5667E-05	8.1786E-05	5.309E-05
0.01116232	0.01077818	0.0111241	0.01170058	0.01157626	0.01148486	0.00780003	0.0078761
0.02619298	0.0242427	0.02311176	0.02130815	0.02269559	0.02196739	0.02076012	0.02065611
0.00154927	0.00157791	0.00160744	0.00164009	0.0016084	0.00170557	0.00162999	0.00164738
2.5664E-05	2.5259E-05	2.4943E-05	2.8878E-05	2.6157E-05	2.5911E-05	2.5342E-05	2.466E-05
0.00203451	0.00200313	0.00200624	0.00203959	0.00206309	0.00219136	0.00205221	0.0019354
0.00344626	0.00346649	0.0035555	0.00369261	0.00372109	0.0039679	0.00404821	0.00428394
0.05073886	0.06789081	0.07130996	0.07728803	0.07985052	0.07460586	0.07542559	0.07454104
0.0167709	0.01225137	0.01220842	0.01418558	0.01428381	0.01463125	0.01426079	0.01251383
0.07145759	0.07956915	0.07721225	0.08014102	0.08030406	0.08233573	0.07927732	0.07926657
0.00483354	0.00503922	0.00527918	0.00548487	0.00569054	0.00589623	0.0054896	0.00555736

0.01928042	0.02296763	0.02627102	0.02499546	0.01770984	0.01665153	0.01561163	0.01549042
0.00536735	0.00520566	0.004924	0.00488191	0.00488869	0.00430642	0.00421863	0.00487676
0.04408459	0.04569577	0.04727267	0.04881529	0.05025507	0.05172913	0.05320885	0.05469486
0.00233095	0.00204212	0.0022405	0.00225584	0.00220233	0.00188286	0.0017556	0.00169747
8.101E-05	8.1265E-05	8.3231E-05	8.3925E-05	8.459E-05	8.4567E-05	8.5862E-05	8.6176E-05
1.033E-05	1.0251E-05	1.0166E-05	1.1869E-05	1.0955E-05	1.1627E-05	1.2238E-05	1.2857E-05
0.0116432	0.00902911	0.00730967	0.00683885	0.00677577	0.00626326	0.00668082	0.0066467
0.01031118	0.01008477	0.01023168	0.01103001	0.01162941	0.01116237	0.01129978	0.0101765
0.03156453	0.03416379	0.03216126	0.03012911	0.03126584	0.03073971	0.03089522	0.02938961
8.1684E-05	0.00010022	1.9782E-05	2.3011E-05	2.8097E-05	3.0725E-05	7.3182E-06	6.0247E-06
0.04576021	0.04594815	0.04976682	0.05422297	0.05420286	0.05429036	0.05733393	0.05715172
0.01133141	0.01160172	0.01188097	0.01218634	0.01201378	0.01225047	0.01233122	0.01254244
0.00010799	0.00010835	0.00010866	0.00010902	0.00010933	0.00010954	0.00010975	0.00010995
0.00191788	0.00196287	0.00200933	0.00206016	0.0020302	0.00206806	0.00207953	0.00211296
0.00208778	0.00214102	0.00219613	0.00225621	0.00222786	0.00227835	0.00230004	0.00234624
0.00839286	0.00575815	0.00587969	0.00575582	0.00517599	0.00435176	0.00324183	0.00330585
0.0034709	0.0048033	0.00633	0.00628588	0.00616025	0.00667113	0.00601229	0.00540113
0.00199306	0.00212529	0.00221382	0.00234224	0.00247134	0.00268641	0.00293161	0.00297437
0.00038904	0.00040582	0.00042338	0.00044172	0.00046077	0.00047224	0.00048401	0.00049605
6.8561E-05	6.8561E-05	6.8561E-05	6.8561E-05	6.8561E-05	3.4278E-05	5.1422E-05	4.7648E-05
2.2866E-05	1.6384E-05	1.9129E-05	1.9814E-05	1.7074E-05	1.6384E-05	5.1398E-06	3.9096E-06
0.00202571	0.00179144	0.0015586	0.00156551	0.00170992	0.00170787	0.00163382	0.0016138
0.04117076	0.04278194	0.04288478	0.04298762	0.04305618	0.04367323	0.04417968	0.04483524
0.00125281	0.00114352	0.00141802	0.00165466	0.0012232	0.00166505	0.00174057	0.0020342
0.06409478	0.07177878	0.06805673	0.07038312	0.07239248	0.06844777	0.06962815	0.06791267
0.2029341	0.21224845	0.20636576	0.20556051	0.20284438	0.19999336	0.19569459	0.19303009
0.00058392	0.0006928	0.0006781	0.00060569	0.00049896	0.00062035	0.00064146	0.0005648
0.12214321	0.11462669	0.11791737	0.12441982	0.12378433	0.14783236	0.162588	0.15792129
0.08084427	0.10792416	0.11346028	0.13500822	0.15036951	0.16430598	0.16807212	0.16922154
0.00361338	0.0028712	0.00097755	0.00107825	0.00178976	0.00181233	0.00121954	0.00095364
0.01888212	0.01728112	0.01088465	0.00935957	0.0102884	0.00785438	0.01071225	0.01050207
0.00130265	0.00130265	0.00130265	0.00130265	0.00130265	0.00130265	0.00131695	0.00131695
0.00111578	0.00123452	0.0010837	0.00119336	0.00123414	0.00221579	0.00182987	0.00186031
0.03713668	0.03506226	0.03613363	0.03400475	0.03268394	0.03103062	0.02915258	0.02928243
0.10064719	0.09328147	0.10122206	0.06133369	0.04576368	0.04470225	0.04282605	0.03932152
0.0789423	0.08100004	0.08308841	0.08518679	0.08734646	0.08947184	0.09161564	0.09368611
2.9819E-06	0.00032906	1.3547E-05	6.2727E-06	0.00422511	7.6789E-06	1.069E-05	1.9308E-05
0.01363307	0.01366522	0.01369737	0.01372953	0.01376168	0.01376168	0.01371187	0.01361332
1.2029E-05	1.2257E-05	1.2707E-05	1.3004E-05	1.3293E-05	1.3499E-05	1.3882E-05	1.4149E-05
0.01881796	0.01616736	0.01829307	0.01857671	0.01999538	0.02215688	0.02252262	0.01838321
0.02702484	0.02262232	0.02388104	0.02406473	0.02102307	0.02290678	0.01980422	0.02084336
0.00607701	0.00614131	0.00620562	0.00639854	0.00659146	0.00659146	0.00659146	0.00668792
0.00010284	0.00010284	0.00010284	0.00010284	0.00010284	0.00010284	0.00010284	0.00010284
0.00774351	0.00804719	0.00836453	0.00870826	0.00871376	0.00901518	0.0092071	0.00950152
0.02166623	0.05240124	0.03848152	0.02736089	0.02502064	0.02273572	0.035803	0.04210086
3.6207E-05	3.6356E-05	3.6472E-05	4.3072E-05	3.9795E-05	3.9199E-05	3.9854E-05	3.6885E-05
0.0003632	0.00104498	0.00104498	0.00104753	0.00108054	0.00111482	0.00048814	1.7084E-05
0.00313202	0.00319537	0.00326068	0.00333265	0.00327381	0.00332493	0.00333345	0.00337699
0.00187267	0.00168968	0.00158039	0.0014131	0.00150559	0.00148143	0.00138366	0.00134911

0.0003339	0.00036729	0.0003339	0.00043407	0.00036729	0.00040068	0.00042018	0.00029163
4.3873E-05	4.175E-05	4.1843E-05	7.0173E-05	4.2913E-05	5.0839E-05	0.00016612	8.4803E-05
0.00268728	0.00249173	0.00223448	0.00234621	0.00150967	0.00066043	0.00068563	0.00070544
4.7726E-07	4.1421E-07	3.0741E-05	3.0668E-05	3.0631E-05	3.0594E-05	3.0701E-05	1.2378E-05
0.02996107	0.03181221	0.03369763	0.03575446	0.03787984	0.02636163	0.02749346	0.02749346
2.6641E-05	2.7088E-05	2.8099E-05	2.8734E-05	2.9347E-05	2.9574E-05	3.0298E-05	3.0691E-05
0.0601273	0.07404473	0.07489817	0.07582802	0.07489509	0.06791151	0.05794953	0.05735963
0.0007983	0.00079754	0.00070926	0.00065096	0.00065096	0.00045329	0.00039535	0.0006085
0.00448786	0.00449621	0.00546413	0.00548417	0.0085079	0.00875681	0.01020367	0.01017956
0.00182938	0.00217096	0.00227663	0.00226809	0.00219928	0.00221535	0.00232358	0.00213019
0.0010466	0.00085812	0.00086184	0.00090692	0.00093973	0.00086086	0.00062101	0.00061427
0.05151349	0.05220524	0.05239972	0.05291037	0.05333897	0.05381351	0.05442535	0.05506834
0.00624611	0.00662928	0.00682278	0.00687363	0.00684987	0.00705067	0.00704855	0.0069036
9.2651E-05	9.2547E-05	9.2444E-05	9.2341E-05	9.2289E-05	9.2186E-05	9.2083E-05	9.1979E-05
3.428E-05	3.428E-05	3.428E-05	3.428E-05	3.428E-05	3.428E-05	1.7418E-05	1.6005E-05
0.01597262	0.01639446	0.01683092	0.01730659	0.01710417	0.01748974	0.01765393	0.01800636
0.03025512	0.03417581	0.03702609	0.0400587	0.04120891	0.03385862	0.02611234	0.02435434
0.00466213	0.00493638	0.00462785	0.00497066	0.00551914	0.00555342	0.00579037	0.0062801
1.9199E-05	1.9504E-05	2.0214E-05	2.0628E-05	2.1061E-05	2.1296E-05	2.183E-05	2.2194E-05
0.00144482	0.00198539	0.00233545	0.00233545	0.0021272	0.00215157	0.00217822	0.00219644
0.23261861	0.21751396	0.2064246	0.20225032	0.19875677	0.19719871	0.20420237	0.20466651
0.00046008	0.00045191	0.00044238	0.00044895	0.00036691	0.0004329	0.00045236	0.00046555
0.00752905	0.00743639	0.00726627	0.00700829	0.00710583	0.00693592	0.00648146	0.00666192
0.01363229	0.01304136	0.01446297	0.01505987	0.01732418	0.01410065	0.01364133	0.01358949
0.00033089	0.00033089	0.00033089	0.00033089	0.00033089	0.00033089	0.00035479	0.00035889
0.00156067	0.00190892	0.00149444	0.00214945	0.00279208	0.00268141	0.00293027	0.00176791
0.01714019	0.0207897	0.02285045	0.02455487	0.02369878	0.0239237	0.02544806	0.02402278
0.01109462	0.0146714	0.01535713	0.014609	0.0150221	0.0150036	0.01524802	0.01526757
6.8561E-05	6.8561E-05	6.8561E-05	3.428E-05	3.428E-05	3.428E-05	3.9077E-05	3.9077E-05
0.01084589	0.0100637	0.00943561	0.01097165	0.01074841	0.00980088	0.00899667	0.00811808
0.04712754	0.04979181	0.05196667	0.05484688	0.05597096	0.05792063	0.05987257	0.06145035
1.2577E-05	1.2488E-05	5.9703E-06	7.2611E-06	9.3908E-06	8.9902E-06	9.3985E-06	8.4696E-06
0.00046748	0.00064097	0.00067632	0.00252294	0.0010865	0.00123352	0.00087577	0.00085406
0.01649203	0.01515316	0.01411636	0.01369509	0.01497129	0.01403665	0.0135542	0.01374189
5.6621E-06	5.3332E-06	5.6814E-06	5.7749E-06	6.1369E-06	6.1498E-06	9.9669E-07	1.073E-06
0.00550579	0.00554007	0.00561502	0.00564291	0.00567719	0.00571147	0.00577255	0.00581873
0.00351502	0.00445032	0.00604363	0.00437402	0.00530804	0.00579469	0.00539848	0.00486725
0.01479059	0.01414752	0.01482274	0.01459767	0.01382599	0.01321507	0.01428192	0.01395202
1.716E-05	1.7269E-05	1.7734E-05	1.7972E-05	1.8161E-05	1.8205E-05	1.8533E-05	1.8657E-05
0.03145314	0.028203	0.02552496	0.02691172	0.02717674	0.02627951	0.02674993	0.02654047
0.00046914	0.00046895	0.00046876	0.00046857	0.00046841	0.00046727	0.00046615	0.00046504
0.00676802	0.00632568	0.00439544	0.00407535	0.00556007	0.00287581	0.00833687	0.00903747
0.68894082	0.62556974	0.5830665	0.63697251	0.71433898	0.7577988	0.82361602	0.82090765
0.00794192	0.00832777	0.00871362	0.00909949	0.00951751	0.00996794	0.0097349	0.01038765
0.06211147	0.05678795	0.05690373	0.07164641	0.06491485	0.06639609	0.0675337	0.07036242
0.00060218	0.00086423	0.00094764	0.00133059	0.0014921	0.0015269	0.00153271	0.00145745
0.06756563	0.06667705	0.06825681	0.0693498	0.07073286	0.07020694	0.07084919	0.07270992
0.01805141	0.01853372	0.01551261	0.013002	0.01107898	0.00931178	0.00613263	0.00588779
0.00531357	0.00511922	0.0048108	0.00432938	0.00455163	0.00467338	0.00502029	0.00496541
1.4279E-07	1.4863E-07	1.8135E-07	1.8104E-07	1.8248E-07	1.897E-07	1.9693E-07	2.0659E-07
4.3699E-05	4.456E-05	4.6385E-05	4.7568E-05	4.8717E-05	4.9394E-05	5.0809E-05	5.1741E-05

0.01246757	0.01280051	0.01314507	0.01352047	0.01336613	0.0136691	0.01379921	0.01407641
0.00029082	0.00028954	0.00027424				4.4731E-07	1.0951E-06
0.03778602	0.03785629	0.0379346	0.03807376	0.03655171	0.03789385	0.03878017	0.04010268
0.00028538	0.00029015	0.00029503	0.00030051	0.00029416	0.00029745	0.00029691	0.0002995
9.4237E-05	8.7538E-05	9.4417E-05	8.9213E-05	9.5726E-05	8.8025E-05	8.7275E-05	8.8289E-05
0.00183566	0.00171378	0.00189757	0.00170487	0.00167099	0.0014279	0.00143217	0.00132856
1.9209E-06	1.9209E-06	2.8814E-06	2.8814E-06	2.8814E-06	1.0374E-07	7.0122E-05	0.00020677
0.00134604	0.00153524	0.00134287	0.00171779	0.00167411	0.00165909	0.00159748	0.000871
0.00150834	0.00154262	0.0015769	0.00161118	0.00167974	0.00171402	0.00173624	0.00177213
0.00882581	0.00677358	0.00426202	0.00383811	0.0046815	0.00373023	0.00959946	0.00606298
1.3631E-05	1.395E-05	1.4358E-05	1.7253E-05	1.632E-05	1.6388E-05	1.6136E-05	1.5913E-05
0.01384214	0.01454458	0.01509566	0.01573195	0.01621837	0.01671584	0.01661863	0.01681434
0.02118529	0.02176805	0.02228226	0.02283075	0.02337923	0.02392772	0.02451049	0.02595026
0.15945715	0.16657985	0.1718337	0.16167849	0.16092564	0.119122	0.10200707	0.06213703
1.1309E-06	1.1643E-06	1.0141E-06	4.5457E-05	9.4224E-07	9.3737E-07	8.6749E-07	8.7186E-07
0.01414191	0.02077364	0.01946405	0.0176173	0.01659173	0.0158918	0.01521395	0.01394878
0.00072581	0.0015235	0.00130372	0.00094664	0.00087829	0.00071082	0.00070255	0.00060647
8.5971E-06	8.5667E-06	8.7122E-06	8.7616E-06	8.7697E-06	8.6903E-06	8.7805E-06	8.739E-06
0.00565642	0.00694829	0.00723489	0.00669991	0.00635836	0.00537415	0.00556074	0.00578675
0.01037245	0.01258139	0.0122103	0.01232235	0.01148881	0.01059952	0.01004433	0.01032124
0.00367051	0.00375258	0.0041081	0.00444718	0.00532885	0.01018675	0.0119068	0.00592429
0.00865545	0.0095572	0.00934133	0.00963892	0.00967598	0.00911428	0.00889298	0.00920521
0.04641027	0.04784286	0.0493321	0.05082456	0.05239822	0.05387626	0.05539251	0.05695378
0.04271338	0.04566149	0.04884957	0.05227761	0.05594561	0.06170472	0.06351397	0.06784828
0.01912054	0.02081923	0.0212575	0.01532712	0.01545134	0.0118653	0.01084613	0.01093668
0.00032463	0.00042794	0.00050031	0.00054159	0.00053207	0.00063942	0.00019805	0.00058693
0.87963421	0.84793255	0.88028772	0.84508929	0.83396275	0.81166353	0.5455621	0.615574
0.01208676	0.01485999	0.01235507	0.01077861	0.00934462	0.00856202	0.00772546	0.01335261
3.8656E-05	3.8364E-05	3.8253E-05	4.4785E-05	4.1025E-05	4.0749E-05	3.9854E-05	3.8782E-05
0.07338101	0.11394525	0.11611328	0.12914927	0.12091586	0.11555913	0.09234316	0.09645062
7.1349E-06	7.1866E-06	7.3363E-06	8.8101E-06	8.272E-06	8.3048E-06	8.339E-06	8.2201E-06
0.01480708	0.01754425	0.01855221	0.0184276	0.01124114	0.01147075	0.01346119	0.01658179
1.7976E-05	1.8454E-05	1.9318E-05	1.9938E-05	2.0578E-05	2.1022E-05	2.1795E-05	2.2368E-05
1.5869E-05	1.6219E-05	1.6908E-05	1.7351E-05	1.7816E-05	1.8136E-05	1.8776E-05	1.9177E-05
0.01343887	0.01278391	0.01385414	0.01382935	0.00775584	0.00504998	0.0060125	0.00723452
0.24740565	0.25418599	0.2349145	0.23323023	0.23622061	0.23702232	0.25662697	0.24743163
0.0385416	0.03948608	0.04046556	0.04144632	0.04238697	0.04332891	0.0442829	0.04522374
0.00055513	0.00059997	0.00061118	0.00062239	0.0006336	0.0006336	0.00065619	0.00067876
5.8938E-05	7.5946E-05	5.8946E-05	6.4538E-05	6.8157E-05	6.8163E-05	0.00010423	9.0011E-05
0.01353318	0.01032861	0.01001128	0.01107167	0.00835946	0.00801202	0.01046337	0.00852382
0.00801481	0.00766824	0.00773115	0.00751095	0.00747451	0.00838296	0.00714484	0.00760004
2.2975E-06	2.3291E-06	2.5007E-06	2.4968E-06	2.5065E-06	2.5484E-06	2.5902E-06	2.5153E-06
0.00364068	0.00223822	0.00200084	0.00274344	0.00245338	0.00189523	0.00330632	0.00482125
0.00111857	0.00111857	0.00111217	0.00109939	0.00110578	0.001093	0.00107415	0.00105096
0.04385716	0.06046982	0.06813505	0.06956892	0.07018627	0.07364362	0.07157626	0.06070509
0.07342216	0.06878182	0.06430089	0.07130194	0.06531357	0.06823682	0.07697616	0.08618917
0.00028205	0.00031444	0.00031077	0.00042339	0.00020141	0.00029668	0.000318	0.00028499
1.5869E-05	2.2924E-05	2.6339E-05	2.9568E-05	3.1762E-05	2.9202E-05	4.0998E-05	3.7226E-05
0.24796495	0.25195053	0.26928848	0.25561705	0.26556379	0.26785161	0.25848597	0.24762043
0.07873317	0.07981925	0.07739521	0.07620309	0.07539738	0.08164826	0.08091622	0.07764501

0.00122663	0.00139757	0.00143429	0.00143808	0.00143796	0.00201797	0.00133129	0.00126572
0.00153826	0.00162172	0.00154569	0.00143034	0.0014418	0.00137408	0.00136655	0.00138635
0.0577478	0.05527817	0.06335459	0.06424868	0.06264883	0.06485308	0.06084351	0.06281438
0.0004674	0.00045462	0.00109004	0.00179434	0.00167621	0.0019019	0.00173058	0.00108755
0.00276977	0.00297725	0.00306055	0.00297253	0.0032354	0.00292629	0.00318014	0.00335755
0.01418953	0.01672877	0.01742599	0.01551799	0.02508544	0.03145635	0.04049342	0.03431354
0.01487349	0.01460641	0.01707904	0.01619447	0.01844595	0.01834866	0.01906328	0.0203434
0.00037177	0.00049765	0.00082154	0.00105288	0.00098615	0.00100084	0.00101368	0.00104806
0.00074693	0.00077747	0.00041435	0.0004196	0.00040905	0.00047814	0.00073419	0.00064952
0.00181151	0.00163541	0.0028896	0.00336582	0.00353142	0.00317401	0.00369704	0.00419369
0.00729937	0.00986803	0.0114257	0.01296402	0.01181554	0.01217184	0.01321435	0.01325088
0.00443226	0.00439176	0.001898	0.0018792	0.0018208	0.00233029	0.00339244	0.00282284
1.1453E-05	1.7983E-05	2.0092E-05	2.8743E-05	2.5151E-05	2.8896E-05	4.2209E-05	3.9379E-05
0.04409949	0.04654606	0.04405837	0.04380709	0.04201946	0.04525533	0.04892427	0.04829996
2.07024008	2.11988255	2.08977577	2.03290229	1.98815949	2.09363786	2.10195576	1.87540616
0.00043391	0.00041497	0.00030273	0.00028533	0.00026039	0.00026774	0.000413	0.0004331
0.00090391	0.00104014	0.0008308	0.00071343	0.00086744	0.00069583	0.00091036	0.00080195
0.0046303	0.00441974	0.00326548	0.00382475	0.0038379	0.00307956	0.00372172	0.00381908
0.00147779	0.00175239	0.00200525	0.0020772	0.00177633	0.00159802	0.00163807	0.00178635
0.00031074	0.00032324	0.00028378	0.0002776	0.00029712	0.00027628	0.00028314	0.00028717
0.36725371	0.361279	0.37582685	0.38542221	0.36511968	0.3482579	0.3756312	0.37813328
0.02520672	0.02570422	0.02661754	0.0255555	0.02528833	0.02669336	0.02618782	0.02489939
0.09940698	0.09736716	0.11795542	0.13397836	0.12497787	0.12476623	0.12064431	0.13041473
9.78712994	9.95209758	9.68440748	9.63794494	9.29953456	8.55593251	7.63926696	6.97313569
0.00116783	0.00155889	0.00159837	0.00167746	0.00187174	0.00150223	0.00191639	0.00181568
0.00328771	0.00321955	0.00331217	0.00331536	0.00301414	0.00295423	0.00286747	0.00291603
0.17557026	0.12284046	0.12720554	0.13157062	0.13600805	0.14256002	0.01672321	0.0177985
8.9485E-05	0.00025815	0.00021538	0.00015835	0.00157821	0.00151821	0.00157047	0.00157784
2.3532E-05	2.3292E-05	2.744E-05	2.8546E-05	2.4047E-05	2.5832E-05	2.8508E-05	3.0796E-05
0.09484138	0.07511811	0.15749532	0.14428295	0.13982068	0.13617498	0.13986161	0.10286283
8.2654E-05	8.5416E-05	8.835E-05	8.3868E-05	8.874E-05	8.5657E-05	0.00010932	0.00012062
0.00033781	0.00028572	0.00024971	0.00027569	0.00027584	0.00024075	0.00028153	0.00029544
0.02398733	0.02479901	0.02751314	0.02839971	0.0273952	0.02346843	0.02247592	0.02140006
0.05704996	0.06105609	0.05811146	0.06396626	0.07099489	0.05100539	0.0706687	0.08515289
1.4924E-05	1.9331E-05	2.199E-05	2.4508E-05	2.7358E-05	2.4387E-05	4.1561E-05	3.4073E-05
0.00140328	0.00095103	0.00113493	0.00182384	0.00202607	0.00219192	0.00286989	0.00334531
0.04530546	0.04650967	0.04576837	0.04621082	0.0480947	0.04815204	0.04949347	0.04966535
0.27402604	0.26174414	0.26483081	0.26519087	0.27000244	0.27938372	0.27850256	0.27516691
0.00026953	0.00032499	0.00030099	0.00031494	0.00029028	0.00022562	0.00022163	0.00023945
0.00015863	0.00015763	7.4233E-05	7.4069E-05	7.1813E-05	8.7588E-05	0.00012718	0.00010904
0.01503476	0.01215569	0.01090486	0.01047031	0.01096795	0.01095732	0.01319792	0.01376101
0.02010439	0.02198966	0.02226189	0.02241984	0.0197741	0.02239029	0.02423406	0.02291411
0.01077179	0.00895139	0.00895531	0.00871445	0.00940732	0.00924385	0.01006196	0.01016777
0.01751147	0.01837003	0.01890226	0.02262104	0.02216769	0.02041462	0.02160409	0.02134607
0.05191921	0.04327813	0.05261045	0.05212806	0.04897426	0.06362553	0.07718752	0.09021813
4.0815E-05	4.0815E-05	4.77E-05	4.77E-05	4.77E-05	4.77E-05	4.5738E-05	4.7285E-05
8.6233E-05	8.5278E-05	8.1376E-05	8.3636E-05	9.1281E-05	9.2248E-05	8.2477E-05	8.6711E-05
0.11882762	0.10925668	0.10392592	0.09685346	0.1046091	0.12739286	0.13468661	0.13532869
0.00652117	0.00496676	0.00787335	0.00629729	0.00667668	0.00224668	0.00277606	0.00292887
0.00639481	0.0063472	0.00896917	0.01161291	0.0109992	0.013284	0.01231016	0.0142046
0.17131061	0.17306097	0.17733641	0.18596452	0.1886358	0.19996206	0.21005817	0.2223575



0.00247735	0.00228196	0.00270345	0.00339926	0.0034386	0.00231946	0.0028882	0.00254073
1.515E-05	1.5778E-05	8.2734E-06	8.5978E-06	8.7841E-06	1.0724E-05	1.6062E-05	1.4371E-05
0.14587577	0.14249703	0.14329604	0.13577461	0.13775348	0.14517367	0.12962758	0.12600771
0.08849439	0.06380355	0.13284374	0.11943488	0.12065415	0.12109456	0.12011288	0.12073439
0.08450269	0.08561132	0.09476435	0.09551174	0.10612761	0.09338646	0.09256775	0.09774532
0.00141746	0.00174011	0.00585024	0.0054444	0.00532648	0.00493953	0.00539006	0.00580795
0.02076687	0.02491257	0.02658823	0.02154017	0.0217452	0.02143166	0.01361554	0.01406125
0.00264922	0.00266493	0.00244402	0.00243953	0.00253304	0.00238605	0.00244355	0.00247341
0.00016354	0.00016354	0.00016354	0.00016354	0.00016354	0.00016354	0.00016354	0.00016354
0.00024971	0.00024362	0.00022452	0.00024129	0.00024643	0.00021526	0.00023231	0.00024093
0.00042509	0.00044483	0.00042806	0.00042482	0.00043035	0.00039976	0.00038728	0.00039191
0.00085164	0.00088113	0.00090136	0.00091238	0.00082211	0.00091659	0.00077211	0.00072056
0.02204551	0.01918733	0.0152095	0.01773294	0.02190797	0.01802127	0.01537556	0.01595396
1.9073E-05	2.1825E-05	2.5089E-05	2.2951E-05	2.41E-05	2.3149E-05	3.0694E-05	2.8707E-05
0.00041652	8.1996E-05	8.1853E-05	4.7748E-05	4.0927E-05	4.7748E-05	5.5374E-05	6.4917E-05
0.02631565	0.00300824	0.00305336	0.00322761	0.00353771	0.00363459	0.00340455	0.00338131
0.00089586	0.00092705	0.00095938	0.00099289	0.00102763	0.00104731	0.00106739	0.00108788
0.01338093	0.01108582	0.00934688	0.00867447	0.00916624	0.00904185	0.00907814	0.00664982
0.00374819	0.00362315	0.00375378	0.00372644	0.00434549	0.00468562	0.00531188	0.00506336
0.02328038	0.02381247	0.02186096	0.02100658	0.01623884	0.01775803	0.02106419	0.00855403
0.00670099	0.00665737	0.00630482	0.00588122	0.00519676	0.00455062	0.00541451	0.0057629
0.00527964	0.0048343	0.00508086	0.00547947	0.00538161	0.00545522	0.00552051	0.00560264
0.01228065	0.00997261	0.01125161	0.01268543	0.01435629	0.01539241	0.01890003	0.02114361
0.7014188	0.62463056	0.48526739	0.53231203	0.57391209	0.54831084	0.55173731	0.62004948
3.23580486	3.23842066	3.573083	3.77565226	3.92356283	4.02900265	4.32023936	4.60517911
0.01144946	0.01140964	0.0122194	0.01405319	0.01424783	0.01400805	0.0154882	0.01586672
0.06678741	0.0687225	0.06726621	0.07001195	0.06150544	0.06408862	0.06846703	0.0683413
0.01563491	0.02038741	0.01860929	0.01406834	0.01307028	0.01484628	0.01605505	0.01938861
0.00170044	0.00175215	0.00232738	0.00218284	0.00225341	0.00028375	0.00027387	0.000212
0.00133066	0.00216216	0.0045307	0.00396773	0.00508772	0.00591801	0.00806162	0.00672256
0.08905389	0.08610677	0.07269224	0.06624155	0.06668037	0.06653986	0.05841403	0.06219922
0.00747587	0.0069669	0.00844807	0.00916246	0.00818408	0.00736744	0.00595815	0.0077242
0.00439829	0.00634661	0.00543973	0.00768675	0.0049369	0.00590169	0.00443069	0.00480151
0.55071069	0.53467102	0.54808966	0.52216482	0.51394218	0.49782598	0.50845205	0.50616038
0.2294678	0.21650373	0.22819343	0.14972845	0.11045641	0.10609637	0.10018688	0.09423239
0.02297816	0.02057863	0.02373237	0.02661679	0.0273419	0.02839666	0.02713922	0.02495744
0.00142162	0.00503886	0.00198442	0.00414942	0.00521125	0.00249819	0.00250317	0.00350817
0.03119408	0.03339444	0.03565621	0.03790436	0.04034573	0.04368273	0.04724841	0.05050544
1.6762E-05	1.5587E-05	1.7537E-05	1.7618E-05	1.7024E-05	1.8175E-05	2.1398E-05	2.2914E-05
5.8254E-06	8.0955E-06	9.2537E-06	1.0292E-05	1.1127E-05	1.0349E-05	1.5395E-05	1.3743E-05
0.23511161	0.22545849	0.24598451	0.25284638	0.26988679	0.26331809	0.26671755	0.25306559
0.00990877	0.01050546	0.01040259	0.00931738	0.00973488	0.00953226	0.00948951	0.00954089
0.00685811	0.00607588	0.00883385	0.00863314	0.00979587	0.00599772	0.00600171	0.00623056
0.00377289	0.00370897	0.00315254	0.0038432	0.0038542	0.00365532	0.00380872	0.00377029
0.0011627	0.00126122	0.00119465	0.00127078	0.00129915	0.00125326	0.00125183	0.00133297
0.00203395	0.00322419	0.00578529	0.00598597	0.00366899	0.003593	0.00353908	0.00374317
0.00021343	0.00021449	0.00010653	0.00010692	0.00010403	0.00012304	0.00018023	0.00015124
0.07258897	0.07397863	0.07467278	0.0787816	0.08195181	0.08139236	0.08456859	0.08890459
0.00044342	0.00046389	0.0004342	0.00043787	0.00043136	0.00040058	0.00043396	0.0004369
0.00574228	0.00641083	0.00657493	0.00615965	0.00594962	0.00608336	0.00630164	0.00693731
0.00311915	0.00296178	0.00298799	0.00309782	0.00287867	0.00284672	0.0028141	0.00251212

0.01531741	0.01702166	0.01710733	0.01956239	0.01913867	0.01700094	0.01750845	0.02079816
0.00042187	0.00037406	0.0004392	0.00047128	0.00062476	0.00063899	0.00067357	0.00062126
0.01968267	0.01988612	0.01958434	0.01754093	0.0172302	0.01623372	0.01845885	0.01838954
0.00108321	0.00113536	0.00130051	0.00096498	0.00106312	0.00078765	0.00098849	0.00113928
0.00965887	0.01065944	0.01132778	0.01201693	0.01191835	0.01284649	0.01325189	0.01304002
0.00030067	0.00035403	0.00043723	0.00057571	0.00039184	0.00043198	0.00046408	0.00056915
0.16724469	0.13440854	0.16755202	0.12118393	0.14676485	0.12076453	0.18239081	0.16651478
0.00430549	0.00406093	0.00359723	0.00320115	0.00300886	0.00318978	0.00263138	0.00297804
0.00140514	0.00146189	0.00140936	0.0014682	0.00165002	0.00168706	0.00192703	0.00207476
2.2524E-05	4.8459E-05	0.00010413	0.00011856	0.00011732	0.0001121	9.7908E-05	7.445E-05
0.02126094	0.02536531	0.0264297	0.03017065	0.03229473	0.02923379	0.03842423	0.03944367
0.005952	0.00745995	0.00643346	0.00535754	0.00384133	0.00403604	0.00453868	0.00514461
0.01476314	0.01486174	0.01502424	0.01535538	0.01607452	0.01611567	0.01471372	0.01478459
0.00094982	0.00100853	0.00084691	0.00099073	0.00099335	0.00080844	0.00122138	0.00133444
0.00012958	0.00012958	0.00012958	0.00012958	0.00012958	0.00012958	0.00012958	0.00012958
0.00362566	0.00326942	0.00315229	0.00288896	0.00315626	0.00265936	0.00240476	0.00217357
0.01472339	0.01491831	0.01181304	0.01241841	0.0113752	0.01089351	0.011977	0.01142073
0.0580302	0.06456372	0.05679434	0.05582899	0.05508438	0.05187623	0.05512876	0.05579874
0.00091598	0.00148547	0.00182176	0.00192697	0.00201204	0.00201204	0.00199015	0.00201107
0.00520538	0.00455991	0.00452394	0.00579482	0.00530457	0.00546636	0.00566649	0.00939262
0.00043668	0.00066947	0.00053553	0.00059798	0.00043275	0.00030194	0.00035945	0.00030932
0.3137287	0.35237162	0.34062842	0.2100127	0.21267046	0.21468034	0.21176295	0.21696612
0.0040633	0.00425389	0.0042689	0.0044167	0.00446633	0.00439149	0.00435585	0.00415409
0.01882949	0.02007879	0.01845213	0.02074144	0.02116369	0.0230846	0.0237183	0.02248581
0.03835104	0.03219211	0.03335618	0.02721951	0.02776645	0.02692513	0.02772005	0.02862429
0.01577934	0.04326278	0.04683091	0.04986216	0.04810441	0.05146441	0.05412013	0.05780265
0.03089915	0.0315769	0.03197632	0.03239048	0.03351168	0.03369168	0.03287702	0.03326874
0.00617356	0.00644297	0.00608642	0.00796196	0.00802678	0.01075338	0.0103499	0.01006324
0.28227233	0.28373705	0.29474941	0.31364385	0.32820533	0.3485183	0.38062719	0.40437776
0.00951068	0.01038002	0.01047076	0.00997514	0.00915378	0.00869578	0.00932377	0.00729312
0.03775173	0.03792419	0.03595994	0.03410113	0.03757247	0.03443143	0.02973563	0.03902699
0.09442176	0.09238051	0.10101348	0.1051396	0.10662183	0.11543694	0.12216918	0.11260025
0.00017089	0.00014108	0.00014175	0.00016829	0.00015909	0.00015231	0.00015922	0.00016382
0.00611098	0.00583342	0.00455489	0.00516838	0.0053669	0.00467776	0.00514082	0.00499078
0.13059543	0.12820689	0.13906866	0.14216784	0.14116108	0.15278878	0.16695412	0.17089229
0.00089118	0.00034583	0.00062024	0.00033798	0.00063632	0.00054703	0.0001947	0.00018077
0.11181384	0.10740037	0.07031061	0.08105665	0.05085522	0.05123534	0.14944621	0.12859654
0.08006312	0.0585533	0.06193295	0.05797481	0.05623699	0.05970049	0.05981715	0.05893137
0.04909025	0.05008225	0.04800391	0.04984975	0.0507284	0.06262759	0.06123168	0.0624255
0.00024448	0.00022241	0.00026496	0.00025612	0.00024424	0.00024854	0.00025132	0.00027838
0.00517772	0.01263892	0.01009994	0.01240008	0.01018595	0.01174647	0.01304476	0.01309273
0.0008533	0.00085329	0.00085327	0.00085325	0.00085324	0.0008532	0.00085317	0.00085313
0.02603428	0.02829254	0.02776552	0.02784629	0.02869429	0.03021542	0.03030056	0.03166788
0.12497897	0.34425471	0.3365966	0.38794263	0.41652427	0.44511861	0.44569438	0.48584062
0.00265784	0.00273818	0.00266557	0.00289363	0.00285854	0.00305772	0.00437764	0.00499897
0.13843964	0.1146363	0.12117799	0.13652033	0.13991626	0.13490217	0.13306156	0.12105047
0.01907758	0.01527529	0.01765278	0.01465171	0.01602825	0.01728899	0.01833658	0.01792065
0.04832878	0.04601125	0.04517417	0.04526014	0.04532985	0.04572421	0.04558325	0.04498971
0.00595181	0.00610929	0.00628588	0.00668141	0.00708374	0.00773164	0.004807	0.00535566
0.01027562	0.01094135	0.0134332	0.01345303	0.01347836	0.01250289	0.01989648	0.01143327
1.7544E-07	1.8377E-07	2.2424E-07	2.2385E-07	2.2562E-07	2.3698E-07	2.4834E-07	2.6112E-07

0.00019949	0.0001905	0.00017521	0.00018144	0.0001675	0.00014573	0.00015978	0.00016356
0.00104561	0.00111462	0.00111163	0.0011243	0.00104374	0.00096522	0.00098183	0.00099016
0.00994006	0.0083829	0.00239886	0.00177703	0.00161683	0.00213577	0.00233616	0.00237864
0.00224804	0.00233061	0.00224167	0.00217188	0.00221056	0.00211495	0.00209032	0.00213696
1.4428E-05	1.5031E-05	8.8378E-06	9.2912E-06	9.2544E-06	1.0263E-05	1.4982E-05	1.3387E-05
5.8795E-05	5.912E-05	5.3792E-05	5.5164E-05	5.79E-05	5.0849E-05	5.5728E-05	5.7142E-05
0.00040884	0.00037341	0.00034665	0.00036942	0.00035618	0.00042495	0.00038496	0.00035232
0.02652937	0.0232392	0.02514498	0.02881936	0.0333952	0.03086295	0.03148972	0.03413308
0.00554419	0.00498882	0.00550399	0.00681547	0.00647429	0.00640731	0.00678785	0.00686691
0.22263714	0.21967721	0.22582282	0.22129774	0.23028726	0.22987427	0.22513809	0.22423662
0.0198307	0.01876828	0.01920155	0.01782591	0.01867781	0.01667133	0.01852059	0.01946576
0.00028372	0.00031185	0.00024994	0.00030516	0.00031876	0.00029347	0.00034098	0.00031791
0.01201602	0.00930497	0.00579564	0.0053859	0.0047896	0.00435084	0.0046111	0.00588836
2.5327E-05	2.7269E-05	1.6672E-05	1.7997E-05	1.8501E-05	2.0643E-05	3.1514E-05	2.7513E-05
0.00145443	0.00167771	0.00161608	0.00164029	0.00168308	0.00158214	0.00178751	0.00187102
0.00068569	0.00057912	0.00083019	0.00087589	0.00030496	0.0005617	0.00033988	0.00060834
0.47709897	0.56155545	0.5387624	0.55126342	0.56091285	0.56840713	0.5858297	0.63220713
	0.00020988	0.00014628	0.00010812	0.00012084	0.00292702	0.00475558	0.00503625
0.00085209	0.00079234	0.00048551	0.0003095	0.0003095	0.0003095	0.0003095	0.0003095
0.00015683	0.00015592	0.00018027	0.00020377	0.00018745	0.00017197	0.00018407	0.00018954
3.1968E-05	2.9669E-05	3.2724E-05	3.5338E-05	3.3732E-05	3.6074E-05	4.5E-05	4.2463E-05
0.00239088	0.00236499	0.00242741	0.00240557	0.00222109	0.00171718	0.00182516	0.00152172
0.00528662	0.00584415	0.00595773	0.00693241	0.00684828	0.00663909	0.00641171	0.00579757
0.12959978	0.13107819	0.10617883	0.10708479	0.11184473	0.12148541	0.14870992	0.18507622
0.12720502	0.12007306	0.12230702	0.1176454	0.11490358	0.11375251	0.10615063	0.08738715
0.05773224	0.05705015	0.05773174	0.06044151	0.06263269	0.06250211	0.06435484	0.06474805
0.09822921	0.10088728	0.10999182	0.1120534	0.12092354	0.11405484	0.12100626	0.13490569
0.090704	0.09078147	0.0911237	0.11023453	0.07072163	0.06028346	0.05307509	0.064174
0.04200744	0.04239544	0.04486243	0.05492075	0.06719375	0.07062618	0.0733228	0.0726996
1.99099128	1.96293081	1.9726883	1.97651915	1.93688558	1.92884637	1.93125955	2.12788106
0.00983182	0.00838834	0.00760962	0.00677646	0.00582684	0.00613338	0.00683159	0.00760848
0.00015734	0.00015761	7.4605E-05	7.4454E-05	7.1707E-05	8.6384E-05	0.00012835	0.00010839
0.07141423	0.07638675	0.07330649	0.067791	0.04697905	0.04036935	0.03881034	0.03642878
3.3268E-05	3.5032E-05	2.0034E-05	2.0854E-05	2.0927E-05	2.4018E-05	3.5045E-05	3.2811E-05
0.29296873	0.29915588	0.32191694	0.34927268	0.28970816	0.30424824	0.32276916	0.42259176
0.00011952	0.00010644	8.9314E-05	0.00010357	9.7862E-05	8.5879E-05	9.9446E-05	0.00011289
0.00012461	0.00011857	0.00011176	0.00011884	0.00012491	0.00012157	0.0001299	0.00013093
0.00643338	0.00571462	0.00821163	0.00814967	0.00327319	0.00249272	0.00233766	0.00329167
0.204591	0.20990008	0.24465803	0.2452114	0.2099255	0.21302628	0.21144484	0.25259024
0.04022004	0.04307746	0.04417759	0.04663521	0.04774365	0.04877986	0.05005143	0.0508806
0.01099914	0.01240513	0.00927718	0.00949673	0.00977219	0.01022978	0.01046763	0.01133187
0.00030593	0.00037923	0.00042027	0.0004403	0.00045784	0.00047438	0.00044497	0.00045621
0.00603217	0.00521348	0.00500054	0.00524734	0.00571372	0.00600739	0.00667624	0.00582325
0.00460783	0.0051572	0.00806914	0.01155013	0.01240465	0.00834823	0.00805552	0.00714733
1.6987E-06	1.6987E-06	1.8239E-06	1.8209E-06	1.8281E-06	1.9028E-06	1.9775E-06	1.9204E-06
5.7722E-05							
0.00161805	0.00164496	0.00145556	0.00139009	0.00105983	0.00118737	0.00101899	0.00089382
0.03087081	0.0319845	0.03208526	0.03366727	0.03588365	0.03595716	0.03662025	0.03447444
0.0723371	0.07448316	0.07106881	0.06841064	0.0755381	0.07620379	0.06969773	0.05702388
0.00044659	0.00067627	0.00062415	0.00053418	0.0006008	0.00055405	0.00058522	0.00070097
0.00023582	0.00024593	0.00027728	0.00028944	0.00029738	0.00032098	0.00027232	0.00029426

0.82660724	0.89206147	0.863577	0.81923799	0.8578697	0.88475994	0.88906845	0.86821884
0.1163806	0.11976038	0.11698393	0.10858113	0.11094894	0.10737098	0.10773739	0.10587564
0.0047025	0.00574625	0.007712	0.00854568	0.00972962	0.00987521	0.00927986	0.00896237
0.00045583	0.00042238	0.00046445	0.00046722	0.00045367	0.00046771	0.00048656	0.00056328
0.09542774	0.10264177	0.09304768	0.08335926	0.09325068	0.07919951	0.07935357	0.07606332
0.00018589	8.9008E-05	0.00016136	0.00041326	0.00036704	0.00039324	0.00030261	0.00028916
0.00132	0.00145288	0.00180562	0.00174063	0.00214269	0.00202103	0.00216337	0.0023785
0.02078684	0.02514113	0.02870133	0.03176484	0.03468988	0.03888121	0.04214487	0.04841842
0.15500971	0.13629103	0.12474514	0.12912804	0.12259993	0.10582169	0.10404555	0.10611912
0.00867365	0.00888288	0.00931827	0.00972462	0.00967707	0.00949426	0.00963718	0.00963124
0.00111036	0.00127416	0.00154594	0.00156176	0.00158165	0.00163482	0.00172803	0.00201527
0.06002917	0.05546332	0.05474578	0.0445644	0.04439112	0.42619716	0.43690883	0.43375675
0.04563263	0.04773206	0.04711322	0.0477156	0.04746865	0.04840431	0.04984977	0.05304474
0.00080249	0.00084028	0.0015619	0.00154867	0.00178187	0.00151467	0.00156171	0.00187855
0.0001738	0.0001967	0.00021558	0.00028864	0.00024147	0.00032572	0.00028767	0.00031924
0.00492789	0.00487851	0.00659092	0.00674519	0.00967664	0.00834339	0.00672391	0.00744705
0.474339	0.58770635	0.71349127	0.76096925	0.76633902	0.75704629	0.68485229	0.66886226
0.00063205	0.00059624	0.0007031	0.00063371	0.00068008	0.0007179	0.00060081	0.00067598
0.00132164	0.00140247	0.00134325	0.00139094	0.00118316	0.00128018	0.00131653	0.0015262
0.00065532	0.0007176	0.0008697	0.00096461	0.00100183	0.00116394	0.00146761	0.00201177
0.00412345	0.03238093	0.18302017	0.49627019	0.50358112	0.49210789	0.58194156	0.65080072
0.00015731	0.00015451	0.00012775	0.00013901	0.000171	0.00017758	0.00017426	0.00018019
0.3885543	0.36801661	0.36605983	0.34697414	0.33418528	0.3624401	0.35523716	0.30662192
0.04932351	0.05161488	0.05203335	0.05279234	0.05223426	0.05449248	0.05654387	0.05652845
0.3638242	0.68023269	0.78386587	0.65717351	0.72220764	0.70666556	0.72264583	0.69799272
34.2629549	35.1468552	36.6488707	37.5522474	37.1665968	37.9370476	41.3176704	45.0378824
0.00273539	0.00335347	0.00326372	0.00362315	0.00401274	0.00367799	0.00389585	0.00666792
0.00236867	0.00216212	0.00257437	0.00290932	0.00292189	0.00303046	0.00316069	0.00340053
3.5568E-05	0.00277772	0.00287418	0.00295983	0.00321659	0.00332819	0.00320773	0.0043895
0.00015741	0.00019779	0.0001964	0.00020971	0.00101863	0.00095945	0.0008342	0.0009477
4.4385E-05	4.6211E-05	5.3032E-05	6.3848E-05	5.5153E-05	5.9091E-05	6.092E-05	6.4595E-05
0.03584334	0.03955471	0.04081184	0.05789746	0.06374651	0.063676	0.04086962	0.04910967
7.4391E-05	7.5607E-05	9.5981E-05	8.7665E-05	9.5613E-05	0.00010934	0.00013059	0.00014439
0.00041885	0.00035614	0.00037423	0.00040152	0.00040916	0.00042444	0.00042146	0.00043199
0.00237721	0.00249598	0.00308221	0.0029002	0.00148843	0.00267237	0.00246776	0.00259254
0.035464	0.03690262	0.03726108	0.04029795	0.04204466	0.0398327	0.03923574	0.04228438
0.00022649	0.00021145	0.00023605	0.00024611	0.00026268	0.0002749	0.00028326	0.00027623
0.00512445	0.00515127	0.0042987	0.00425245	0.0043497	0.00485104	0.0051114	0.00514457
2.0514002	1.96412424	1.94960645	2.02691715	2.05658145	1.93992579	1.8879681	1.84345699
2.80218714	2.85414876	2.93205049	2.82916317	2.7620592	2.51597805	2.36185245	2.28198773
0.00030885	0.00038513	0.00042821	0.00043625	0.00040367	0.0003616	0.00029852	0.0003183
9.6733E-05	9.8354E-05	0.00014403	0.00014943	0.00016566	0.00015387	0.00014398	0.00017109
0.14614771	0.13900417	0.15013094	0.1400983	0.13067253	0.14250804	0.14986729	0.1478874
0.01974888	0.01998799	0.01923103	0.02157446	0.02271583	0.02327882	0.02303978	0.02570907
0.01488905	0.01638786	0.01601355	0.01726206	0.01950318	0.01916471	0.01898234	0.01937042
0.01303004	0.01335538	0.01498611	0.01668543	0.01708432	0.01545222	0.01150964	0.0122351
0.04542465	0.05479401	0.05937015	0.06598258	0.0789817	0.07130721	0.0665063	0.04862173
0.00046024	0.00052712	0.00047598	0.00049565	0.00048778	0.00049467	0.00049014	0.0005915
9.8635E-05	8.7253E-05	8.1999E-05	8.1723E-05	7.9635E-05	8.5315E-05	7.6278E-05	8.0194E-05
0.27905936	0.32746086	0.27167915	0.28541947	0.32410195	0.2607131	0.30882554	0.27349613
0.0336844	0.03315752	0.03694606	0.03521803	0.03250874	0.04137753	0.04421817	0.04661763

0.00010381	4.9004E-05	2.0654E-05	1.404E-05	6.8847E-06	6.8847E-06	7.587E-06	8.1722E-06
1.18028523	0.99190682	0.91086754	0.93588935	0.88311046	0.90291567	0.86959318	0.98483632
0.00055089	0.00053348	0.00065932	0.00084779	0.00083921	0.00083213	0.00088624	0.00097587
1.7872E-05	1.866E-05	2.4683E-05	2.5441E-05	2.7975E-05	2.8297E-05	2.597E-05	3.0483E-05
0.28843769	0.33459994	0.37065058	0.30033381	0.31760735	0.27088549	0.28437923	0.26291284
0.00099059	0.00101403	0.00106326	0.00103731	0.00108409	0.00112012	0.00183592	0.00179758
0.52878068	0.65435643	0.61953379	0.55538184	0.5215839	0.3868775	0.3749551	0.3910894
0.0005278	0.00053872	0.00045992	0.00052381	0.00059569	0.00064604	0.00072198	0.00059347
0.00255794	0.00525603	0.00661459	0.0048543	0.0029669	0.00658859	0.00607483	0.00586902
0.00026712	0.00027348	0.00029256	0.00030528	0.00034344	0.00032436	0.00032509	0.00032726
0.00151034	0.00142547	0.00139647	0.00148039	0.00161037	0.00168791	0.00158369	0.00160398
0.00123074	0.00123074	0.00123074	0.00123074	0.00123074	0.00123074	0.00123074	0.00123074
0.0002399	0.00022757	0.00024513	0.0002692	0.00028017	0.00027924	0.00026528	0.00027204
0.00022759	0.00022342	0.00024349	0.00025819	0.00026357	0.00026893	0.00022122	0.00022414
0.00013159	0.00022222	0.00021316	0.00021316	0.00024941	0.0002766	0.00026753	0.00027209
0.13026688	0.13012788	0.11407934	0.10630511	0.09283936	0.08061184	0.08166211	0.08043541
0.00010433	0.0001053	0.0001337	0.00011672	0.00012264	0.00013326	0.00012902	0.00013383
0.00041709	0.00045042	0.00044811	0.00039193	0.00049706	0.00044553	0.00038673	0.00040513
0.05339699	0.06614679	0.06696609	0.07137907	0.38517596	0.44947057	0.37334084	0.42899329
0.0015091	0.00155002	0.00159244	0.00163641	0.00168198	0.0017078	0.00173415	0.00176104
0.00178156	0.00190609	0.0021116	0.00203694	0.00220042	0.00212714	0.00207975	0.0021051
0.11769597	0.11684033	0.12307266	0.12877419	0.10838289	0.10924608	0.10258844	0.10485396
0.01551822	0.01595027	0.01741783	0.01615175	0.02168419	0.02678623	0.02428805	0.0226829
0.01105036	0.01016917	0.01080799	0.010352	0.01121698	0.01370891	0.01048973	0.01282092
0.00170971	0.00182966	0.00190541	0.00196047	0.00196735	0.00208044	0.00192794	0.00177964
0.05660799	0.0521026	0.05279986	0.05522651	0.05637297	0.05575091	0.05317845	0.0525954
0.45670805	0.44452832	0.45833804	0.53052965	0.55313329	0.667705	0.73497598	1.49718375
12.6001869	16.0093963	17.1094347	18.468922	18.2078282	17.9956395	17.7896333	18.8824254
0.396537	0.46340549	0.4208535	0.45454642	0.46015787	0.43668047	0.40908875	0.39465435
0.13401727	0.13612604	0.16059736	0.13517572	0.11490865	0.10765717	0.10619033	0.10960223
0.05465124	0.06031201	0.08006471	0.08363192	0.08143324	0.08769445	0.0913524	0.08688454
3.5936E-05	3.2443E-05	1.6862E-05	1.3547E-05	1.3547E-05	1.3547E-05	4.4828E-06	3.9316E-06
0.13379386	0.15732647	0.11846764	0.10816934	0.10618326	0.09253473	0.08627198	0.08035378
0.55773235	0.58039824	0.5676316	0.55933551	0.5559044	0.50277542	0.48387139	0.45013632
0.00599601	0.00565709	0.00553284	0.00548088	0.00554345	0.00551683	0.00505809	0.00485048
0.0137409	0.01708711	0.01686055	0.02108251	0.01377719	0.00717647	0.00795149	0.00586822
2.45637696	2.64804269	2.8273455	2.73539102	2.71744925	2.6782343	2.73442138	2.64674005
0.29713028	0.3115589	0.32979323	0.33384355	0.28066024	0.30854115	0.34054403	0.35892548
0.00860153	0.00734275	0.0075131	0.00766238	0.00559148	0.00575436	0.00704085	0.00522575
0.00609694	0.00645237	0.00579763	0.00775768	0.00947147	0.00605092	0.00485	0.00504113
0.00234683	0.0023937	0.00203045	0.09688137	0.11708284	0.1633108	0.13888113	0.13165803
2.7122E-05	2.6302E-05	3.0785E-05	3.5033E-05	3.4332E-05	3.7947E-05	4.1768E-05	4.454E-05
8.8404E-05	8.8549E-05	9.9335E-05	0.00010336	0.00010683	0.00011665	0.00010492	0.00011142
2.60848486	2.7029084	2.67393135	2.54310407	2.64297907	3.88876033	4.22651363	4.27976488
0.07131379	0.07033715	0.07074199	0.06831006	0.06631501	0.06532548	0.0629725	0.06078346
		0.000106	0.000106	0.01370389	0.04000185	0.05156979	0.0523153
0.02192079	0.02126666	0.0231273	0.0255607	0.02718684	0.02769982	0.02963832	0.02903356
0.00061742	0.00064419	0.00064631	0.00080017	0.00081089	0.00088838	0.00076564	0.00085194
0.02018954	0.02653846	0.0307244	0.03019812	0.0304358	0.01782934	0.02129921	0.02280408
0.00020966	0.00021325	0.0002866	0.00029308	0.00031049	0.00030123	0.00029516	0.00031388
0.01339364	0.01702289	0.01248894	0.02214251	0.0252515	0.03020233	0.03213406	0.02954524

0.00031917	0.00032838	0.00035362	0.00037123	0.00036468	0.00039082	0.00039553	0.00039374
0.01205067	0.01558078	0.01829473	0.02217006	0.02845793	0.02985505	0.0329121	0.03197918
0.00191021	0.00190715	0.00182101	0.00226834	0.00249041	0.00245226	0.00315651	0.00403645
0.00793364	0.0094338	0.01317848	0.0147274	0.0159402	0.01938346	0.02155908	0.02255854
0.00074537	0.0007028	0.00081142	0.0009953	0.00136976	0.00139375	0.00141212	0.00122945
0.05570137	0.05604986	0.05323835	0.06711239	0.07283086	0.07126467	0.07428491	0.08219558
0.00214144	0.00197905	0.00175392	0.00197731	0.00216658	0.00215785	0.00188027	0.00216797
0.02280263	0.07846572	0.0944787	0.10346298	0.10997954	0.10438503	0.10176162	0.0907371
0.00054368	0.00067846	0.000829	0.00126535	0.00087478	0.0009699	0.00097123	0.0011751
0.24658156	0.27213881	0.26542659	0.28302723	0.27955985	0.29032184	0.29126307	0.28325065
0.0207628	0.01959444	0.01639054	0.01537774	0.01374343	0.01187697	0.01365509	0.01191968
0.00116825	0.00119947	0.0013725	0.00147009	0.00177153	0.00221771	0.00227285	0.00244585
0.0026385	0.00309367	0.00250965	0.00244642	0.00149144	0.0009648	0.00055064	0.00036116
0.00356554	0.00380229	0.00320376	0.0028993	0.00331757	0.00334855	0.01256888	0.01458422
0.35075124	0.40172448	0.4598665	0.50427928	0.50720135	0.51007915	0.55253911	0.58663879
0.00207994	0.00240097	0.00186023	0.00219439	0.00409245	0.00451407	0.00490617	0.00429759
0.00101267	0.00108619	0.0010521	0.00125239	0.00127072	0.00117499	0.00165143	0.00178156
0.00115727	0.00115727	0.00115727	0.00115727	0.00115727	0.00115727	0.00115727	0.00115727
0.01390552	0.01383352	0.01392921	0.01398649	0.0153342	0.01463397	0.0145937	0.01387473
0.00950059	0.00937854	0.00948482	0.00873354	0.00970361	0.00936346	0.00974458	0.01019487
0.24457217	0.25433928	0.25149691	0.24645207	0.27447832	0.29410106	0.32218001	0.34717239
6.4957E-05	0.00031996	0.00026222	2.8892E-05	9.8681E-05	0.00030791	0.00035336	0.00011253
0.00176975	0.03324535	0.03620862	0.04976099	0.0700239	0.09377709	0.08732589	0.1353122
0.00126504	0.00136001	0.00122055	0.00148664	0.00145915	0.00179442	0.00156976	0.00142209
0.00504451	0.00549671	0.00561834	0.00641207	0.00636723	0.00675694	0.00583608	0.00640679
0.01351583	0.01574849	0.01657148	0.01803053	0.01709628	0.01787096	0.01974608	0.01956731
0.19193115	0.20342124	0.19948925	0.2062685	0.24171017	0.23261783	0.21235356	0.19654104
0.01661114	0.0198219	0.02129949	0.02025044	0.02267446	0.02316555	0.02362427	0.02501174
	2.8118E-05	1.4059E-05				2.0352E-07	1.8921E-07
0.02833054	0.03278224	0.02876535	0.02633749	0.02588349	0.02286608	0.02275696	0.02388493
0.007056	0.00790039	0.00792029	0.00851315	0.00896423	0.0088154	0.00919366	0.00940475
0.08740664	0.07225253	0.11745581	0.11408247	0.14064294	0.24075457	0.95824093	1.2321433
0.00952748	0.00960073	0.01005162	0.01028436	0.01005694	0.01002523	0.006876	0.00766138
0.02151672	0.01929508	0.02455443	0.02786796	0.02136999	0.02032005	0.02616416	0.01988575
0.10030007	0.11050744	0.13471502	0.14305178	1.01876236	2.29889571	2.76459264	2.70522656
0.00147083	0.00161435	0.00074989	0.00088621	0.00083592	0.00080026	0.00083661	0.00086077
0.00201862	0.00185449	0.00220038	0.00267236	0.00281753	0.00310271	0.0030737	0.00331796
2.65463401	2.61746454	2.72393339	2.57906927	2.58593712	2.63625333	2.58412838	2.63667435
0.63792824	0.6097611	0.60761406	0.63928648	0.61498174	0.60638782	0.56444979	0.50920297
0.03565791	0.03682269	0.03770153	0.0395765	0.04076759	0.05046763	0.05337308	0.05582951
0.06937618	0.07956911	0.07439068	0.07826979	0.09011442	0.08497906	0.09315788	0.08403967
	5.0225E-06	5.6116E-06	5.6116E-06	5.6116E-06	5.6116E-06	2.6206E-06	2.6991E-06
0.00045443	0.00043443	0.00050752	0.00056652	0.00055341	0.00056338	0.00053149	0.000579
0.0071466	0.00814334	0.00813438	0.00908752	0.00953566	0.00972138	0.01046695	0.01078153
0.00116758	0.00116757	0.00116756	0.00116754	0.00116753	0.00116751	0.00116748	0.00116746
0.12217955	0.10983066	0.08469391	0.08746117	0.09071479	0.08247238	0.08284047	0.07818256
1.59272701	1.6277319	1.54711412	1.38246773	1.42720579	1.67228622	1.62861461	1.85449856
0.00028775	0.0003427	0.00036334	0.00032399	0.00033274	0.00036011	0.0097397	0.00978541
0.27469716	0.31481578	0.31439041	0.33025914	0.34937026	0.3200473	0.29673411	0.26222279
0.14514974	0.13471671	0.14185804	0.1133861	0.1367865	0.13585276	0.13343335	0.12869306
0.00319652	0.00456819	0.00424664	0.0050227	0.00922493	0.01070039	0.01098425	0.01095567

0.00675198	0.00635386	0.00557197	0.00779277	0.00802447	0.04609777	0.04077353	0.05523709
0.04050247	0.04038367	0.13037424	0.19232885	0.20345108	0.21652264	0.2417185	0.23804167
1.0673E-05	1.1177E-05	1.3638E-05	1.3615E-05	1.3722E-05	1.4414E-05	1.5105E-05	1.5892E-05
0.00018148	0.00017942	0.00020633	0.00022139	0.00018718	0.00018336	0.00017962	0.00020073
0.00051504	0.00054857	0.00066695	0.00072683	0.0006187	0.00062292	0.00058462	0.00058816
0.00892792	0.01094522	0.01121174	0.011424	0.01380613	0.01535329	0.0168179	0.01661678
0.00073159	0.00070454	0.00074783	0.00077828	0.00076983	0.0007643	0.00074087	0.00075221
3.458E-05	3.4701E-05	4.2804E-05	4.5911E-05	4.7104E-05	4.892E-05	4.3925E-05	5.0861E-05
6.3676E-05	6.528E-05	7.0446E-05	7.072E-05	7.5212E-05	7.7191E-05	7.3133E-05	7.3521E-05
0.00182827	0.00228732	0.00234969	0.00286975	0.00306781	0.00243711	0.0019501	0.00178643
0.14126533	0.14333967	0.13102511	0.11871585	0.1175031	0.11747512	0.12643796	0.12598685
0.02426423	0.02310611	0.02246957	0.0179827	0.0186785	0.01989513	0.02018953	0.01966302
0.42715216	0.42200286	0.43754858	0.36865542	0.40217075	0.38830581	0.40676737	0.43246437
0.00374206	0.00321448	0.00329884	0.0031518	0.00321891	0.00284401	0.00275706	0.00275706
0.0003725	0.00041839	0.00040692	0.00047635	0.00050654	0.00055808	0.00054288	0.00049248
0.02695454	0.01884334	0.01343701	0.01062883	0.01063151	0.0117671	0.01279796	0.01252151
6.8767E-05	6.9989E-05	8.4812E-05	9.2657E-05	9.782E-05	0.00010373	0.00010113	0.00010915
0.00040676	0.00055594	0.0006103	0.00064463	0.00064586	0.00063162	0.00081786	0.00088181
0.00012569	0.00013278	0.00014677	0.00051985	0.00035157	0.00104331	0.00046003	0.00030473
1.33815352	1.03605773	1.53136375	1.34660262	1.30339159	1.59276736	1.45167742	1.53704892
1.7363E-05	2.2252E-05	0.00026193	0.00075833	0.00113042	0.00207764	0.00381327	0.00586206
0.00814282	0.0080053	0.00722543	0.00678566	0.0074956	0.0074956	0.00749555	0.00749555
0.00012249	0.0001413	0.00024189	0.00031463	0.00028667	0.0002892	0.00028627	0.0003078
5.7097E-05	5.5637E-05	6.1116E-05	7.6109E-05	7.4271E-05	8.0177E-05	9.3656E-05	8.688E-05
0.00296655	0.00296742	0.0029523	0.00292352	0.00287864	0.00268825	0.00249087	0.00237088
0.00368545	0.00396207	0.00408991	0.00452298	0.00485034	0.00411327	0.00420347	0.00429207
1.4627579	1.5480766	1.45391701	1.53679834	1.49734551	2.08315358	2.0766892	2.3047618
0.61178844	0.62862746	0.6288138	0.63273514	0.62267497	0.62670507	0.65127504	0.65360391
0.00303947	0.00380466	0.00471261	0.00394438	0.00498212	0.00283748	0.00298666	0.00266374
0.00265842	0.0021075	0.00221384	0.00326848	0.0046121	0.0047393	0.00274788	0.00403594
0.36579217	0.38958849	0.39286115	0.33735696	0.27996699	0.31666838	0.25724443	0.27438082
0.00955905	0.01317241	0.01089555	0.01118696	0.01428042	0.01387204	0.01390608	0.0143888
13.4098981	11.881477	12.2802804	12.5569067	10.8504068	10.3464095	9.82846545	9.26729672
0.02984674	0.03323213	0.03639983	0.0371804	0.034599	0.08125339	0.08438007	0.08150786
0.00011495	0.00013522	0.00016712	0.00017447	0.00018663	0.00017623	0.00018223	0.00019572
0.03616306	0.04358473	0.04171947	0.04162911	0.04786669	0.04360249	0.04190547	0.04027546
6.9724E-05	7.0804E-05	8.6978E-05	9.0381E-05	9.3833E-05	9.6261E-05	8.388E-05	0.00010952
0.90510864	1.31000168	1.2831062	1.11317005	2.51093412	2.94229802	2.54065053	3.54580621
8.8476E-05	7.2646E-05	8.1008E-05	0.00010493	9.013E-05	9.4491E-05	0.00010287	0.00014066
0.00012968	0.00012867	0.00014553	0.00016832	0.00018316	0.00019966	0.00019325	0.00020069
0.00785717	0.00823611	0.00907862	0.00766694	0.00557039	0.00490694	0.00449106	0.00397467
0.9233574	0.94619639	0.95688686	1.00281402	0.92356384	0.94757626	0.90396801	0.93673186
7.4509E-05	6.8007E-05	6.8007E-05	0.00054914	0.00062186	0.05610607	0.23191542	0.36924949
0.03612516	0.02248391	0.02686523	0.02675664	0.02648667	0.02363323	0.02051104	0.02220939
0.00238669	0.00315251	0.00341543	0.00364959	0.00377472	0.00391428	0.00373771	0.00377911
0.09861737	0.08943576	0.07418728	0.06902903	0.07205571	0.06407574	0.06614748	0.06994649
0.41928443	0.44338396	0.47356434	0.50547817	0.51972118	0.50934954	0.49583491	0.50178833
0.00027902	0.00027801	0.00029492	0.00029277	0.00028478	0.00029285	0.00029775	0.00029551
2.74052652	2.760836	2.8098317	2.89687622	3.06077247	3.1974452	3.36719254	3.51568348
0.04207542	0.03801138	0.03998372	0.04253882	0.04231674	0.04132414	0.04454237	0.04800798
0.03817307	0.03837146	0.03586258	0.03893132	0.03642053	0.03537935	0.03050849	0.02691358

0.94185943	0.98762262	1.04348514	1.04525482	1.02472241	1.07008155	1.04408099	0.96364388
1.03817382	1.03225379	1.05712014	1.02304296	1.04678112	1.03811604	1.01606458	1.02763831
0.02663635	0.02842765	0.02875006	0.03438923	0.03205677	0.02838197	0.0299701	0.03185139
0.00257085	0.00277159	0.00314068	0.00332343	0.00341713	0.00366076	0.00316054	0.00341206
4.55646072	4.59372577	4.70971066	4.97813023	5.16357167	5.1784854	5.16965955	5.17178171
0.61346473	0.60126183	0.57818131	0.59671548	0.59296529	0.5787568	0.58300318	0.5727029
0.12644302	0.13317225	0.1390222	0.13943423	0.13048026	0.12394733	0.1332472	0.14010257
0.0728459	0.06983027	0.0828965	0.07995512	0.07695162	0.07543783	0.07368323	0.07315745
5.2940485	5.17672679	5.23283036	5.14391082	5.08361905	4.96202541	4.9679288	4.97090095
0.10497812	0.10733057	0.11934076	0.12769016	0.13377556	0.15463434	0.15780951	0.16815006
0.15485994	0.1588474	0.16290185	0.15979021	0.16570188	0.16414675	0.16756882	0.17037763
0.55536728	0.58785992	0.59491611	0.6182042	0.66575056	0.71111539	0.76003056	0.79515817
0.3385807	0.26281758	0.24922194	0.25661583	0.2618998	0.25794472	0.25887189	0.25360061
0.10108709	0.10295449	0.1088588	0.11268346	0.11280829	0.11590194	0.11950033	0.12353178
0.01016545	0.01214314	0.01317608	0.01360309	0.01327805	0.01460081	0.01588867	0.01791293
0.0858336	0.08034844	0.0819714	0.07568809	0.07809154	0.0828881	0.08414269	0.09350203
0.886307	0.86843988	0.87920694	0.84738657	0.83991354	0.83467943	0.83822684	0.85033318
0.00700008	0.00715342	0.00525136	0.00504533	0.00548384	0.00609341	0.00729195	0.00638814
0.00192273	0.00224498	0.00247251	0.00336772	0.00281831	0.00377426	0.00339024	0.0037579
0.13682591	0.14905634	0.15381468	0.1608907	0.16181041	0.16959619	0.17839706	0.18411279
6.01386296	5.87108172	5.97220603	6.12025159	5.88046382	5.64802141	5.78019809	5.58232983
0.00602037	0.00588888	0.00654054	0.00600174	0.00632836	0.0067409	0.00598119	0.00665274
0.01660705	0.01720505	0.01549561	0.01538149	0.01479421	0.0146288	0.01463894	0.01583505
0.02932392	0.02994871	0.03285118	0.03408853	0.03428669	0.03430657	0.03540652	0.03765822
0.05997565	0.05888591	0.06538291	0.06677712	0.06726904	0.06580913	0.06759526	0.07110476
0.03031697	0.03026719	0.02916966	0.02919848	0.02915982	0.02925206	0.02889695	0.02872144
3.29691222	3.12675006	3.09404744	3.0672568	3.05398902	3.00625387	3.0090293	3.01232788
0.2129689	0.21926044	0.2189596	0.20968598	0.20467532	0.20544678	0.2032804	0.20109621
1.12879031	1.17549418	1.1912214	1.11249462	1.10945236	1.1292385	1.13070252	1.1335313
38.1694996	38.4506889	38.2780548	37.3325297	36.0641779	35.5406288	35.5186795	36.8113835
0.227432	0.24812499	0.25802211	0.26667889	0.25783488	0.2734879	0.26481545	0.2428975
0.16077709	0.16661687	0.17495356	0.18538116	0.18736215	0.19417575	0.19758093	0.20445826
0.4955606	0.6280906	0.69298386	0.76518503	0.75955362	0.77593401	0.76717614	0.72365942
0.05965678	0.06330004	0.06717542	0.06966532	0.07200118	0.0695504	0.06672125	0.06767725
0.00091247	0.00099342	0.00099468	0.00108125	0.00093888	0.00101037	0.00106376	0.00107019
0.65617276	0.66612006	0.74295482	0.72410366	0.74275516	0.75977683	0.70310036	0.69255751
0.00638307	0.00654676	0.00692816	0.00677601	0.00687663	0.00733539	0.007947	0.00823214
0.01075223	0.00956794	0.00934284	0.00969669	0.00973994	0.01055454	0.01092707	0.01092442
0.09135366	0.09075131	0.09622578	0.09678808	0.09086886	0.09318816	0.09263913	0.09306996
0.56925565	0.57190232	0.57121593	0.57040143	0.58648105	0.56108485	0.58077651	0.59394362
0.00244237	0.00235585	0.00264232	0.00280234	0.00299276	0.0031275	0.00327876	0.0031936
0.08143712	0.0798904	0.07698997	0.07643052	0.07744489	0.07970856	0.08193559	0.0822551
1.25204111	1.22551561	1.17196656	1.20045841	1.17283196	1.17283896	1.17991822	1.16714259
5.02188036	4.9509289	4.99571885	4.93410453	4.82408173	4.81782452	4.67101002	4.66859086
0.01284733	0.01491616	0.01524729	0.01430418	0.0134228	0.01308092	0.01194767	0.01290942
0.00084985	0.00086909	0.00088545	0.0009607	0.00101262	0.00107672	0.00097853	0.00104878
0.21198486	0.19826298	0.19491639	0.18496711	0.1842556	0.18311926	0.17994486	0.17471354
0.19031324	0.19474291	0.1908665	0.19058055	0.21039693	0.22308952	0.21173234	0.23164942
1.5608271	1.61333334	1.62957461	1.68980014	1.73421799	1.75815688	1.7579493	1.78392403
0.28416255	0.29528032	0.31531252	0.34056699	0.33868453	0.32975112	0.32020315	0.35597922
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0.02663005	0.02735593	0.02724121	0.02815207	0.02861163	0.02971301	0.02932255	0.03060344
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2.61965938	2.6437901	2.45233054	2.43074895	2.50136029	2.46520577	2.48646805	2.45890065
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0.85619435	0.88480338	0.91433231	0.95036079	0.97435603	1.01818587	1.04271831	1.07237622
1.38675888	1.51385774	1.55891038	1.55145336	1.5196598	1.54419254	1.54306634	1.54698456
0.01835399	0.01840606	0.0198115	0.02274093	0.02262429	0.02103929	0.023053	0.02310718
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3.23426473	3.22132661	3.08841062	2.9128707	2.94916681	2.92223424	2.87711878	2.83545646
0.00056043	0.0005611	0.00056203	0.00056313	0.00056455	0.0005663	0.00056829	0.00057059
0.09060545	0.07781886	0.11987901	0.11286227	0.11402535	0.11505838	0.10941355	0.10879881
3.10059703	3.18381545	3.00903374	3.02010733	3.0291552	2.9065751	2.89113057	2.85792589
0.75665371	0.75827133	0.77531928	0.77672629	0.77646872	0.7755469	0.77259837	0.77032001
0.2390092	0.26625972	0.28103321	0.28792918	0.28934214	0.304336	0.30555421	0.32377956
0.00279182	0.00284927	0.00301575	0.00319242	0.00347984	0.00354158	0.00369507	0.00386199
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0.01189444	0.01181179	0.01174497	0.01162864	0.01151164	0.01152209	0.01148984	0.01156756
0.01422739	0.01416503	0.01418313	0.01456093	0.01458929	0.01489561	0.01466607	0.01468335
0.02619092	0.0260845	0.02574779	0.02559966	0.02522652	0.02525042	0.02390046	0.02351758
0.01638717	0.01679247	0.01674841	0.01711427	0.01631262	0.01763422	0.01564428	0.01504002
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0.00117422	0.00122147	0.00155416	0.00138044	0.00145021	0.00156327	0.00154067	0.00159628
0.00367332	0.00320591	0.00306035	0.00294791	0.00329581	0.00317481	0.00308327	0.00290024
0.25730793	0.22697196	0.23194764	0.23992464	0.25057846	0.26571066	0.26743086	0.28126786
0.00555218	0.00563893	0.00571921	0.00584135	0.00590498	0.0059702	0.0059908	0.00608065
0.0318573	0.02971322	0.02820878	0.02795824	0.02824585	0.02992175	0.0300176	0.02908546
0.17555174	0.1777289	0.16926469	0.17209654	0.16559592	0.16909847	0.16949198	0.16334631
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1.72354126	1.83960134	1.92431377	1.96023465	1.91971251	2.00476148	2.10250133	2.16952259
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4.42310054	4.34621169	4.1829948	3.94968466	3.73951223	3.56556294	3.52101303	3.42797804
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0.00110277	0.00112653	0.00115111	0.0011822	0.00117906	0.0012534	0.00134143	0.00136051
0.00097926	0.0010116	0.00114043	0.00120699	0.00124879	0.00135393	0.00123886	0.00131395
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0.25072844	0.31500126	0.35976592	0.37199282	0.32952081	0.3066338	0.32217264	0.32489706
0.00203774	0.00211006	0.00229367	0.00240957	0.00243059	0.00258826	0.00257127	0.00247542
0.24013999	0.24574676	0.21136311	0.23085669	0.22274556	0.24488972	0.23699332	0.22384611
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0.25514555	0.25670958	0.2584011	0.25842601	0.26179559	0.26660584	0.2732959	0.27190199
0.28610609	0.31043896	0.33517589	0.35568234	0.36770239	0.38143974	0.38952823	0.40509183
1.60041669	1.60163349	1.65448251	1.68108748	1.69564621	1.76974019	1.79891931	1.6903866
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0.14089425	0.13611024	0.13863368	0.14279921	0.14533794	0.17275945	0.18394382	0.18734087
0.00928937	0.00934676	0.00946823	0.00957275	0.00929402	0.00953051	0.0093508	0.00960057
0.22973941	0.25215802	0.26717273	0.29872284	0.29656375	0.30623487	0.31695993	0.30770498
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21.8009086	21.5050273	21.9866263	21.4760433	22.9749307	21.9636061	22.1158457	22.6678645
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19.8294847	18.4665488	18.3974778	19.0628646	19.8801936	20.3930647	21.199831	21.2782216
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1.42408342	1.32744356	1.45474088	1.38240292	1.49692197	1.44240991	1.4459889	1.46406835
0.11229205	0.11018841	0.10759606	0.10352811	0.09737607	0.09821762	0.09759719	0.09589644
0.80900238	0.80228423	0.77418678	0.78059068	0.73542847	0.75354352	0.75136901	0.73815621
0.04074782	0.04056303	0.04307058	0.04246606	0.04392023	0.04215468	0.04285771	0.04453112
0.00850107	0.00987481	0.00895572	0.01024613	0.01079625	0.01259605	0.01288084	0.01144298
1.28667214	1.21142568	1.13323364	1.09582699	1.06761118	1.05291712	1.05131053	1.06261421
0.00075916	0.0007881	0.00088808	0.00099621	0.00103066	0.00112313	0.00110864	0.00116003
0.08491455	0.08905473	0.08877244	0.08902407	0.08783324	0.08785335	0.09221236	0.09286933
0.09230246	0.09163189	0.08789475	0.08648914	0.09008117	0.09383816	0.09446427	0.10082254
2.14810843	2.28356642	2.2787142	2.24859361	2.23977989	2.17837145	2.17557448	2.17795964
0.00676181	0.01474235	0.01499488	0.02228607	0.02049194	0.02477904	0.0276922	0.03008368
0.91362153	0.91772879	0.90739821	0.90707652	0.90667665	0.90190938	0.90182701	0.90174946
0.00288153	0.00349289	0.00488426	0.00559195	0.00517691	0.00519038	0.00522943	0.00539178
0.00164051	0.00167446	0.00163442	0.00177713	0.00174256	0.00185265	0.00210499	0.00193154
0.06988163	0.06670067	0.06454999	0.06699866	0.06557419	0.05927884	0.05864411	0.05212541
0.40758592	0.41088767	0.41139302	0.42102671	0.42561655	0.43043662	0.43698528	0.4373717
5.19349129	5.26770278	5.302699	5.36091567	5.4362844	5.5338888	5.66188939	5.67598315
1.51602855	1.51107943	1.40979412	1.30257194	1.31435649	1.4510551	1.56611792	1.5306485
0.74814476	0.77467361	0.80659198	0.80745318	0.8448346	0.86192494	0.87468829	0.8939578
0.3598502	0.37110597	0.39063356	0.40986385	0.4367261	0.45521019	0.47069575	0.494792
6.94642912	6.75264706	5.37835091	4.7449852	3.62503569	4.48614073	4.19918854	4.12052307
0.10588787	0.10254171	0.09807052	0.10016913	0.11070205	0.11252366	0.11319794	0.11461447
35.1369167	33.9270157	35.4031219	35.1287691	34.0518019	33.6613704	33.1537802	33.503582
0.32239577	0.28441249	0.26994956	0.25215169	0.23758173	0.24343852	0.25193545	0.30377223
0.00108556	0.00132794	0.00120649	0.0013231	0.00133447	0.00140617	0.00149717	0.00141546
0.95811726	1.04413031	0.99702533	0.9883437	0.87623681	0.77623672	0.71755629	0.66907939
0.00073727	0.00076761	0.00084998	0.00090141	0.00091057	0.00097099	0.00083777	0.00108074
1.08411351	1.06705035	1.09604713	1.18030626	1.04295205	1.12759533	1.1244095	1.43394871
0.00336436	0.00317443	0.00321225	0.00350215	0.00331584	0.00343509	0.00363262	0.00413227
0.00373168	0.00385181	0.00386451	0.00401524	0.00424568	0.00454719	0.00452958	0.00447695
1.09056607	1.10562622	1.16907316	1.18609228	1.14218463	1.15830499	1.18301226	1.21669764
2.89409155	2.93728368	2.97908171	2.9824972	2.8641686	2.88100069	2.93215379	2.99162404
0.56070515	0.57400427	0.58087196	0.59532554	0.60584638	0.61367661	0.62173104	0.62895411
0.30536535	0.30038872	0.30509774	0.30833972	0.31061898	0.308675	0.31077397	0.32652282
0.00098618	0.00128655	0.00143648	0.00156131	0.00163152	0.00186005	0.00181256	0.00162478

0.06149264	0.05846982	0.03591517	0.02717057	0.03193882	0.02275512	0.02152083	0.02662743
0.06628543	0.07053928	0.07702319	0.0790839	0.080893	0.09652902	0.08272777	0.0849981
0.00026514	0.00026463	0.00028517	0.0002832	0.00027729	0.00031938	0.0003289	0.00029188
3.55892619	3.58530066	3.64892789	3.76196639	3.97480675	4.14986012	4.36882971	4.56090748
0.01358947	0.01284263	0.01403023	0.01396251	0.0138663	0.01338389	0.01337225	0.01309873
0.02046315	0.02031119	0.02004955	0.02018862	0.01929733	0.0223579	0.02194534	0.02095555
0.31301738	0.29996515	0.34755926	0.33339172	0.24447935	0.28496793	0.30335445	0.28079411
0.5811786	0.6476172	0.66376864	0.603132	0.68217723	0.66221716	0.67309444	0.67479112
0.04795704	0.05712804	0.06195526	0.0641847	0.0519238	0.03078609	0.02853852	0.04035003
0.00072029	0.00077514	0.00090177	0.00098954	0.00102606	0.00120641	0.00107488	0.00102777
1.27681401	1.31547138	1.34222749	1.33649795	1.32870839	1.44405617	1.51430497	1.52327277
0.20529995	0.20748096	0.21595604	0.22110004	0.22822313	0.23572276	0.24081197	0.24305961
0.07024763	0.07538444	0.08571892	0.08842328	0.07765445	0.06863096	0.08370713	0.09201932
0.00221048	0.00209393	0.00231801	0.00211638	0.00221951	0.00319051	0.0037983	0.00492861
0.24153481	0.24102511	0.23548581	0.23854634	0.25451788	0.25214362	0.24711664	0.24675051
0.03264721	0.03381605	0.03636837	0.03840753	0.04378647	0.06336653	0.06605634	0.07267988
0.01156879	0.01406388	0.01706084	0.01576211	0.02093371	0.02540929	0.02967657	0.03179719
0.59376728	0.60200401	0.58371069	0.63606266	0.67773438	0.72619952	0.76081663	0.79036461
0.06515293	0.06768391	0.05774608	0.06505559	0.07343446	0.07308699	0.07466742	0.07678955
0.02685998	0.02679544	0.02929983	0.02807529	0.02792243	0.02993658	0.03183298	0.0313307
0.00290006	0.00348547	0.00379547	0.00401941	0.00394918	0.00477051	0.00533067	0.00537581
0.02378271	0.0221961	0.01935477	0.02038424	0.02124049	0.02463415	0.02554563	0.02541512
0.22134273	0.22323481	0.21836077	0.20391446	0.18199055	0.18093196	0.18144362	0.18792014
0.00050014	0.00054883	0.00070477	0.00071272	0.00086574	0.00099174	0.0010959	0.00085603
0.00051984	0.00060808	0.00068755	0.00096193	0.00081244	0.00119377	0.00110662	0.00108721
0.0853892	0.10961154	0.11458372	0.11866582	0.13557083	0.13548352	0.14397868	0.14850612
2.77321027	2.98329351	3.1399879	3.28836137	3.25705186	3.09575927	3.12340612	3.11142418
0.00188804	0.00184697	0.00217084	0.00203864	0.00219236	0.00257234	0.00228169	0.00225251
0.01336248	0.01361296	0.01365291	0.01308376	0.0132876	0.0116818	0.01144229	0.01120469
0.00289274	0.00353168	0.00319516	0.00286606	0.00322904	0.00323109	0.0035963	0.00382425
0.02237867	0.023631	0.02390844	0.02468138	0.02481028	0.02755294	0.02808738	0.02971331
0.00121358	0.00128027	0.00084047	0.00092145	0.00136207	0.001893	0.00198955	0.00201027
2.23422339	2.21458516	2.19507452	2.16753008	2.10796589	2.05097041	2.18829146	2.24398766
0.15821346	0.15635315	0.15483491	0.15272474	0.14853612	0.14784931	0.1457734	0.14674476
0.31504075	0.33025556	0.38673562	0.34832561	0.35981385	0.38375028	0.40167354	0.4133691
13.3398116	14.6865132	13.8181104	15.5622991	16.1823907	17.2077584	18.81264	20.0486077
0.01893291	0.02741773	0.02773886	0.02899036	0.03420519	0.04541257	0.04382747	0.04741858
0.0346713	0.03660749	0.03655557	0.03897819	0.03058411	0.0373218	0.03704492	0.03776923
0.02334479	0.02131107	0.03131509	0.04274635	0.02535737	0.02075541	0.02363801	0.02227793
0.01866548	0.04380839	0.04569774	0.048014	0.0478134	0.04022711	0.0197869	0.01861286
0.00058017	0.00066582	0.00060584	0.00059081	0.00052365	0.00059216	0.0006776	0.00063388
0.33998543	0.37886036	0.35214919	0.3518112	0.37986944	0.41235841	0.40881894	0.39743613
0.00081803	0.00087652	0.00105319	0.00093555	0.00103976	0.0015669	0.00203648	0.0021631
0.00511724	0.0045543	0.00445041	0.0047329	0.00484485	0.00654412	0.00697846	0.00682876
0.05623974	0.05757519	0.05870214	0.05988916	0.06168039	0.07556905	0.07721001	0.07199526
0.01330386	0.01092833	0.01377465	0.01702776	0.01750931	0.01932204	0.02122683	0.01982449
0.00067742	0.00065366	0.00075286	0.00082019	0.00088381	0.00100749	0.00108965	0.00094071
0.01923132	0.01766766	0.01574761	0.01513983	0.01576373	0.01673285	0.01740293	0.01760289
0.14649646	0.14358682	0.14264379	0.14901	0.15966287	0.1646508	0.17095472	0.17343124
1.4436324	1.43830877	1.48949592	1.53250792	1.55206064	1.58332475	1.58541658	1.51361056
0.00367573	0.00484331	0.00501345	0.00505373	0.00469307	0.00545561	0.00480523	0.00490169

0.00017594	0.00018176	0.00020403	0.00023233	0.00025091	0.00029288	0.00026335	0.00025646
0.13870224	0.13071531	0.12536816	0.1257111	0.13165724	0.13321344	0.13169404	0.13206283
0.06878789	0.07457924	0.06892442	0.0600609	0.07279844	0.08621869	0.08425599	0.08640029
0.34773754	0.39675643	0.41488313	0.48312718	0.51315618	0.55843156	0.54677129	0.56582258
0.16133324	0.16733989	0.18022953	0.19546188	0.1951119	0.22502475	0.24187126	0.23505114
0.59188428	0.65054353	0.6525357	0.67619968	0.66929838	0.75135781	0.74420519	0.77649618
0.00288245	0.0024841	0.00208594	0.00209606	0.00209717	0.00256924	0.00249942	0.00275592
0.00107634	0.00113434	0.00119796	0.00123968	0.00128024	0.00142588	0.0012918	0.00134113
0.94479956	0.8807193	0.7460995	0.75927366	0.79943949	0.82696408	0.85360032	0.86818259
0.03007513	0.02905936	0.02757617	0.02579537	0.02618995	0.02547848	0.0263413	0.02647915
0.0344183	0.03898392	0.04086898	0.04589463	0.05066873	0.07321955	0.07703426	0.08459453
0.12209958	0.11964574	0.11536619	0.10662861	0.10821262	0.11601601	0.11172164	0.11369372
0.00727151	0.00773581	0.00759137	0.00791641	0.00803651	0.00840545	0.00994758	0.00966178
4.305E-05	4.6108E-05	5.364E-05	5.7566E-05	6.1148E-05	7.3601E-05	6.634E-05	6.445E-05
1.21074281	1.22502539	1.22784879	1.23902494	1.27044789	1.26379196	1.26828226	1.23164229
0.00815223	0.00858983	0.00876281	0.00861119	0.00837607	0.01014423	0.00208447	0.00201691
1.19761712	1.2001332	1.19530881	1.21568849	1.2488374	1.27430125	1.2778365	1.26630333
0.03147681	0.03257066	0.06736047	0.07672108	0.0731638	0.06166072	0.05126829	0.05114255
0.07686027	0.09038711	0.09060984	0.09093119	0.09987252	0.10436832	0.100535	0.11122423
0.00319709	0.00326148	0.00347326	0.00377483	0.0040832	0.00441697	0.00477799	0.0051557
0.01468265	0.01446317	0.01288284	0.01347731	0.01546331	0.02157607	0.02147024	0.02084821
0.00394332	0.00393736	0.00395096	0.00393334	0.00384155	0.00427867	0.00429441	0.00395704
0.0027019	0.00268461	0.00269354	0.00293601	0.00309567	0.00401809	0.00408272	0.0040064
0.00184871	0.00192877	0.00198299	0.0020643	0.0021986	0.00295536	0.00237817	0.00232568
0.00602596	0.00620568	0.0058789	0.00608651	0.0062495	0.00752512	0.00590156	0.00535967
0.1689064	0.1451313	0.13226803	0.13560831	0.1322186	0.13496153	0.13322297	0.13483125
0.00031205	0.00032552	0.00042641	0.000389	0.00041263	0.00048838	0.00049633	0.00045578
0.00073757	0.00070207	0.00076221	0.0007168	0.00070135	0.00077883	0.00081314	0.00078218
0.06745146	0.06765739	0.07128432	0.07545866	0.08230611	0.10059827	0.1035462	0.0994576
0.00129493	0.00129298	0.00129744	0.00129166	0.00126151	0.00140506	0.00141023	0.00129944
0.00736657	0.00735803	0.0068229	0.00743845	0.00713686	0.00919709	0.00920542	0.00865934
0.10305325	0.10004316	0.07785985	0.08121365	0.08882883	0.10563253	0.12880804	0.12837678
0.03688114	0.03870794	0.03890102	0.04049936	0.04614524	0.0551799	0.05269066	0.04977665
0.05638317	0.05554579	0.05352679	0.0553043	0.05899981	0.06093746	0.06582483	0.06300672
0.01411251	0.01150378	0.01059354	0.01419258	0.01657333	0.01911014	0.01940565	0.01844198
0.09336132	0.09124487	0.08755618	0.09953294	0.1053847	0.10573541	0.11259486	0.1197739
1.14589838	1.37324978	1.49433926	1.44826238	1.34672313	1.23258161	1.29506786	1.5048654
5.47391945	5.61140692	5.61417354	5.86038924	6.16024332	6.11427325	6.51088316	6.83169676
0.11038683	0.10917507	0.10901238	0.11036351	0.11452228	0.12071518	0.11943484	0.12165407
3.35454086	3.61440341	3.69561007	3.84391718	3.77489172	3.87958856	3.95577497	3.93193583
0.29761834	0.3305353	0.34715856	0.25817073	0.2331646	0.24093404	0.27873041	0.33942016
0.00750634	0.00720727	0.00735787	0.00735397	0.0079458	0.00864642	0.00912334	0.00947627
0.16699918	0.18473906	0.18738629	0.18341926	0.18173618	0.19279424	0.20274267	0.20553119
0.94582321	0.89443356	0.8809961	0.92925508	0.91808894	0.90395539	0.87127645	0.90172747
0.01908687	0.016112	0.0176338	0.01855869	0.01748283	0.01940975	0.02273977	0.02409059
0.04996474	0.07381919	0.08408377	0.08193685	0.08498312	0.09454811	0.10305861	0.10315816
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0.18262536	0.20578511	0.16996977	0.21483856	0.16979964	0.20149409	0.17315636	0.1653109
0.05204818	0.05611757	0.06162062	0.06863594	0.09003607	0.11504354	0.10339059	0.11441683
0.03515128	0.04613608	0.04977885	0.0378066	0.02737494	0.03000301	0.0268701	0.0195253
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0.00026441	0.00027374	0.00031681	0.00034445	0.00035945	0.00042753	0.00040362	0.00037944
1.17706524	1.21121631	1.27272301	1.29043213	1.43841422	1.4980469	1.56982562	1.53202036
0.11107301	0.10931146	0.12391077	0.12026748	0.1173312	0.12526768	0.13537984	0.14522766
0.01926273	0.02204222	0.02562015	0.02985087	0.03133453	0.03990338	0.04081363	0.04179047
0.02497755	0.07177655	0.0555899	0.05488923	0.06525419	0.0702586	0.07674516	0.05804253
0.00497937	0.00563471	0.00506608	0.00657546	0.00685354	0.01008215	0.00870027	0.00962951
0.11565835	0.13897075	0.14327168	0.16947841	0.11988498	0.18206789	0.17152238	0.16244671
0.00047842	0.00049883	0.0005789	0.0006278	0.00064195	0.00075093	0.00076032	0.00065151
0.14554348	0.1441824	0.14632457	0.15240327	0.16742876	0.17832255	0.15599125	0.1488864
0.00317259	0.00348761	0.00351301	0.00364026	0.0036319	0.00515174	0.00562272	0.00535391
0.04927797	0.0477948	0.04633305	0.04905788	0.04961342	0.05316129	0.05729148	0.06361127
0.06358859	0.06227359	0.06174153	0.06041171	0.05690796	0.05505609	0.05592651	0.05961282
0.04335996	0.04417051	0.04172056	0.04253872	0.04376618	0.04107561	0.04153739	0.04228292
0.01023449	0.0116783	0.00798442	0.00812387	0.01118666	0.01205355	0.01287008	0.01141213
0.16908208	0.17474148	0.18286629	0.19154998	0.19749623	0.22409693	0.23363744	0.23841954
0.03185019	0.0282414	0.02762719	0.02653995	0.0319881	0.03430498	0.03131504	0.03018071
0.01128741	0.0119215	0.01126932	0.01212436	0.0126121	0.01473476	0.01489874	0.0153036
0.00885903	0.01215159	0.01108086	0.01413213	0.0097766	0.01003755	0.01059204	0.01156428
1.59938156	1.57879318	1.58662632	1.5820102	1.59373682	1.66178652	1.62141588	1.54704196
0.01441808	0.01399732	0.01601718	0.01682654	0.01842801	0.02101334	0.02186267	0.02187515
0.01247738	0.01358113	0.01461255	0.01549873	0.01929828	0.03209696	0.03540044	0.03656903
0.00445176	0.00441064	0.00444349	0.00454042	0.00490606	0.00489723	0.00508601	0.00566903
0.0510682	0.07495873	0.09340748	0.10937185	0.12019266	0.11036546	0.14782474	0.15516338
0.05521965	0.06150645	0.06403491	0.05751801	0.05475923	0.04581916	0.06589261	0.0690769
0.02356958	0.02815577	0.02751236	0.03217866	0.0330899	0.04318144	0.04095262	0.03997799
0.01180125	0.01334367	0.01195513	0.01417162	0.01448724	0.01736975	0.02660829	0.02746442
0.00388306	0.0038772	0.00389059	0.00387324	0.00378285	0.00421329	0.0042288	0.00389658
0.00988949	0.01009404	0.00954784	0.00976413	0.01007879	0.01246707	0.01271172	0.01266831
0.00485868	0.00489664	0.00508465	0.00512972	0.00488622	0.00736728	0.00849063	0.00962489
0.49003639	0.47626723	0.61633564	0.6940114	0.63608848	0.58818594	0.54842734	0.5448017
0.01763207	0.01749783	0.01773971	0.01877014	0.01965505	0.02308337	0.02294961	0.02267138
0.01284461	0.01517145	0.01533338	0.01655945	0.01469501	0.01623736	0.01630345	0.01633187
0.0082037	0.01026803	0.01074718	0.01126764	0.01145026	0.01208143	0.01073119	0.01112128
0.26822098	0.2891105	0.40055397	0.43540941	0.40157369	0.53681323	0.54058418	0.56222479
0.01895688	0.02015344	0.02028528	0.02243808	0.02455819	0.02820152	0.03025552	0.02505176
0.30581064	0.293462	0.2823213	0.2598239	0.261022	0.26188207	0.26861339	0.26839911
0.13030807	0.13157362	0.12956279	0.13094333	0.13101698	0.128025	0.12203691	0.12187302
0.0402283	0.03121097	0.03424723	0.03950643	0.03276236	0.05198975	0.06277623	0.06572635
0.12631271	0.12678149	0.12771482	0.12908965	0.13489023	0.15633041	0.16468477	0.17084599
0.08081672	0.08868459	0.11067421	0.10888627	0.10551679	0.09647283	0.09397415	0.09505053
1.78594269	1.61790049	1.48252067	1.32793495	1.36322291	1.42265963	1.52388933	1.35053122
0.04376815	0.04395919	0.04374656	0.046411	0.04920052	0.05988828	0.06200892	0.05637446
0.24123791	0.27323272	0.286513	0.28034091	0.31221732	0.35887245	0.3610845	0.36321541
0.26547226	0.27783659	0.301793	0.30882657	0.35608291	0.37182988	0.37720289	0.38229177
0.01564012	0.027113014	0.01359487	0.00807461	0.00745823	0.00785332	0.00852717	0.00843184
0.02253647	0.02247484	0.02154438	0.02118035	0.02444904	0.02549587	0.02647201	0.02493968
0.36787177	0.35503346	0.3348405	0.33679162	0.35755488	0.40488642	0.47153535	0.49954907
0.0292067	0.02952729	0.02792526	0.02708687	0.02929701	0.03100261	0.0238397	0.02225677
0.01518824	0.01488335	0.01705242	0.01529742	0.01631738	0.01608322	0.02792939	0.02517357
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0.0059379	0.00625706	0.00579572	0.00524036	0.00525312	0.00564476	0.00591023	0.00567993
0.12476759	0.10506038	0.1399113	0.15918779	0.17192248	0.17241024	0.17894283	0.15429169
0.01459393	0.01456257	0.01353033	0.01358159	0.01362561	0.01587107	0.01592066	0.01566591
0.16580162	0.1661019	0.16040596	0.14882676	0.15119471	0.15922337	0.17000465	0.16822846
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8.8499E-05	8.8223E-05	9.9599E-05	9.9779E-05	0.00010097	0.00012484	0.00013064	0.00013481
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0.00437023	0.00512587	0.00609976	0.00661072	0.0054687	0.0072068	0.00710898	0.00686691
0.03780948	0.03291088	0.0331223	0.03306882	0.03783686	0.04432823	0.04174359	0.03956768
0.00446512	0.00456598	0.00458431	0.00454443	0.00485102	0.00635554	0.00632093	0.0061927
0.00013059	0.00013072	0.0001511	0.00016474	0.00016372	0.00016683	0.00014752	0.00015417
0.00074559	0.00080709	0.00081033	0.00080328	0.0008607	0.00115185	0.00116964	0.00112295
0.00356764	0.00397225	0.00393081	0.00392061	0.00406012	0.00611215	0.00500947	0.00344087
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0.18600209	0.1805495	0.17842815	0.17690662	0.17999122	0.17286817	0.17175728	0.16423753
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0.00459027	0.00540323	0.0048861	0.0056688	0.00605257	0.00868006	0.00906805	0.0078491
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0.00019019	0.0001992	0.00023367	0.00026942	0.00028243	0.00033822	0.00034333	0.0003196
0.00301424	0.00542592	0.00564459	0.00582345	0.00608252	0.00771088	0.01201337	0.01270775
0.0163879	0.01384654	0.00674463	0.00346085	0.0069902	0.00662129	0.0103603	0.01133929
0.85844149	0.90933075	0.9261738	0.89177553	0.91735773	0.91839884	0.99741639	1.03454784
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0.00018719	0.00019539	0.0002273	0.000248	0.00025305	0.00029605	0.00026038	0.00030138
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0.28820011	0.29419448	0.307826	0.31942573	0.33065996	0.33793327	0.34467389	0.34859392
0.19727042	0.21281385	0.23394361	0.24629433	0.25255354	0.25397478	0.25904383	0.26199234
0.0001344	0.0001373	0.00013895	0.00014147	0.00014467	0.00014841	0.00015236	0.0001535
0.11081903	0.11255522	0.11381295	0.11552434	0.11741529	0.11939256	0.12072474	0.12212307
0.00145081	0.00148665	0.00150521	0.0015314	0.00156455	0.00160202	0.00164061	0.00164852
0.12832364	0.13416069	0.13904033	0.12141775	0.13545129	0.13906524	0.14046681	0.13706349
0.6964078	0.71084254	0.72259797	0.74447988	0.75494429	0.77195057	0.78459421	0.81471557
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		0.01878666	0.03970728	0.06311841	0.06988105	0.07395646	0.07747997
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0.1029621	0.1070425	0.1122686	0.11666163	0.12049584	0.12134988	0.12233134	0.12651838
0.2159916	0.22284042	0.23044098	0.23619276	0.24142104	0.24638034	0.25360801	0.2778327
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0.14873639	0.14721388	0.14733298	0.14538037	0.14434195	0.14310684	0.14414708	0.15295914
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0.00151578	0.00151374	0.00150957	0.0017461	0.00174419	0.00174455	0.00174499	0.0013481
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0.87614848	0.87323451	0.89690868	0.9073958	0.9112733	0.93572977	0.98958647	1.02299026
0.1552698	0.15585648	0.15833269	0.15955063	0.1603251	0.16481595	0.16547544	0.16585224
0.83349127	0.84440757	0.85231567	0.86302343	0.87280382	0.88564821	0.89939537	0.92713927
22.2451487	22.5702266	23.0071174	23.5276725	24.1239673	24.6541687	24.9987643	25.353467
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0.00640972	0.00700619	0.00768812	0.00839837	0.00956281	0.01074242	0.01080859	0.01079228
0.01761307	0.01757261	0.01856575	0.01992004	0.02140053	0.02205967	0.02234489	0.02265523
0.01147958	0.01186377	0.01209335	0.01229614	0.01252644	0.01296749	0.01338641	0.01381286
0.00763325	0.00804283	0.00848318	0.00887845	0.00922017	0.00950007	0.00979578	0.01010886
0.22090286	0.22008592	0.21807455	0.21478431	0.21102154	0.21151457	0.21633846	0.22129851
0.00126369	0.00125094	0.00123832	0.00124894	0.00126153	0.00129614	0.00132035	0.00134482
0.00089617	0.00089388	0.00089609	0.0008994	0.00090611	0.00091493	0.00092757	0.00093973
0.16517583	0.16950321	0.17493874	0.1804765	0.187738	0.19349392	0.196226	0.19834673
0.00394154	0.00383735	0.00373783	0.00441894	0.00507304	0.0048845	0.0047385	0.00502131
0.00991872	0.01005988	0.01037999	0.010925	0.01142233	0.01170032	0.01169107	0.01179608
0.14748205	0.14906123	0.15041687	0.15053588	0.15487102	0.15889254	0.16270403	0.16573457
0.08730603	0.0893592	0.08996071	0.09155159	0.094193	0.09784046	0.10109334	0.10345305
0.06266962	0.06329169	0.06406993	0.06479462	0.06512221	0.06707185	0.06724382	0.06877775
0.07924232	0.07967949	0.08200514	0.08487952	0.0872463	0.08944427	0.08999738	0.0884749
0.16590402	0.16565136	0.16709524	0.17434816	0.1776972	0.18554389	0.18865834	0.18910478
2.48933024	2.56400421	2.65213677	2.72832215	2.82209906	2.9557317	3.06426311	3.1557437
13.027967	13.4452904	13.748327	14.074288	14.4028568	14.8689908	15.2735146	15.6817283
0.10737834	0.10477145	0.10457145	0.10541327	0.10544794	0.10808464	0.11157514	0.11261707
1.05889006	1.09434586	1.12291774	1.17191809	1.16732885	1.16370947	1.16383501	1.15833708
0.33962083	0.35249977	0.36666663	0.37237868	0.37632827	0.38827716	0.40778764	0.4257159
0.00836306	0.00814114	0.00861403	0.00928398	0.00963584	0.00997411	0.01006204	0.0103672
0.53807173	0.55048429	0.56194792	0.57113803	0.58011214	0.5900253	0.60520864	0.61845212
1.39078421	1.38009657	1.37303779	1.37200801	1.33267616	1.33551364	1.32891904	1.33296102
0.03501754	0.0351593	0.03496006	0.03494299	0.03458331	0.03484225	0.03557938	0.036653
0.09252585	0.09709284	0.10192475	0.10657346	0.11080781	0.11234186	0.1125125	0.11037629

2.25265459	2.24461222	2.2639606	2.23010338	2.23412522	2.1623974	2.14803732	2.18458931
0.25978378	0.26603757	0.26967227	0.27494574	0.28113992	0.29183094	0.30448277	0.314897
0.4386942	0.45505412	0.46511386	0.48062168	0.49565432	0.50284291	0.50738434	0.51760461
0.07828642	0.07953053	0.08080578	0.08142002	0.08240639	0.08297819	0.08462805	0.0861651
0.15576111	0.16010796	0.1634929	0.16718278	0.17063216	0.17329355	0.17787453	0.17867916
0.00124807	0.00125892	0.00126528	0.00129878	0.0013405	0.00137186	0.00138225	0.00142006
0.00065238	0.00064828	0.00065541	0.00067681	0.00069916	0.00071795	0.00072203	0.0007006
1.04637864	1.0715994	1.0719164	1.06305452	1.07538884	1.09485802	1.11345655	1.131026
0.05500466	0.05824582	0.06130376	0.06462926	0.06613026	0.06789814	0.069097	0.07102189
0.07051032	0.07317599	0.07748925	0.08246606	0.08616892	0.08743303	0.08876857	0.0906132
0.07617074	0.07861632	0.0812664	0.08483816	0.08765036	0.08940814	0.09057119	0.09036605
0.02518826	0.02636718	0.0275294	0.02886119	0.03032947	0.03163942	0.03268666	0.03352667
0.08287243	0.08386916	0.08570354	0.08612744	0.08655557	0.0866281	0.08817466	0.08842488
0.00239901	0.00238358	0.00242418	0.00247302	0.00255513	0.00257572	0.0026478	0.00262993
0.20169789	0.20747838	0.21289416	0.21998286	0.22613045	0.23180207	0.23494945	0.23823038
0.02634232	0.02586708	0.02464835	0.02318471	0.02280546	0.02311147	0.02379459	0.02346725
0.06070324	0.06235201	0.06620212	0.06861919	0.07064389	0.08422313	0.08494067	0.09470915
0.01621946	0.01673012	0.01658788	0.0171824	0.01597047	0.01666809	0.01615909	0.01635428
0.0484407	0.04712041	0.04634386	0.04835792	0.05169186	0.05691831	0.05380758	0.05386552
0.00897772	0.00924898	0.00973526	0.01024734	0.01067818	0.01094755	0.01123759	0.01141541
0.52879694	0.54227627	0.55427557	0.56815129	0.58031173	0.59002934	0.60200744	0.60967823
0.04807281	0.04762361	0.0473309	0.04757978	0.04794165	0.04813835	0.0482423	0.04764855
0.17124712	0.17191129	0.17282791	0.17403964	0.17720315	0.18081672	0.18447975	0.18203887
0.00735414	0.00753577	0.00767768	0.00775419	0.00777571	0.00755741	0.00730458	0.00712257
1.74927255	1.78283822	1.83561682	1.87551547	1.90713038	1.94074306	1.97850218	2.0183615
0.075554	0.07566887	0.0761326	0.07673794	0.07731183	0.07781023	0.07841579	0.07902014
0.22079595	0.22559297	0.22870626	0.23152394	0.23672467	0.24302283	0.25140535	0.25594406
0.00760582	0.00771187	0.00793491	0.00808539	0.00818848	0.00824304	0.00821981	0.00799412
0.7282763	0.7430967	0.7705258	0.7976778	0.82875787	0.84528313	0.85846304	0.87263816
0.0345985	0.03681241	0.03882405	0.04172029	0.04426605	0.04653352	0.04830387	0.0508034
0.20605822	0.2104348	0.20736061	0.19844369	0.19208426	0.19625263	0.21536428	0.22824402
0.04912266	0.05080227	0.05280192	0.05532909	0.05736106	0.0584852	0.06010553	0.06203951
0.00487406	0.00507406	0.0052405	0.00536501	0.00551341	0.00592964	0.00635752	0.00632311
0.02057503	0.02066101	0.01953791	0.02142286	0.02114928	0.02121384	0.01936702	0.01962637
0.17956967	0.1857745	0.1885391	0.19213302	0.19810918	0.20788238	0.21709279	0.22566244
0.37834416	0.39040062	0.40066311	0.40780128	0.41304909	0.4178224	0.42007432	0.42733787
0.02286549	0.02347765	0.02402214	0.0245879	0.02555857	0.02654473	0.02741946	0.02783081
0.00373542	0.00381441	0.0038853	0.00387666	0.00390213	0.00390853	0.00397368	0.00410453
0.23204415	0.23725855	0.24563078	0.25621344	0.2698935	0.2835315	0.29815476	0.31122634
1.66178013	1.68728883	1.73299672	1.77085887	1.81823605	1.85715388	1.91561969	1.9558603
0.05993524	0.0606503	0.06165699	0.06236473	0.06408746	0.06511152	0.06686769	0.06906179
0.58255457	0.58332717	0.57028727	0.54740252	0.53446536	0.56248794	0.56569415	0.57276033
0.12796616	0.13621759	0.13918295	0.13107048	0.12959088	0.1347272	0.13097692	0.13597524
0.29728634	0.30866401	0.31990151	0.33041447	0.34197365	0.35266176	0.36148898	0.37038452
0.07548276	0.07970977	0.08166711	0.08519886	0.08943498	0.09395018	0.09964915	0.10335178
0.04553642	0.0497198	0.05400704	0.05763687	0.05991874	0.06261005	0.06544767	0.06923203
1.73940923	1.79449225	1.87538138	1.96460127	2.03688329	2.10061195	2.16513671	2.22702698
0.04713153	0.04859086	0.05007669	0.05093159	0.0522477	0.05310159	0.05628097	0.05876151
0.39152031	0.40686606	0.42411918	0.43859149	0.45113298	0.46216553	0.47378957	0.49046506
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5.2279E-05	5.3028E-05	5.344E-05	5.4941E-05	5.6868E-05	5.8519E-05	5.9131E-05	8.1442E-05

0.07579243	0.07784681	0.08042405	0.08395685	0.08691596	0.08831425	0.08916546	0.09012962
0.68053934	0.70382474	0.71464986	0.70810698	0.73787466	0.75666256	0.71607913	0.73815353
0.03571303	0.03593169	0.03584559	0.0360141	0.03637583	0.03687024	0.03743497	0.03733164
0.23813136	0.23940349	0.23817104	0.236477	0.23641449	0.23588944	0.23276872	0.23258096
0.24190368	0.23881114	0.2349207	0.23374621	0.235272	0.23631613	0.23832642	0.24328353
0.06634623	0.06905834	0.06999258	0.07202599	0.07219761	0.0742595	0.07748696	0.08076798
0.00518169	0.00535288	0.00553722	0.00504239	0.00503869	0.00503802	0.00505572	0.00512632
0.00152482	0.01216728	0.01620154	0.01898455	0.01952954	0.02023597	0.02079475	0.03666068
0.01296368	0.01268776	0.01291935	0.0131507	0.01327376	0.01339263	0.01348361	0.0136047
0.38675853	0.39370538	0.38199699	0.38097924	0.38381076	0.38642658	0.38592351	0.38074276
2.46417137	2.48534899	2.48462672	2.48520942	2.48507752	2.47291561	2.47484774	2.48691086
0.10482984	0.10646654	0.10919311	0.11195817	0.11534624	0.11899904	0.12190374	0.12336335
0.42176385	0.43784102	0.454264	0.46843292	0.4803109	0.48584993	0.48645708	0.49387311
0.13496404	0.1350102	0.13587863	0.13699839	0.13768916	0.13646823	0.13579275	0.13732394
0.51966887	0.57085571	0.58649468	0.60538521	0.61435065	0.62801271	0.64417841	0.66416735
0.18580089	0.18962725	0.19566817	0.20136352	0.21395457	0.22414965	0.23383937	0.24187429
0.06561037	0.06781924	0.06996234	0.07174231	0.07390542	0.07629185	0.07861151	0.08072365
4.4098E-05	4.345E-05	4.3002E-05	4.2582E-05	4.2372E-05	4.2383E-05	4.2733E-05	4.3269E-05
0.00511741	0.00519353	0.00527808	0.00532301	0.0054338	0.00544395	0.00545	0.0054209
0.05673013	0.05850769	0.05985647	0.06038595	0.06003789	0.06061612	0.06155657	0.06365506
0.07417193	0.07518792	0.0773174	0.07875664	0.08053409	0.08095655	0.08139048	0.08290428
0.11390494	0.11784279	0.121245	0.12476077	0.12864026	0.13267103	0.13635788	0.14067618
0.00011583	0.00011555	0.00011592	0.00011652	0.0001177	0.00011914	0.000121	0.0001229
0.00162387	0.00165183	0.00167998	0.0016955	0.00172369	0.00174872	0.00180103	0.00187554
0.00557158	0.00569241	0.00574997	0.0057426	0.00570509	0.00572998	0.00587582	0.00611698
0.1360881	0.1423508	0.1340752	0.14241988	0.16300181	0.14555068	0.1556744	0.16183846
0.03796137	0.03753593	0.03908042	0.03943455	0.03997468	0.03997024	0.04171545	0.04236403
0.19252154	0.1900763	0.19091444	0.19170301	0.19056568	0.19215351	0.19180349	0.19257718
0.01106639	0.01175338	0.01248317	0.01284523	0.01308238	0.01325392	0.01365231	0.01389331
0.00136703	0.00135831	0.00133434	0.00132578	0.00134839	0.00141843	0.00147996	0.00152916
0.28626799	0.27813489	0.26317694	0.24677368	0.23010285	0.21680808	0.21308663	0.21845599
0.0003057	0.00031515	0.00032173	0.00033012	0.00034001	0.00035082	0.00036224	0.00036692
0.15559147	0.16235117	0.16914473	0.17407643	0.17972102	0.18613055	0.1936383	0.20029819
0.06164731	0.06424579	0.06596883	0.06771537	0.06985258	0.07164329	0.07384194	0.07621215
0.734516	0.73870999	0.74634247	0.75273341	0.74732199	0.7494425	0.76296029	0.74835925
0.07895919	0.08290818	0.08658142	0.09189639	0.09737077	0.104314	0.11146401	0.11896533
0.07615494	0.07753525	0.08024072	0.08292394	0.0849849	0.08552301	0.08667691	0.0877892
0.01031864	0.01066514	0.01105779	0.0113836	0.01179275	0.01226754	0.01186292	0.01145302
0.00113343	0.00114275	0.00115743	0.00116949	0.00117415	0.0011861	0.00119423	0.00121427
0.0180801	0.01853107	0.01900625	0.01932059	0.01946855	0.01953823	0.01952905	0.01957864
0.17411714	0.17796397	0.18189728	0.18515118	0.18862795	0.19079501	0.19237339	0.19449349
1.30815981	1.33996949	1.36669214	1.40170188	1.42866397	1.46487877	1.48689706	1.51669638
0.32354634	0.32616798	0.32736112	0.32937694	0.33036392	0.33099936	0.33439989	0.3384998
0.4597295	0.47932754	0.50030993	0.52245226	0.54142351	0.55844476	0.57592528	0.5908799
0.32870016	0.33581266	0.34357695	0.34619076	0.34176858	0.33724284	0.33909991	0.33246456
0.6826452	0.68983445	0.6753275	0.66644652	0.66226018	0.66514156	0.66080628	0.65924935
0.04948629	0.04925201	0.04981439	0.04958297	0.04941284	0.04844039	0.04879321	0.05071499
7.9300877	8.01448958	8.17608791	8.30559536	8.43940094	8.67227609	8.93666282	8.92175645
0.43756705	0.45802159	0.4769951	0.49482296	0.51135965	0.52070964	0.52999062	0.5434921
0.00162276	0.00161184	0.0015935	0.00160507	0.00161938	0.0016534	0.00163916	0.00165479
0.37862221	0.3791461	0.38656154	0.3729024	0.34304491	0.31063421	0.29005604	0.29209789

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1.17145132	1.20615595	1.24327957	1.25768405	1.2874644	1.31719264	1.35648276	1.38630439
0.00271046	0.00277337	0.00283676	0.00290073	0.00295192	0.00303018	0.00308179	0.00312843
0.00267725	0.0027211	0.00276262	0.00279757	0.00282876	0.00288071	0.00289371	0.00292198
0.24459773	0.25164867	0.2592354	0.25285674	0.24265345	0.23668009	0.23956123	0.25148655
0.69931435	0.70914504	0.72573244	0.73928663	0.75184883	0.75232887	0.75890731	0.76514234
0.12883964	0.13768586	0.14623738	0.15415045	0.15968515	0.16372257	0.16668488	0.16376388
0.15250978	0.15520745	0.15455215	0.15383609	0.15326415	0.15689994	0.15979719	0.1576806

10.2978852	11.3013994	11.2669327	11.2820708	11.7255279	12.0076516	12.2292231	10.8517613
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176.890213	173.84334	165.843123	164.625082	174.207295	168.327841	173.147272	175.584026
398.800856	383.822094	376.817853	365.909665	363.667867	368.092554	368.57116	374.587838
1175.0577	1156.36367	1094.28646	1029.9436	1046.21398	1027.99662	1028.13175	967.288718
221.30719	211.432861	201.388036	205.332963	204.128962	204.820302	210.622193	206.836386
787.925571	757.645174	750.602912	757.452334	772.032225	791.109638	805.839443	805.103274
7.2814144	6.18794399	7.79096952	6.3976928	7.10593251	7.02754079	6.81250313	6.84165401
247.299394	246.773749	247.404621	249.583202	252.852363	253.481057	252.638804	248.703358
20.2716123	22.2805347	22.4886325	19.9506403	20.5446295	20.5225018	20.6975719	21.2147577
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1.20762064	1.16322946	1.18114207	1.17950279	1.20794093	1.25796247	1.26645681	1.28605941
1.96562192	2.04541905	2.01946415	1.99970689	2.05150178	2.13257008	2.20065871	2.16262921
0.74445701	0.71991053	0.71157759	0.72801067	0.70608627	0.71861603	0.73298402	0.71536208
1.98961386	1.87113917	1.81482398	1.77218045	1.73583707	1.7317416	1.73483002	1.71737341
149.369776	144.464907	138.972301	133.20268	130.566395	130.128407	132.698213	133.399155
99.9883556	102.166451	103.351962	105.625807	97.9207084	99.6129457	97.8352023	93.1584585
137.587708	139.742362	141.709584	144.141005	145.189971	146.147845	146.318837	142.097872
6.5291143	6.56930794	6.69346698	6.31830854	6.46033965	6.47120852	6.54579624	7.302437
0.15549775	0.15077717	0.14466301	0.13799901	0.13461753	0.12605614	0.12646528	0.12456146
1.60562405	1.54365899	1.56104253	1.55642767	1.59314468	1.65779942	1.66655549	1.68982657
11.9606745	11.8731997	11.8365333	11.5621606	11.6094913	11.0757286	10.8252958	10.7575273
39.3284382	38.7681427	38.0082043	38.0116277	37.5399681	37.4091936	37.3112606	37.0687859
7.39638141	7.20634038	7.02631537	7.14333919	7.31078049	7.44132606	7.55815286	7.54328123
10.9832854	10.8480791	11.0889332	10.8612841	11.0568249	11.1608046	11.1728014	11.2274018

130.654267	133.739714	137.279671	134.22649	137.430842	136.881733	134.63019	135.033471
3265.96461	3231.36403	3349.87331	3292.2418	3317.82004	3350.07143	3421.0282	3434.20876
2413.00923	2463.48907	2504.344	2467.04334	2538.31567	2453.05128	2513.88144	2577.43266
6316.52584	6335.98693	6363.80307	6427.76819	6291.93037	6149.8989	6078.26567	6213.44046
13125.5374	13403.9608	13643.0255	13701.0065	13402.2602	13456.9323	13770.7801	14217.0224
2655.17155	2741.09268	2823.53361	2885.73636	2857.50977	2972.85186	3032.31128	3105.91041
7136.25502	7196.35749	7381.14584	7503.5418	7737.74941	7886.81162	8079.33978	8273.93317
16.4562437	15.7229196	18.13325	16.2052141	17.4501605	17.1615619	17.2353369	17.5725116
4289.71064	4318.20658	4352.70106	4368.92457	4394.85566	4439.14345	4461.50718	4468.03215
294.742937	294.805639	295.214356	293.984249	290.197243	287.284609	288.443049	284.051126
2861.69778	2899.87538	2855.37189	2881.43915	2849.83154	2829.8957	2898.52946	3003.17902
19.23232	19.4082487	19.5096636	19.5873	19.4185734	19.0015896	18.817032	18.8444281
10.2233057	10.9091861	11.2044894	11.5979204	11.9141222	12.7503009	13.3426787	13.8827753
10.0566715	10.5545382	11.1306834	12.2588235	12.0980026	12.7348861	13.1924301	13.7110255
31.6709418	31.0764099	30.623437	30.3949309	29.8395947	29.4559296	29.0485627	28.8322775
1460.93811	1474.6482	1505.24767	1532.06564	1566.78298	1598.12639	1633.53878	1674.56181

875.517725	928.525818	972.368709	1040.05262	1004.97542	1053.74283	1112.42279	1171.50308
1592.75742	1604.76712	1630.4965	1623.87333	1639.40045	1657.23161	1656.28392	1654.84203
69.0209543	68.3570076	68.6537674	68.8610748	67.7961193	67.0048751	67.8714698	68.006144
8.03557177	8.33068224	8.50574779	8.12916052	8.14860055	7.87744408	7.84953242	7.95810557
25.7694929	26.0186516	26.2364273	26.2935195	25.9724926	25.4822755	25.1236047	25.0202181
91.6278973	95.7722733	99.8017619	101.889014	102.267687	106.67081	110.203322	117.097677
275.646867	273.214829	273.439084	273.419815	271.346711	271.194526	273.216906	276.954147
96.37603	97.5973521	97.8505218	99.4216172	101.046226	102.448877	105.031232	106.862424
104.397453	106.208088	108.405054	110.214388	112.409298	114.734448	116.83983	118.735138

2019	2020	2021	2022	2023
0.15127616	0.06479523	0.04669237	0.02361712	0.01514237
0.06641904	0.06055238	0.04834761	0.04853619	0.04895465
1.70306166	1.92547116	2.12420446	2.27061584	2.40589407
0.06102381	0.05583809	0.04462857	0.04491143	0.04523671
2.29019976	2.66430447	3.21566629	3.31589199	3.4267435
0.05285238	0.05023333	0.04489047	0.04196227	0.0399305
0.24131904	0.26117142	0.13257619	0.13634761	0.14077022
0.04033333	0.04033333	0.03645714	0.03614285	0.029612
2.19046634	2.32246634	2.56739965	2.68747774	2.81820539
0.84322855	0.87209045	0.84123807	0.79637416	0.79146047
0.01733809	0.0200619	0.00534286	0.00381589	0.00301196
0.53711427	0.54863805	0.47719045	0.46893355	0.45224035
9.79314218	11.5229706	12.8319705	12.9799189	13.2291197
4.03479956	4.07686144	3.6940091	3.70353801	3.79282182
0.01398571	0.04279523	0.04310952	0.04838952	0.054695
0.33523805	0.34655233	0.36918089	0.38182216	0.39621453
17.131869	16.2811501	15.9153216	15.4808216	15.0615736
0.11942856	0.0827619	0.12209999	0.12883618	0.13597322
0.09810952	0.08831428	0.07328095	0.07442285	0.07612855
0.53009517	0.65790469	0.65140946	0.64543803	0.63956115
0.18967141	0.15567618	0.14399523	0.14449809	0.14500558
0.03567143	0.03237143	0.03174285	0.02577143	0.02226646
0.00392857	0.00565714	0.00345714	0.00355143	0.00364925
0.16405713	0.14891902	0.15897617	0.14714115	0.13589241
0.84024279	0.73427614	0.69457138	0.61926854	0.56596882
0.1091619	0.11450476	0.0561	0.05870857	0.05581714
0.18364761	0.20774284	0.18039999	0.18357427	0.18689105
0.20632855	0.15750951	0.11172856	0.10097999	0.09311457
0.4255952	0.47677139	0.54429044	0.54460473	0.54573027
2.7369569	2.81469021	2.79834735	2.78719551	2.76084867
1.12964754	1.33702372	0.97533327	0.91412555	0.88900607
0.08538095	0.08642857	0.07102857	0.07102857	0.07102857
0.33722851	0.40605707	0.4032285	0.43641706	0.47233728
2.51281894	1.9242142	2.09371894	1.98550877	2.23179712
1.91661901	1.83699996	1.56252378	1.45175553	1.43603287
0.07249524	0.10298095	0.08412381	0.08534952	0.08676645
0.1919238	0.19349523	0.14829047	0.14870343	0.14302606
0.44225236	0.56838569	0.4347095	0.43898378	0.44338214
0.09129999	0.09837141	0.07165713	0.06619163	0.06103191
0.16699046	0.16091427	0.16426666	0.16716737	0.17251768
5.94282785	5.58380886	5.84283264	5.91299359	5.89157552
29.1932099	30.9690811	29.2446479	29.9048363	30.5826652
0.17379998	0.18390951	0.17311903	0.17711046	0.17864804
1.62669022	1.62627117	1.60552831	1.65113036	1.69290489
0.35042853	0.12435236	0.11481903	0.06425047	0.03692899
		0.00062857	0.00071238	0.00080737
0.04567619	0.06531904	0.07165713	0.07181428	0.07143575
0.8354761	0.90304752	0.82850943	0.80056711	0.78257244
0.02880952	0.02147619	0.01498095	0.01479238	0.0146092

0.61804283	0.64292378	0.61060473	0.57885836	0.57346728
0.22047142	0.42559523	0.46048095	0.46006784	0.45240439
0.18369999	0.25121903	0.19648094	0.19833523	0.20024301
0.14923332	0.1025619	0.12822857	0.12822857	0.12822857
0.3873047	0.42821422	0.45634279	0.45512191	0.45512191
0.00314286	0.00398095	0.00314286	0.00314286	0.00314286
0.03231905	0.03184762	0.00538476	0.00532269	0.00526139
0.02440952	0.02173809	0.02676666	0.02712222	0.02694444
0.22633807	0.35419996	0.18301902	0.15831617	0.13707039
0.43319047	0.47404761	0.41108571	0.41281428	0.4146534
0.19328571	0.20952381	0.21125238	0.21027809	0.20940283
0.52611427	0.52616665	0.2535238	0.20539619	0.1668532
0.12230952	0.14540952	0.11324762	0.1126819	0.11213504
2.45645696	2.65058072	2.71092361	2.68062647	2.65114836
0.02409524	0.03808095	0.02063809	0.02082667	0.02102394
0.28296187	0.19155712	0.17442855	0.16359617	0.15542789
0.82190947	1.2537904	0.98999996	1.08678948	1.19669997
0.02037619	0.0200619	0.01691905	0.01691905	0.01691905
1.37788089	1.17469519	1.45446188	1.42315903	1.39988131
0.64601419	0.77785701	1.27013316	1.46064266	1.68004028
0.09564761	0.15316189	0.13770951	0.13673523	0.13577855
0.11345714	0.14451905	0.13729048	0.15867238	0.18464314
0.00623333	0.00560476	0.00529048	0.00529048	0.00529048
0.23414282	0.17626188	0.23597616	0.24666187	0.25794563
1.02834276	0.99623324	0.90063801	0.9035923	0.90656549
5.19818016	5.48878965	5.58705626	5.60273911	5.6200947
1.14719518	0.88298567	1.26468567	1.2249851	1.18528918
1.23446181	1.4984094	1.26929517	1.19707233	1.13891458
1.89776183	1.90519993	1.73270946	1.67954856	1.65279065
0.11701903	0.01267619	0.02540476	0.02540476	0.02540476
0.03650952	0.03478095	0.03383809	0.03368254	0.03206552
0.07778571	0.07495714	0.08003809	0.08783237	0.09704797
0.00157143	0.00178095	0.00178095	0.00181238	0.00184444
1.01749997	1.14248091	1.05599996	0.85535943	0.84421554
5.99494754	7.16639515	5.93119994	5.9681285	5.81098598
0.26787615	0.16300951	0.28898567	0.28335996	0.27787499
0.24241903	0.45759997	0.18275713	0.1704057	0.15966962
0.18390949	0.04808571	0.13749998	0.10401808	0.08004173
0.03829047	0.05651904	0.00890476	0.00714476	0.00625441
0.18134285	0.27185713	0.18652856	0.18845618	0.19042352
0.09816189	0.1272857	0.12901427	0.13017609	0.13005549
0.00335238	0.00335238	0.00272381	0.00267996	0.00267996
0.0198	0.01817619	0.01597619	0.01585048	0.01533099
0.04200952	0.0700857	0.03818571	0.03919142	0.04037593
2.20172829	2.29831876	2.18601402	2.14946498	2.10419055
0.06463809	0.09161428	0.03614285	0.03944285	0.04331089
0.88549994	0.91409993	0.87481422	0.86403422	0.85357367
0.00942857	0.00942857	0.00942857	0.00942857	0.00942857
0.20774286	0.1474	0.19789524	0.16508032	0.16514946
2.34713786	2.98581875	2.31057596	2.2690204	2.27027878
0.14750476	0.06914286	0.1188	0.11976094	0.11719843

0.12194285	0.28311902	0.13776189	0.12987332	0.12312928
3.07748559	2.93113316	2.70867127	2.74723716	2.38703956
0.28338092	0.3585476	0.60206663	0.62991233	0.66114696
6.73870394	6.80192772	6.35941349	6.34874836	6.31506711
1.82416662	1.91782377	1.79027614	1.83565601	1.77218291
0.17364283	0.14996664	0.14205712	0.12206855	0.10502274
2.89624737	2.56897126	3.07853317	2.75720641	2.63047824
0.7725666	0.88240944	1.39464271	1.41999151	1.55159719
0.18668568	0.16269521	0.20140473	0.2145733	0.22802638
0.06233333	0.0748	0.1003619	0.09696761	0.09627575
0.05183597	0.03802213	0.04140734	0.04112389	0.04312514
0.54809885	0.56227422	0.57909092	0.60673488	0.62306714
6.29181752	5.3547212	6.15406764	7.05218156	7.36917724
1.7002E-05	1.4089E-05	1.362E-05	1.3525E-05	1.4212E-05
0.77470779	0.74451869	0.79558226	0.7827003	0.79355813
0.14350405	0.14167745	0.1389344	0.13710828	0.14378052
0.56897775	0.53469615	0.6743415	0.77574825	0.79713415
37.5753422	36.3341527	39.7992486	41.2473686	39.9278243
1.99901404	2.18891527	2.33094562	2.21553566	2.39725971
0.03159406	0.0231747	0.025238	0.02506524	0.02628501
19.637582	19.2724169	21.4099152	20.7577757	20.5616735
8.42019338	8.42714581	9.4138129	7.94618868	7.43321032
8.42407818	9.25537016	9.6411171	10.2394461	11.2843511
0.05702971	0.05978586	0.06407438	0.05939371	0.05941459
23.8410185	23.4578318	24.7857965	20.865438	19.7144434
0.40537608	0.41012399	0.18589117	0.19357218	0.18756821
0.3524204	0.36945223	0.39595358	0.41231783	0.39952973
13.1960441	11.1892578	11.6451096	12.0042133	11.1031397
1.43702393	1.41146724	1.7034959	1.76719923	1.45161391
0.25216898	0.24859073	0.24414656	0.24190473	0.24187049
0.16455335	0.1207402	0.1315044	0.13060131	0.1369715
0.77584742	0.81230354	0.85552263	0.86789328	0.85737011
6.82158794	6.66252649	7.47278821	7.27805134	6.93086546
0.02484023	0.01822123	0.01984352	0.02094853	0.02226512
0.0332702	0.02650673	0.02738442	0.02719697	0.02852048
2.57661539	2.37782326	2.75123008	2.83577018	2.9179682
39.4822874	40.2788606	40.1100326	40.6381548	41.3407372
0.06919364	0.05083053	0.05525825	0.054874	0.05757468
0.16546882	0.1414359	0.08954243	0.08939568	0.09112901
0.09894529	0.10190924	0.10472254	0.10984206	0.11281715
0.12799665	0.11426933	0.13026412	0.14126163	0.14526057
0.02238406	0.02346464	0.0251478	0.02881782	0.03011319
94.3533489	89.5787304	87.9664993	91.9027306	90.4156819
11.9317986	11.0346016	12.3870546	9.96305604	9.76397824
7.79061867	7.3045921	7.68228093	7.96654303	7.98970697
619.64577	613.493577	591.175517	603.542229	648.631127
1.36368939	1.3232081	1.44811671	1.50796548	1.4611957
0.6691515	0.68553804	0.70475299	0.80760341	0.8439052
0.00017641	0.00017008	0.00016677	0.00019111	0.0001997
0.08097536	0.0715788	0.07418355	0.08500977	0.08883096
0.01686181	0.0173677	0.01784714	0.01871963	0.01922665



7.80586309	8.45617887	9.30431699	10.4220381	10.7828441
0.02537462	0.02660213	0.02851034	0.02642764	0.02643693
0.07428606	0.07787497	0.08346106	0.0869104	0.08421486
0.48918406	0.48309818	0.54546229	0.57142181	0.607335
3.09707914	3.07950041	3.22241648	3.19703305	3.36941886
0.03500933	0.02567886	0.02796512	0.02777369	0.02912527
0.55437758	0.52173329	0.48880033	0.51811635	0.5170648
11.4382589	11.2164914	11.6469481	10.6565576	9.6219122
130.078611	131.279672	129.39504	128.603068	123.633486
0.04872234	0.051077	0.05474083	0.05074198	0.05075981
0.00768194	0.0056347	0.00613637	0.00609437	0.00639094
4.09744363	3.95359415	3.97415328	3.71722187	3.66868971
1.87485308	1.65929138	1.8481825	1.835531	1.92485528
32.7834741	31.6118846	30.246551	32.7084371	30.8341663
6.61904742	5.99058713	5.97836117	6.1750006	6.59275866
18.8823037	19.156064	19.2937053	17.98289	17.6304745
0.04923765	0.04965461	0.05061735	0.04691972	0.04693621
0.02818198	0.02393837	0.02925801	0.03229856	0.03211569
31.2191162	31.3283598	32.5566477	30.3578335	28.6109651
0.70318176	0.68268343	0.62299958	0.57569388	0.53825958
1.74621806	1.51223823	1.55506538	1.44146691	1.44197358
4.0083902	3.94320438	3.56077534	3.44114403	3.16858088
0.2570889	0.26479976	0.27210979	0.28541229	0.29314272
0.00197228	0.00144713	0.00157598	0.00160924	0.00162418
72.9018448	70.372738	74.7482236	63.6899129	59.1680453
0.22047041	0.15707867	0.14616214	0.16749279	0.17502159
89.1244246	88.4609767	93.2148298	80.9081986	74.3996947
2.49130041	2.64765534	3.00857827	3.23189584	3.36934257
1.16622478	1.33001749	1.38319593	1.09104282	1.05720395
0.22679542	0.23775723	0.25481191	0.26534295	0.2571133
0.06428961	0.06428961	0.06428961	0.06428961	0.0674182
0.0444714	0.04661942	0.04996351	0.05202843	0.05041476
0.02529975	0.02652364	0.02842622	0.02960104	0.02868296
0.10334861	0.1007715	0.10776608	0.12348874	0.1290359
6.00585247	6.73805284	6.00170385	6.56921375	6.38349733
0.01394182	0.01022679	0.0111373	0.01106106	0.01159934
0.30319441	0.31695229	0.31987383	0.33167824	0.33663004
1.03265281	1.0356699	1.1911239	1.25745311	1.33648255
0.02111185	0.02111185	0.02111185	0.02111185	0.02130789
0.42590778	0.31949631	0.27861773	0.28449807	0.28713987
1.55729655	1.52181738	1.52146674	1.4605103	1.58989314
0.57974932	0.56625957	0.7117592	0.8077444	0.85851017
2.66108587	2.72912313	2.85812142	2.72699781	2.76421246
0.27375014	0.26471629	0.25994488	0.25816546	0.27072883
11.266715	11.887747	12.5772112	10.8085964	9.69625919
28.5786745	28.6708699	30.9388021	30.4820797	30.5628225
192.343218	188.694798	201.151601	208.840652	221.759053
8.66023668	9.21652157	8.70142403	8.11905183	7.49704191
159.45924	165.263746	170.196605	177.422013	180.948497
9.40197214	9.45259	9.70903717	10.9428395	11.6103897
0.54037917	0.53698693	0.60130925	0.55089749	0.51752766

1.71485852	1.64648919	1.57424633	1.65120911	1.63613282
68.7628204	67.0095131	65.2893405	56.9190245	52.2812494
0.39058413	0.37649662	0.36406896	0.36157677	0.37917254
2.86928278	2.64873831	2.60245539	2.57855889	2.57819387
124.706235	121.943929	117.281184	115.158866	109.051849
37.5784788	39.2710305	40.5670331	40.2955755	40.7176689
1.91649058	1.94330455	2.19799462	2.05052647	2.05124721
4.94835989	4.08256788	4.23015416	4.20654876	4.27389816
1.15676694	1.19379944	1.21964987	1.27927431	1.31392364
0.01152746	0.0118756	0.01220344	0.01280002	0.01314671
0.0116113	0.00851735	0.00927567	0.00921218	0.00966048
54.9913138	55.0612125	53.1944669	53.0998263	51.4201885
0.91274625	0.73218517	0.84026752	0.79868738	0.79047927
0.0705982	0.07844799	0.07857876	0.0824202	0.08465257
0.71144916	0.79097447	0.62026873	0.61457324	0.61448624
0.10475375	0.1098163	0.11769359	0.12255771	0.11875657
1.09425496	1.02574183	1.04264018	1.15099315	1.14447647
0.02897287	0.02125112	0.02314316	0.02298474	0.02410327
1.70063425	1.70394907	1.4276133	1.19151725	1.30902542
0.05883608	0.06167953	0.06610389	0.07116563	0.07336507
1.29664338	1.21799119	1.39809822	1.19047614	1.07070055
1.65798702	1.64410048	1.7016523	1.46938093	1.40167335
1.26345958	1.28023276	1.35345447	1.16569234	1.13899658
0.32586791	0.33273964	0.34391985	0.36006089	0.369711
10.5585726	10.5011468	10.9228074	10.9961991	10.904459
1.64423309	1.59857736	1.87771753	1.83092178	1.9228676
0.34089102	0.30677448	0.36777399	0.34090788	0.3410277
0.34049112	0.3507065	0.36038807	0.37800619	0.38824454
29.7562567	30.4124948	30.1926965	27.4792836	28.0446642
0.26202741	0.22199695	0.21838337	0.23285884	0.23846134
0.42954503	0.45030296	0.48260386	0.50254924	0.4869626
0.14536044	0.14491725	0.15068995	0.15570757	0.15260918
7.2282998	6.78639461	5.91447383	6.20352819	6.37153888
3.81013982	2.6983066	3.10969677	3.23543313	3.50459908
0.1204608	0.12296988	0.19638903	0.19122183	0.19334211
0.31407241	0.32924976	0.35286733	0.36745088	0.35605433
0.06330729	0.04629657	0.05528371	0.06330729	0.06638807
0.21980111	0.2021967	0.21778632	0.23082633	0.23090746
0.19736854	0.18382623	0.17527153	0.17174587	0.17870071
6.04102595	6.62706684	7.00647886	8.45239588	9.43250238
1.38688082	1.27251101	1.3054279	1.40538773	1.44882266
0.43091223	0.44383812	0.45609067	0.47838736	0.49134455
0.12149979	0.13973675	0.257498	0.26787919	0.25952214
3.34383781	4.35480374	4.79048866	4.98847328	4.83375501
0.64607867	0.66984037	0.73000699	0.77065833	0.8190933
30.0500972	28.488847	31.0934726	24.8886925	23.5378971
2.47486878	2.39293127	2.41540717	2.38017132	2.37183078
2.25757186	2.37125843	2.50298542	2.62289198	2.71089274
2.95500312	3.42958751	3.39666319	3.31971173	3.49636003
18.4793507	17.0985775	19.0210837	19.7679882	20.417311
22.351881	21.966486	23.0859416	20.2409768	19.0879776

0.76686864	0.73460208	0.7296296	0.77025993	0.81866985
4.30349832	4.27917988	4.76191181	5.07436336	5.21576023
11.3243315	11.3903214	12.1856603	13.3768311	13.9919096
0.0903769	0.09220058	0.0962093	0.10091264	0.10364587
0.86459773	0.64682107	0.64687086	0.6771662	0.69530541
46.7198194	47.7119773	49.2774064	46.1709766	43.3787068
0.63137961	0.67406233	0.67465008	0.66957954	0.70546814
12.8408463	12.3121423	10.0179084	10.4175685	11.3218381
4.06505299	4.03540245	3.96432998	3.76109951	3.418625
0.23370392	0.23181471	0.22607751	0.20582854	0.20773983
0.14925494	0.15373517	0.15797916	0.16570221	0.17019028
0.40755722	0.39305495	0.399305	0.46139469	0.48452413
0.21582497	0.21582497	0.21582497	0.21582497	0.21590083
11.2109921	11.4039942	13.1109942	12.0406612	11.440022
234.35706	233.190052	250.630009	260.53272	263.189639
0.1240762	0.14799627	0.16029686	0.14858707	0.1486393
4.85938473	4.76103092	5.07097977	5.46424754	5.70807064
2.93912726	3.19013024	2.94314225	3.05691717	3.09140154
1.94271317	1.46166714	1.32498924	1.22819797	1.22862967
0.51538547	0.53879242	0.58926718	0.60573691	0.58694989
0.58447365	0.58712602	0.6525762	0.72278644	0.73192143
3.3776E-06	3.1159E-06	3.1463E-06	3.3981E-06	3.4993E-06
0.04953689	0.05102309	0.05243163	0.05499483	0.05648437
0.06801464	0.07130286	0.07641752	0.07957575	0.0771077
0.90693447	0.69797319	0.66237683	0.6992621	0.74320989
0.06725626	0.07050543	0.07556289	0.07004298	0.0700676
0.00388385	0.00309431	0.00319677	0.00325077	0.00326684
0.01334381	0.01398869	0.01499212	0.01718004	0.01795229
0.56578895	0.57875246	0.56505887	0.57698465	0.58234244
4.50132477	4.26601417	5.02477879	4.56025682	4.35328712
1.17964137	1.19103422	1.07523305	1.07702862	0.9772015
2.51408803	2.41448481	2.36166779	2.04487962	1.97346126
0.108823	0.10711493	0.11554736	0.12439511	0.12823967
0.08570987	0.08985087	0.096296	0.10100358	0.10373928
3.37732404	3.08132472	2.9078232	2.88112273	2.88071488
0.01008021	0.00739383	0.00805212	0.007997	0.00838617
0.14374939	0.12958808	0.13172516	0.1509489	0.15773406
0.09515697	0.0666494	0.07015174	0.07305102	0.07078533
15.6914249	13.4714042	13.2630642	13.0877287	13.0552301
2.08346231	2.18342318	2.3338137	2.29563129	2.31796089
25.4268582	25.6491772	25.6790796	26.2729864	25.9676824
0.07905608	0.08142792	0.08367581	0.08776643	0.0901436
0.02606301	0.02684495	0.02758603	0.02893461	0.02971831
0.36567101	0.4231782	0.42652976	0.44331756	0.43850523
4.19973546	4.0146035	4.20866493	4.2795624	4.37409897
66.510726	71.4630664	71.7088329	71.0482462	68.317866
10.9116625	11.0250101	10.8584319	10.359373	9.97077506
0.67384108	0.76047172	0.88710763	0.82230388	0.82259291
0.604794	0.54898344	0.65482874	0.6069931	0.60720645
25.3193388	23.8438839	23.2030125	16.3058162	16.529368
0.88941794	0.89213212	0.8904151	0.91356663	0.93124807

589.779409	547.222379	561.826377	589.725336	593.486741
27.5524052	37.6459334	35.9819894	37.487138	36.8284246
0.0094023	0.00689658	0.0075106	0.00745919	0.00782218
2.97955433	2.29241721	2.79733186	3.17854176	3.74849354
0.00736061	0.00539947	0.0058802	0.00583995	0.00612414
15.1042762	14.538331	14.369182	15.4157574	17.3735644
0.03400344	0.03501902	0.03598574	0.03774496	0.03876729
0.05551215	0.05717762	0.05875606	0.06162844	0.06329766
2.74916551	2.50095722	2.47646795	2.4537283	2.45338096
24.3887808	23.3246196	24.1029386	23.7697413	23.6848379
0.31942226	0.37383141	0.299366	0.2761793	0.27627637
1.17855673	1.3046293	1.88778488	1.77230288	1.7895874
0.20942826	0.40478631	0.19162993	0.19214688	0.19559186
5.71006294	4.90883839	4.52310289	4.21328387	4.44186059
0.20577421	0.14086468	0.15399061	0.1399708	0.12482219
4.85834017	4.63166878	4.72875788	4.99885163	5.04960742
25.0497543	24.244398	22.7610192	22.8194936	22.9283482
0.23305566	0.20175327	0.22640669	0.21282409	0.2017302
47.2131546	47.3162283	45.9766405	46.1217411	44.9383039
6.48317902	5.76088715	6.15544776	5.7106523	5.70567476
3.71653471	3.01783042	3.13495415	3.19825637	3.519349
7.09298226	5.91277162	6.15130229	6.00794056	5.90578306
0.00432895	0.00411359	0.043734	0.04565803	0.04596967
1.31482571	1.28254383	1.35654354	1.33087496	1.32565875
2.2139464	2.1048356	2.49491243	2.59646065	2.62823503
4.09614566	4.0535028	3.74085218	3.65418212	3.74775044
1.1853E-05	4.0134E-05	4.9636E-05	4.7789E-05	5.7733E-05
1.09681906	1.82662183	2.10527099	2.05880416	2.05105262
3.2671338	3.01647777	3.02022228	2.86764222	2.89478169
0.00033493	0.0015586	0.00507786	0.00588725	0.00539629
1.03994403	1.10898724	1.14718474	1.21883066	1.30542316
31.3519038	29.6736701	29.9977993	27.842827	27.7818386
0.0010406	0.00074273	0.00065561	0.00063907	0.00066326
2.20289411	3.6072891	3.47111047	3.20005979	3.24443729
0.00269935	0.0025265	0.00214394	0.00203511	0.0019974
0.01864638	0.01667741	0.01873732	0.02280788	0.02344806
144.821279	133.716431	137.880145	142.652434	143.424641
0.37129086	0.37684299	0.32846423	0.41018136	0.38311935
2.70019275	2.34296517	2.90174615	2.58576588	2.42804467
718.42573	695.188183	704.213978	684.243903	713.511883
0.4116161	0.39350283	0.36563006	0.38527841	0.40052956
2.12877044	1.77372648	1.53808009	1.46953356	1.31295682
0.38797375	0.45052462	0.43758085	0.39889948	0.22132144

3.31327653	3.53656591	3.00984943	3.59571816	3.3025791
3.1098E-09	3.5176E-09	3.343E-09	3.4011E-09	3.4603E-09
7.6404359	7.46974827	8.89845862	9.28224075	9.75589836

0.00976362		0.0002181	0.00017728	0.00018284
0.30757678	0.48928147	0.50156008	0.3786643	0.43477961

	0.01929829		0.00163834	
6.3785458	5.82786622	4.54605297	5.74541332	5.83612159
30.9777179	27.5390183	30.0073592	27.5762323	24.0713486

2.10512364	1.66944586	1.81923003	1.76961958	1.75508648
0.19850918	0.34556318	0.39389472	0.34795447	0.38624917
33.7069139	33.4262835	30.3184112	30.1714495	28.4577857
4.15048328	4.21115269	4.80219612	4.94458906	5.70684117
20.9473555	20.336117	20.5110851	19.91706	19.1421742

21.1191377	19.2607838	20.5046117	17.8599761	16.6702609
4.58029537	4.33428955	3.86457938	3.83913999	3.79658888
7.8618E-05	7.0021E-05	7.4406E-05	7.7265E-05	7.9394E-05
3.5824895	3.40146132	3.26765245	3.17050199	2.92160755
4.7415E-08	5.3632E-08	5.097E-08	5.2498E-08	5.4072E-08

22.6989926	16.8114461	18.2590043	17.7985267	15.0395783
3.1189165	3.17699709	2.95168382	3.06098846	2.60999571
30.3911817	27.6459205	26.7492109	25.7592877	23.6536107
0.17629335	0.1864054	0.18036525	0.16231043	0.14484035
0.52035505	0.92677309	1.36268377	1.16726404	1.19348952

3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07	3.3805E-07
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1.2822518	1.52945444	1.2388844	1.12480371	1.00671082
4.21485099	4.10453043	4.56130527	3.90610726	4.06500303

0.00907227	0.00996959	0.01039965	0.01108778	0.01033075
0.30360956	0.27536346	0.26922885	0.24136374	0.25846212
1.1101E-07	1.1101E-07	1.1101E-07	1.0522E-07	9.6343E-08
0.00027103	0.56434903	0.28301434	0.38228285	0.27737002
0.2926898	0.24543517	0.22653723	0.23149383	0.14798373
		0.02170584	0.01788929	0.01845083
1.05871682	0.88046395	0.89949804	0.88535392	0.90473178
0.04793138	0.0173762	0.01705956	0.01188021	0.0130206
3.59491622	3.38069099	3.06004036	3.50444744	3.57543252
30.2420471	29.4756807	26.9038137	27.5292308	29.3371756
104.54099	94.644956	94.84572	125.267961	133.591237
0.52375266	0.55199192	0.50627367	0.47922763	0.43956073
77.4696012	77.5532851	87.0077939	89.0164586	97.3380304
51.6295036	48.2853075	49.0677171	50.75528	47.175311

2.25424866	2.29673323	1.83018909	1.92919108	1.96382441
13.7274382	11.5211888	12.4055233	11.9336292	11.4415287
1.0466E-06	0.01942702	0.00710638	0.00710627	0.00710628
0.49697392	0.44384197	0.37942328	0.4562655	0.50364478
54.1356729	47.5246414	49.287792	39.3205096	35.0589096
17.357886	17.6917663	21.9588045	22.0921893	21.9157331
0.14415679	0.0942086	0.05982387	0.06593398	0.07195132
2.5581E-05	3.0232E-05	0.02476675	0.00021729	0.0002002
2.126E-09	2.4053E-09	2.2859E-09	2.3517E-09	2.4194E-09
57.5079501	55.3994109	55.6184965	51.8702543	49.0789388
17.4848423	18.8599438	18.6495536	20.2811903	21.3513969
0.00569345	0.00701512	0.01053824	0.0087696	0.00953843
12.3842773	5.79611016	13.9132496	12.5878084	15.6371406
0.04133509	0.03694356	0.0281995	0.0305424	0.02683718
1.47777526	1.35556013	1.33340899	1.34327522	1.4655139
0	0	0	0	0
0.03563989	0.02535689	0.02444673	0.0242265	0.02400826
0.17239839	0.3218418	0.15556199	0.1464053	0.14782184
0.01352273	0.01278362	0.01012758	0.00746927	0.00746921
0.06936222	0.05823824	0.05628897	0.04539333	0.03714428
6.2797E-08	7.1031E-08	6.7506E-08	7.099E-08	7.4654E-08
58.7529103	56.0821969	57.4873505	58.604967	60.4074093
0.00768778	0.00682253	0.00603218	0.00672453	0.00700053
0.00071135	0.00014081	0.00173181	0.00173181	0.00173181
1.11625137	1.08642651	1.07812565	1.01099703	1.00796789
2.21215983	1.34806974	1.75451115	1.85243634	2.32012538
0.3543832	0.35187587	0.50527896	1.41984762	1.04507864
3.3288E-07	2.4344E-07	2.9069E-07	2.8226E-07	2.7406E-07
0.00052857	0.00053	0.00029216	0.00082094	0.00089776
18.6870998	24.6826547	35.7800651	35.7099433	33.5174948
7.9474E-08	8.9894E-08	8.5432E-08	8.5778E-08	8.6126E-08
0.07719028	0.09272295	0.17670888	0.15516004	0.15518151
28.6137747	26.4326943	24.0812589	20.6292846	21.2522659
0.09880866	0.10075919	0.11368701	0.09240924	0.09530993
13.7797544	12.0380796	13.3717826	11.9017432	11.2764982
13.1450198	12.7582823	12.4393917	11.7895192	11.701168
8.7597E-05	0.00013214	0.00013776	0.00014106	0.00012418
1.93735683	1.49416068	1.08416864	0.92035201	0.97732526
14.3893504	14.8183355	15.7011196	15.1709653	15.1702235
5.12774341	5.46097047	5.70021472	5.69624052	5.74609489

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1.5580931	1.19355628	0.80054743	0.78397053	0.79429411
0.00083607	0.00085948	0.00085355	0.00092447	0.00081233
0.41481819	0.84577355	0.4464314	0.4660667	0.43487825
11.5461716	10.8251874	11.3449633	12.4554799	12.2135942
0.00249875	0.00243979	0.00257011	0.00247463	0.00298884
0.32824156	0.31283956	0.26507417	0.27607484	0.25555691
2.20944935	2.07753108	1.66289484	1.98299095	1.79066702

2.7527E-08	3.1137E-08	2.9592E-08	2.969E-08	2.979E-08
46.6474801	46.7229201	47.5966962	46.7275867	50.6909886

3.37067828	3.07768555	2.88339103	2.94280324	2.6143844
204.435805	199.306155	210.609399	218.883116	233.192459
2.4679E-06	2.4048E-06	2.5628E-06	2.5621E-06	2.8192E-06
31.1772012	34.2534743	34.2912755	36.0682201	35.4118279
2.60344028	2.02362422	2.08745277	2.04631093	1.97933115
0.98200404	0.86737424	0.83669576	0.74749569	0.61002779
0.08168305	0.02772057	0.13133039	0.12691129	0.12777738
4.97004713	4.14409208	4.20930826	4.63612178	4.47459453
1.7741E-05	1.8272E-05	1.8885E-05	1.7531E-05	1.8727E-05
9.1361E-09	1.0334E-08	9.8212E-09	9.9193E-09	1.0018E-08

0.03415254	0.03385146	0.03280787	0.03734042	0.03367957
4.91685197	4.50275003	5.84489617	5.72370779	5.65794312
0.0158938	0.01569154	0.01329193	0.01228666	0.01115216
2.53870789	3.34824309	4.53762553	3.92227375	3.82135298
0.00122909	0.00120982	0.00130505	0.00130801	0.00129914

2.44836671	2.55305977	2.66629915	2.81661527	2.86179108
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0.36224318	0.32397095	0.3813737	0.46533388	0.44757493
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21.8968633	17.8698102	17.5776974	15.349698	16.2258141
0.01369704	0.01430507	0.02715461	0.02764541	0.02817721
8.44121532	9.64048782	8.6546687	8.51136812	8.59989027
0.07860997	0.06523011	0.05276533	0.06511455	0.03373782
4.8068E-09	5.4371E-09	5.1672E-09	5.3728E-09	5.5865E-09
7.75720198	6.32236999	5.20830741	5.11527487	4.79303082
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5238.13094	5376.57794	5943.08081	6093.1257	6472.94708
3.50099584	3.58981531	3.82021455	3.66088515	3.54798247
2.31823092	2.54470388	2.06272349	2.05758479	1.9032149
0.00479354	0.00471661	0.00181275	0.00207729	0.00217067

2.1308393	2.22512743	2.30100525	2.20364028	1.95343727
0.03025872	0.02949376	0.03027721	0.03175736	0.03261751
15.2794424	18.2888744	12.8244901	12.4254713	14.9469895
0.06459066	0.06637619	0.06744471	0.06251784	0.06253981
0.18909386	0.19430941	0.19743739	0.20559722	0.19922059
0.06510453	0.02084154	0.00502095	0.00466293	0.00495599
13.9121158	11.0583788	10.6540508	10.5568903	11.1931011
0.18102461	0.15730851	0.17087463	0.16970493	0.17796345
3.25110945	2.98929079	3.06463106	3.09434668	3.08806647
49.5309519	42.7347329	45.7688203	46.7229051	39.8682896
239.06244	203.956307	233.586429	229.639506	177.563788
0.12402185	0.12744456	0.12949615	0.12003638	0.12007857
0.03972142	0.03451813	0.03749494	0.03723827	0.03905043
6.6182152	5.68025604	6.73281385	6.05341974	4.84928262
12.4903041	11.7115076	12.1709102	12.255065	13.1855704
39.4432242	38.5285446	43.5370264	46.4164292	42.7795978
5.13598866	4.54530598	4.45273114	4.62980546	4.84232109
75.5806374	69.2721747	84.2608704	87.8877045	89.2782214
0.29410492	0.30879829	0.33214142	0.30787829	0.3079865
0.04068122	0.03455549	0.04223449	0.04662357	0.0463596
53.7334156	39.8935342	40.6227832	42.8745986	31.3388691
5.7595883	3.48721135	4.85143119	5.15873149	4.21155987
0.00415196	0.00440202	0.00467814	0.0043364	0.00433792
15.1720204	12.0834331	12.6478163	10.9844651	8.96925652
0.46134973	0.44968217	0.46162857	0.48419597	0.49731058
0.01019816	0.00886513	0.00962965	0.00869422	0.00940277
37.4290407	33.9996001	36.0186354	38.2852449	23.9413564
1.17354199	1.14674053	1.20899089	1.2458889	1.1893831
71.3062937	62.7134189	67.625738	68.9139806	53.8591031
1.34572201	1.22162508	0.98475407	1.05844884	1.10392476
5.83982577	6.36403547	7.36553758	8.29685326	8.04090987
0.14511799	0.10830857	0.11767556	0.12648189	0.13191615
0.57730374	0.59323893	0.60278886	0.62770133	0.60823308
0.52430926	0.52430926	0.52430926	0.52430926	0.54982425
0.11320117	0.11632225	0.11819481	0.12307965	0.11926231
0.06440007	0.06618035	0.06724571	0.07002489	0.06785306
0.57866472	0.55794366	0.58200307	0.54754044	0.47588307
24.3154175	18.1965972	18.8521035	17.626122	14.8438133
0.07208969	0.06264921	0.068052	0.06758616	0.07087517
0.08181233	0.08817233	0.08851912	0.09178577	0.09315609
5.55277791	3.86302372	4.08468682	3.05571981	3.47018416
0.17217617	0.17217617	0.17217617	0.17217617	0.18620783
0.92927344	0.9270796	0.92515569	0.8371292	0.90530872
30.2370528	22.5079112	23.7494398	23.3626739	23.6988378
3.47717669	3.28632262	3.06115694	3.3201492	3.53314698
2.85727379	2.84488971	2.93674778	2.70685986	2.51280784
0.86742791	0.83880347	0.8437998	0.83802368	0.87880526
10.895247	10.7528529	10.0231858	9.31074531	7.63857161
224.8024	224.939078	240.256059	254.638598	269.898788
1163.77478	1057.47323	1165.72175	1265.69459	1376.99352
9.01053412	8.4307993	9.96098957	9.61788904	8.43914033

148.09696	160.625292	165.932833	168.249314	170.524679
69.0538669	55.5316544	53.8651966	60.4779254	62.9109612
0.00493378	0.00176776	0.0025536	0.00305232	0.00286743
34.6857193	33.2798131	32.5690783	33.0844437	31.6707584
96.291698	86.5087573	93.1328068	100.683	84.0955928
2.88684894	2.16063096	2.20301672	2.15103568	2.44223128
8.61557404	8.22199656	8.10718258	7.84670896	8.13433405
497.762105	482.234838	481.885783	432.855219	397.903952
104.92211	104.01392	115.763635	112.296817	110.469711
1.24615338	0.70896433	1.18361593	1.12572421	1.12611989
2.10835588	2.33824412	2.81024409	2.5871618	2.63988099
4.4667993	4.43473898	4.03635348	4.20050839	4.54334479
0.02068616	0.0201671	0.02070281	0.0217149	0.02230305
0.06003915	0.05217721	0.05667693	0.05628895	0.0590282
316.589224	286.299364	295.815255	253.79676	247.556216
45.6257212	45.9419545	49.3401901	50.2178973	50.8748651
13.9936693	13.7241547	14.3936509	14.9646774	16.2859511
15.5007409	12.3303648	7.62528574	7.55526816	7.55419864
0.26664882	0.27400769	0.27841864	0.28992532	0.28093324
22.1954618	18.6098293	19.5523784	19.891126	21.0808684
0.14981156	0.1301842	0.14141115	0.14044314	0.14727767
9.65447643	9.43681489	8.27797995	7.56562395	7.11129288
0.14976621	0.15389941	0.15637686	0.16835103	0.17355409
0.83796935	1.29116547	1.42143806	1.20067717	1.21146629
0.2411744	0.22861442	0.23511722	0.19615742	0.18881635
1.84239995	1.38302612	1.4506969	1.02303105	0.96770279
0.71790723	0.7126899	0.70542014	0.72562365	0.74310546
28.8402784	28.3727032	30.2453031	29.4214839	28.8640137
3.34600799	3.60212518	3.87474587	3.67347547	3.98970276
1.52402783	1.21594746	1.65478461	1.6245449	1.6924726
0.61101526	0.5955684	0.61138885	0.64127752	0.65864661
139.599741	125.373923	154.471303	150.314546	164.851019
4.31493166	3.53928405	3.2558949	3.67002144	3.96576202
1.09339928	1.1235715	1.14165869	1.18884195	1.15196984
0.74816984	0.82107647	0.7785992	0.79142123	0.73684065
7.48372305	8.4903396	8.68705753	8.44045077	8.73478342
13.6188708	12.9762899	14.5325768	15.1124701	16.423415
1.61120579	1.48525106	1.49489314	1.58215827	1.62665784
0.79946578	0.82152614	0.83475102	0.86925019	0.84229025
0.51629801	0.37756836	0.45086233	0.51629801	0.54142314
2.42079449	2.19029054	2.4027839	2.31443115	2.47220443
2.55691367	2.22029798	2.03452433	1.56475087	1.71552429
112.364231	120.016637	111.215052	113.006597	116.864051
0.06806161	0.08588975	0.05555569	0.06305099	0.06383703
1.87500572	1.77730629	1.36077772	1.42189226	1.49776073
0.63521475	0.67505266	0.68838896	0.67950302	0.65217804
12.8661569	14.2718069	14.6486929	14.0310786	13.5983709
1.4144394	0.85182523	0.95539191	1.00859409	1.07198303
50.8344702	42.6342237	43.2225074	39.9639149	32.4451934
2.19740266	1.81066313	1.6611141	1.64126604	1.64140097
4.7988E-05	4.1022E-05	0.00002709	2.8414E-05	2.9184E-05

5.48298176	5.76419012	6.02763497	5.87846474	5.58913808
15.3121209	15.062167	16.2656931	16.7194304	17.2816624
53.4039921	53.3800698	57.4417868	51.3873463	47.6353064
4.82216435	3.60468911	3.51093255	4.16082356	6.37418533
11.4860967	9.35465414	10.5346784	11.5503966	11.8314693
71.4293184	72.079902	75.0632666	75.3687638	82.7434454
0.42114086	0.42963892	0.44831887	0.47023562	0.48297202
1.8132611	1.43265002	1.33842154	1.37562973	1.40859716
137.434849	127.127201	145.839146	143.698849	117.781202
9.56752653	9.67140837	9.76901651	9.68994513	10.6860874
15.8743781	13.8978975	11.6294691	12.0973494	13.1200679
13.437425	10.7718983	8.47319918	8.01301389	6.60494552
0.00174135	0.00164576	0.00169615	0.001153	0.00124696
0.26783971	0.26107245	0.26800748	0.28110943	0.28872332
23.8771081	23.8870198	24.5949777	24.7320934	27.103769
0.54860081	0.54860081	0.54860081	0.54860081	0.54879364
24.6776732	19.2525183	20.6391601	19.1200894	15.6372161
816.007634	770.863476	834.141	861.605345	881.853843
0.28188079	0.21872154	0.31386064	0.32142478	0.33562133
237.579201	241.107223	249.913591	252.839775	262.369193
38.2134237	39.5536984	37.5871386	36.8715397	35.0564439
4.8194172	4.75606388	5.12846947	4.75383166	4.75550259
3.67112615	3.23007307	3.74290662	3.73020461	3.59942816
20.8560384	20.506041	21.5354143	21.1715924	20.0029681
0.00524408	0.00479503	0.00515012	0.00567122	0.00580103
0.08889453	0.08664721	0.08894888	0.09329728	0.09582425
0.17313006	0.17791102	0.18077502	0.18824622	0.18240773
1.16433917	0.73583174	0.6597569	0.69685883	0.74118316
0.17119962	0.17592133	0.1787533	0.16569526	0.1657535
0.02008245	0.0189557	0.01953315	0.01986308	0.01996129
0.03396642	0.03490382	0.0354657	0.0406415	0.04246834
1.05715957	1.0573962	1.07369746	0.9693987	1.04840079
5.65743462	5.42470633	5.69301496	5.30232738	5.08828725
4.60109798	4.52191782	4.24999697	3.48767789	3.21081339
6.43812402	6.02250808	6.42271287	5.93157812	5.89877806
0.08199943	0.08071577	0.08707113	0.09891781	0.10011714
0.21817295	0.22419102	0.22780002	0.23893637	0.245408
11.5943656	10.9565708	11.2421899	11.0082549	11.2095631
0.05212226	0.04529453	0.04920068	0.04886388	0.0512418
0.36591155	0.32334114	0.31161204	0.35708816	0.37313928
0.1991931	0.23135473	0.29570479	0.28680895	0.27795615
87.8759029	84.6327156	82.4008123	79.2876393	80.1246438
1.85571936	2.06853167	1.79959336	1.64932484	1.68847764
15.8679394	15.8679394	15.8679394	16.2038126	15.8648217
0.14186706	0.13828057	0.14195381	0.14889344	0.15292624
0.04677038	0.04558799	0.04679897	0.04908681	0.05041633
5.18479696	4.85260191	5.0629225	5.02093723	4.70960123
9.40033925	9.12038691	9.33012355	8.57995468	9.37611344
133.750129	128.821709	143.703653	128.704705	131.075551
165.35874	166.687605	173.993239	167.584012	165.089158
2.63840565	2.33239648	2.77952489	2.96202508	3.04930026

0.07777462	0.05055226	0.04536878	0.04205457	0.04206935
80.3056261	78.0033914	74.2359105	51.4608077	49.9735046
0.18963113	0.534836	1.43665319	1.46716804	1.48120075
1699.59917	1524.90232	1627.20351	1580.18925	1463.28065
39.7154629	38.763447	45.4017339	47.6262875	47.6665813
0.04861696	0.04224841	0.04589187	0.04557772	0.04779571
26.7246247	12.6498492	12.1625078	13.5746318	15.6111253
0.03805989	0.03307712	0.03592965	0.0356837	0.03742021
153.919872	150.880807	142.387312	127.95523	155.30757
0.06101956	0.05946916	0.06104886	0.06403333	0.06576768
0.0996172	0.09709881	0.09967811	0.10455103	0.10738281
2.1987905	1.90294597	1.84325283	1.8160342	1.83175327
253.681858	215.513481	214.671351	205.347273	193.730371
2.31602248	2.37776524	1.55657882	1.69421343	1.88158142
4.90276514	3.76072651	3.87706653	4.25588937	4.74934831
0.00235892	0.00132712	0.00141526	0.00141059	0.00140741
0.24725676	0.10113579	0.08849234	0.08797256	0.08789674
1.66062115	1.73325734	1.88509615	1.88548715	1.87146165
2.2781E-05	2.2946E-05	2.2543E-05	2.2551E-05	2.401E-05
0.80685144	1.09801731	1.08966852	1.09032161	1.09045632
0.04429633	0.03487563	0.03634602	0.03847642	0.03714057
18.403533	17.8782667	18.3925831	19.0596785	19.258051
10.9781927	10.063618	10.5743724	11.0803059	11.042435
0.28377112	0.33447289	0.39071436	0.39033428	0.39166092
0.00170944	0.00087579	0.0009308	0.0009202	0.0009096
14.2585293	14.1616432	14.3222584	13.8304131	13.5968853
5.06087346	4.88069153	5.2288456	4.87719613	4.74754888
1.66347607	1.57364613	1.65978027	1.66996956	1.68571187
0.08431734	0.13524533	0.12747986	0.13168641	0.13561892
9.31743898	9.32650574	9.47451047	8.91823829	8.29556138
0.93535379	0.95927215	0.93985229	0.93993971	0.94022137
1.13165754	0.90408678	1.2364314	1.23836883	1.2402526
13.786713	13.3314721	14.236853	14.2489194	14.3152633
4.7342292	4.39826249	4.66574389	4.58824937	4.49070093
3.55482514	3.82000109	3.83445913	3.82915407	3.83939405
0.00774963	0.0043157	0.00459752	0.00474253	0.00489101
1.13938645	1.00052209	1.05114738	1.00023579	0.98972968
5.01722904	4.81367256	4.71565708	4.39266451	4.38918884
0.00195249	0.00124457	0.00131071	0.00134382	0.00134964
0.00178353	0.00090279	0.00091771	0.00091921	0.00092094
1.5834017	1.29234538	1.40741839	1.40870705	1.40927486
41.4637823	42.0469175	46.156082	45.0215454	44.2706041
0.09398568	0.07034722	0.09238172	0.09230554	0.09223541
0.12592693	0.10548821	0.1093879	0.10920519	0.10912221
0.90956741	0.65099266	0.7533363	0.75314521	0.75298031
0.11903493	0.31162081	0.34731903	0.34725341	0.34769969
0.01287258	0.01001112	0.01018481	0.01041956	0.01058667
30.1413278	29.3589041	30.1118288	29.54271	29.246707
2.68782635	2.57421313	2.67061144	2.58338953	2.54886177
3.35845832	2.92689865	3.20096586	3.18714349	3.16058427
1514.47631	1562.90221	1561.9761	1472.26664	1454.06699



2.23016594	2.25639236	2.27883783	2.29240913	2.28524991
1.34685988	1.60677628	2.02618153	2.03086449	2.03276271
0.75541202	0.67823649	0.79061079	0.79509762	0.799674
0.29700167	0.24349244	0.32186994	0.32209771	0.32233008
0.00026723	0.00027771	0.00027852	0.00023259	0.00019548
5.7094678	5.25163342	6.08704634	6.11261036	6.16989553
0.0026437	0.00211409	0.00214318	0.0022419	0.00234767
0.00341379	0.00293937	0.00294777	0.00307405	0.00320492
0.51640326	0.42695486	0.42262475	0.42311427	0.42481796
0.73446205	0.59489039	0.51995055	0.52247799	0.5254773
0.00141703	0.00087896	0.00093956	0.00097023	0.00100347
0.80975588	0.90578934	0.89019082	1.14157203	1.14201457
5.10696319	4.92053689	5.30903622	5.14944397	5.06836816
42.4260305	43.1678173	44.1717509	39.6561637	39.0806066
0.10101622	0.09673589	0.14363631	0.14368197	0.1437266
0.00164661	0.00142811	0.00144248	0.00143804	0.00143657
1.58680504	1.6144019	1.60501125	1.58643962	1.57610902
2.17054921	1.98671206	2.47918873	2.47929952	2.48021609
15.9697284	14.4089728	16.2709229	16.3075145	16.2596334
2.23070361	1.99068967	2.15087987	2.14781861	2.14524326
35.01557	33.5379824	35.8531553	34.7901448	36.6961915
0.08484492	0.07353184	0.08162292	0.08182581	0.0820308
0.00154085	0.00127559	0.00125679	0.00123567	0.00122195
20.064731	18.393381	20.4489644	19.4974933	19.02074
0.41775602	0.1591999	0.17134992	0.16878773	0.17051019
4.04547447	4.03496598	3.96416348	3.96994762	3.9754444
3.08670214	3.07015212	3.20245652	2.71510685	2.65316491
0.05956682	0.04507393	0.04635462	0.04576125	0.04526817
9.3032E-05	4.8295E-05	5.1724E-05	5.1161E-05	5.0604E-05
21.0552671	20.1696546	20.9575002	19.9738678	19.4437949
9.4733E-05	9.5304E-05	9.5508E-05	9.7597E-05	9.7728E-05
0.22498471	0.21068874	0.21172541	0.21193173	0.21214235
13.2176868	12.6397627	12.7679239	11.3123297	10.8467343
2.14505101	1.95023465	1.99936144	2.0011769	2.00245535
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7.684E-05	6.2015E-05	6.5601E-05	6.5616E-05	6.5631E-05
0.6232283	0.63085287	0.65105351	0.65193823	0.65277856
0.1265622	0.12570842	0.12571062	0.12571059	0.12571057
0.00583816	0.00487061	0.00497351	0.00514168	0.00531522
0.005295	0.00411616	0.00419157	0.0042756	0.0043604
0.9427678	0.80839295	0.89320597	0.80865474	0.70155644
4.74401318	4.1106028	4.3350042	4.69694353	4.63237751
0.00072783	0.0004891	0.00051218	0.00051549	0.00051591
0.00056548	0.00011341	0.00011416	0.00011453	0.00011473
1.21765402	1.34234596	1.42226972	1.42525373	1.42918773
0.03784939	0.03553731	0.03938113	0.0393932	0.03940384
0.15886823	0.1545885	0.15459249	0.15459844	0.15460493
0.70867981	0.62510522	0.62539932	0.62695466	0.62806883
0.69962432	0.57783879	0.63796809	0.6380952	0.63817019
2.46241786	2.65428356	2.42508412	1.94639673	1.9547805
0.30825369	0.31389809	0.29795386	0.30657204	0.30027353

3.84976668	3.9432094	3.9084945	3.16545399	3.0135838
51.0938581	47.4911746	48.7916862	48.6038287	47.913348
194.825487	177.473291	203.037252	218.778092	233.478008
1.14845628	1.22686522	1.38529968	1.32603751	1.31566549
55.7833042	60.352335	58.1914189	57.2355967	60.3696748
12.4458474	12.8089478	13.2657655	13.2731733	13.2817464
1.5333903	1.58138762	1.67425506	1.67429138	1.60154565
3.59883688	3.65977685	3.84889909	3.85724836	3.83951719
20.3529344	19.337559	22.5876593	20.0780909	19.5468515
0.37657088	0.43838252	0.45299453	0.45300227	0.45300967
1.61282091	1.53492076	1.7134099	1.71286697	1.71094635
71.0555516	63.2406057	67.6770351	66.7779846	64.0868028
12.9275151	14.1062092	14.0313776	13.5043141	13.303172
2.72060135	3.20103967	3.87515066	3.86663975	3.86009373
0.90837866	0.85632606	1.10822871	1.10839808	1.1086721
3.07521216	3.28097537	3.60931975	3.6092007	3.60986362
0.00043496	0.00037679	0.00038052	0.00035643	0.00033694
0.00048682	0.00034916	0.00037076	0.00036864	0.0003663
48.3216952	52.4473156	55.9325331	55.8519115	54.9472098
5.52721794	5.68961737	6.16467876	6.60185759	6.77499705
2.14571092	2.53099538	5.90231646	5.90223683	5.90224794
1.46927436	0.90935639	0.84249346	0.84250525	0.84325668
0.14866291	0.17473564	0.22148996	0.22189648	0.22231809
2.75748747	2.31974131	2.6943282	2.7603669	2.77472098
0.001442	0.00094593	0.00099454	0.00103417	0.00107284
1.24870749	0.97267873	1.42831617	1.42840202	1.42853782
0.00649783	0.00537637	0.00541452	0.00555315	0.00569368
2.69651517	2.63345424	2.41329433	1.84136337	1.86436236
0.51311228	0.48064889	0.46101782	0.45334855	0.45475002
0.61781497	0.6103698	0.60581845	0.59421145	0.59221477
0.00672295	0.00574274	0.00578764	0.0044213	0.00347658
5.33849778	4.81352231	5.46120898	5.47962034	5.47285775
0.63130201	0.60994654	0.64414505	0.64193993	0.64250687
0.11907797	0.11669955	0.11874742	0.12014675	0.12156317
0.00581258	0.00578279	0.00582491	0.00526363	0.00477032
48.2029815	54.8713624	59.2353891	57.3139903	57.4379784
0.67991673	0.74374663	0.74870474	0.71719439	0.71972359
0.60659525	0.65202701	0.69072464	0.69194517	0.69380823
0.01322723	0.00903634	0.00983909	0.01097294	0.01147014
2.39660577	2.76593803	3.03939083	3.01754118	3.01000581
0.47159286	0.49881532	0.53837885	0.53992008	0.54043109
2.04195443	2.05430391	2.16843712	2.19314182	2.22352139
0.4099846	0.39560344	0.40675719	0.40789048	0.40912847
0.06660965	0.06538659	0.06563461	0.06585174	0.06585158
0.01819243	0.01442034	0.01409233	0.01535003	0.01536213
0.16284158	0.26266926	0.32254144	0.32366629	0.32494536
16.6952256	18.4565767	19.3729552	19.4872661	19.651958
0.4385278	0.37388726	0.3966096	0.39523236	0.39530172
0.04237911	0.03889529	0.03716287	0.03581916	0.03477324
0.18697887	0.17815905	0.19944895	0.20094725	0.20250583
11.6028922	12.8316316	14.6107493	15.6658283	15.6326057

0.30936286	0.27894529	0.27998778	0.27925374	0.27873366
11.2199928	11.3096221	11.1505253	10.9371388	10.7541896
7.90077651	8.13467312	8.51624448	8.58862393	8.37687738
3.5550215	2.96639843	3.23209106	3.2326882	3.2332237
2.81650116	3.45905303	3.1587688	3.1207595	3.19677586
12.0861377	12.7522576	13.2773232	13.6428163	13.7706718
21.6117528	23.2237381	25.2467211	25.239466	25.2179288
0.53448768	0.29650699	0.32169345	0.32178152	0.3218836
4.6382241	3.9836873	5.4550573	5.47234846	5.46347212
11.9677699	10.1982297	11.7025101	11.7395857	11.7731534
0.00069377	0.00062242	0.0005449	0.00046281	0.00039344
0.13189682	0.12122468	0.12947049	0.12631897	0.12454267
19.1005408	19.2379905	19.2967249	18.3223553	18.0118852
0.23840153	0.1900266	0.13757879	0.12683584	0.12651376
2.59860624	2.58522479	2.6868798	2.69062482	2.69032641
4.09197837	4.15688352	3.92928566	3.90107294	3.78602518
0.61338267	0.55835067	0.59674641	0.57544733	0.57108383
0.00502935	0.00271604	0.00273398	0.00226454	0.0019001
15.6387299	15.7506713	16.1691705	15.2060449	15.7835494
0.10573782	0.0914909	0.09619295	0.09620227	0.09621311
9.42008544	9.44090197	9.20988644	7.70439975	7.53521442
112.46289	111.935095	116.488428	109.386004	109.174133
0.20587489	0.21557333	0.28620321	0.28663507	0.28707122
75.9269623	81.3545097	81.0443845	81.9404048	83.3146838
1.55984667	1.52945449	1.63765207	1.64469998	1.65314369
1.17458152	1.07037699	1.03351227	1.03550479	1.03768649
2.68574766	2.78944995	2.96058109	2.96143053	2.96227389
10.7847944	10.1808557	10.1030018	9.72296978	10.8653496
6.1395E-06	6.1808E-06	5.9956E-06	5.9933E-06	5.9911E-06
0.00216003	0.00182859	0.0018542	0.001728	0.00163227
0.15224859	0.14966623	0.15583347	0.15615541	0.15646969
0.50567399	0.39366405	0.42148803	0.42097179	0.42056861
0.03734729	0.02969562	0.03046901	0.0313889	0.032367
0.00012829	0.00011455	0.00012532	0.00012315	0.00012104
0.00084279	0.0007115	0.00071896	0.00074679	0.00077887
0.02110288	0.02014669	0.02016379	0.02016967	0.02017577
4.32072108	4.09811695	4.69009041	4.0391404	4.05975638
1.51448358	1.40510145	1.48118617	1.46877839	1.4616987
4.08673223	4.17893033	4.31604582	3.99822937	3.87623143
0.00303033	0.00257468	0.00263784	0.00270666	0.00276671
0.00277494	0.00261302	0.00262117	0.00271405	0.00280583
1.13981866	1.20053488	1.24837972	1.24800359	1.25146709
0.00031586	0.00027972	0.00029678	0.00030052	0.00030284
0.21344572	0.19779044	0.24666113	0.24816267	0.24971014
0.66281958	0.62459427	0.66445324	0.66511978	0.66518916
29.4014283	29.1178952	29.4923863	29.2813033	29.8747432
2.04899774	2.02564174	1.92158864	1.92534137	1.93662533
2.29672845	2.12728396	1.69597213	1.96712916	1.99284236
0.00430206	0.00341887	0.00347027	0.00328816	0.00315476
0.00062536	0.00057836	0.00058234	0.0005307	0.00048523
15.096325	14.1667709	13.8497125	13.0160438	12.9548364

3.20570794	2.84172882	3.31296258	3.30519964	3.30701488
41.6361589	51.0144932	54.2197205	50.3654655	53.1203854
18.8211879	18.4947221	19.6831762	19.0596693	18.4780436
2.70336335	2.67269205	2.67981115	2.68396689	2.68767441
1.40915052	1.65108931	1.84563086	1.84800231	1.85093033
19.7393234	20.688736	22.3184048	13.6501971	13.3696291
0.31980744	0.34961309	0.37881175	0.37625423	0.37607696
157.359621	156.863589	158.242547	163.128068	162.521091
8.18578264	8.18253561	10.007994	10.0247598	10.0103583
0.00067057	0.00039379	0.00041026	0.00040305	0.00039622
4.88291096	3.91297027	5.0116384	5.26393725	5.36677505
0.00039645	0.00021605	0.00022904	0.0002241	0.00022075
47.4514541	50.0429145	51.6522868	53.4233683	49.3189885
0.00115186	0.00101385	0.00103041	0.00098753	0.00095144
0.00127309	0.00117667	0.00118796	0.00103199	0.00090755
1.24706225	1.11005661	1.19210992	1.19318707	1.19432523
17.2923735	14.878323	17.1417491	15.8174062	15.7667917
1.34001086	1.48664119	1.46337032	1.464167	1.45751919
0.93272345	0.72547472	0.76270132	0.76414711	0.75634576
0.20637159	0.15371808	0.1705937	0.17490595	0.18635919
1.88972934	1.96610256	2.11417536	2.24719675	2.34115471
7.93388629	3.89975438	7.09004963	8.13340125	8.49671764
0.02535203	0.02092292	0.02016208	0.02002407	0.02099852
625.141435	298.655678	331.317425	411.474866	491.632308
2.1869356	1.53246945	1.74868806	1.6680556	1.68193458
1.28507046	1.02980452	1.11510861	1.16923847	1.22613829
35.7783822	30.7090545	36.2537234	42.0723862	43.3676644
47.4693702	37.766197	46.9493503	49.2634239	47.4453562
2.05881781	2.26104874	2.36613778	2.38452421	2.47441522
0.12578363	0.09369202	0.10397781	0.10660615	0.11358695
97.04085	90.504375	87.6070098	89.2177872	95.6792325
24.8297896	21.672049	22.3340246	21.1922017	21.1419136
8.41878254	6.85114812	7.68913443	8.06847914	8.32021024
0.40081699	0.42571653	0.43375838	0.40562309	0.40630765
24.9596911	20.7635799	22.9231876	23.1126272	21.9508654
5.91063318	6.17067597	4.23903865	4.41486196	4.27789736
2.47688566	2.63075462	2.68045005	2.80691014	2.72548309
11.7676031	10.4308126	11.6003926	13.2600179	11.6489725
9.50796045	8.93571213	9.61511672	9.53636636	9.40780219
3.7402125	3.29406671	3.50266839	3.50855123	3.5206615
0.65494619	0.48783577	0.54139182	0.55507706	0.59142475
4.01469081	3.63628191	4.18016057	4.33488217	4.39996504
11.8019978	10.6140063	10.3895069	9.63048848	9.68195011
0.09889498	0.07366586	0.08175312	0.08823748	0.09499913
0.13245675	0.10716297	0.11282084	0.11567271	0.12324722
10.8391406	8.74690821	11.1754384	11.5907531	11.9119467
193.16556	182.607325	200.165872	212.576952	216.835344
0.27442861	0.20440478	0.22684494	0.2325791	0.2478089
1.32229261	1.20319443	1.15218074	1.20850685	1.24123943
0.34496016	0.35901315	0.3860789	0.41041571	0.4275869
2.35820419	2.13119227	2.15569688	2.32142114	2.39384049

0.15731995	0.16708444	0.1702407	0.19571742	0.20452171
177.499108	148.704091	156.929207	164.247849	166.353503
15.7621325	14.4478658	14.6238519	14.4443972	14.6636044
28.7349922	25.4659718	27.8141749	31.1984749	31.9471479
944.372282	901.96149	969.447854	929.086321	1077.76149
4.23565728	4.1619751	5.03431767	5.32390872	5.1627996
3.42018037	3.42391037	3.55935699	4.08062633	4.26705952
2.18829606	2.32094058	2.27566832	2.69062084	2.77084369
1.27002523	1.18871783	1.2072598	1.39318464	1.45828138
0.05878656	0.06118417	0.06579678	0.06994434	0.07287071
31.2943043	26.951328	34.5743729	36.0945981	36.7000289
0.17833826	0.18942551	0.1930038	0.18048481	0.18078941
0.52209829	0.55452351	0.56499857	0.59165446	0.57449086
5.96831315	4.9903468	5.68993407	5.70687703	6.0685756
1.46627431	1.20751302	1.16855722	1.16146234	1.22068355
0.13938066	0.10381601	0.11521324	0.11812558	0.12586071
2.03543557	1.77239266	1.90435964	1.88036278	1.87717568
18.8900993	17.5907957	18.8331677	19.3175561	19.3862086
160.038581	142.451963	147.24322	147.707072	139.721155
0.34243097	0.36370345	0.37057388	0.34653699	0.34712184
0.03058367	0.0227803	0.02528118	0.02592024	0.02761755
12.0384457	11.0475647	11.1979292	11.1572488	11.2365883
7.64216599	6.86343211	8.00541159	7.97738274	8.38227051
45.6033506	40.4658623	43.3214743	44.4737619	46.5577627
19.4569572	15.8337252	19.1629155	20.431268	21.8913886
51.9606002	54.4294078	55.1136724	52.7676413	51.9231616
0.22310481	0.217659	0.22513285	0.20977099	0.21054443
0.12047749	0.1018404	0.12438172	0.13753721	0.13705543
93.5810074	73.7893556	86.5391315	92.9328886	92.1021448
2.43461732	2.25990404	2.37837811	2.46015444	2.3550518
7.52768222	6.89176474	7.15088682	6.63251733	6.63743462
11.1148073	10.3243792	9.87085228	9.66102026	8.95866301
0.89630773	0.93285549	1.00318279	1.06641929	1.11103671
0.00785212	0.00585055	0.00649285	0.0068138	0.00703173
125.363452	106.002097	118.913996	123.369607	122.214618
0.19852379	0.16945717	0.17679448	0.20306224	0.21296019
118.589815	94.5307667	104.323073	107.003307	108.480924
3.90167877	3.77266012	4.16557271	4.34883946	4.43678455
8.51278169	9.16073183	10.0498501	9.32021753	9.03550096
0.5715875	0.53043292	0.52831161	0.54780808	0.5559866
1.59396655	1.6929954	1.72497639	1.80635849	1.75395694
0.37000656	0.37000656	0.37000656	0.37000656	0.39225326
0.31255449	0.33196243	0.33823329	0.35419069	0.34391579
0.17781205	0.18886661	0.19243433	0.20151313	0.19566733
0.5201752	0.4326956	0.44102794	0.50685471	0.53205416
17.5506772	14.8361042	15.9517621	17.6215278	17.5708191
0.05550576	0.04134545	0.04588447	0.04704433	0.0501249
0.09626899	0.07854787	0.08540995	0.09544796	0.09566748
9.36500292	8.56499912	10.2619897	10.8357744	11.5178062
0.12150522	0.12150522	0.12150522	0.12150522	0.12451623
0.88426078	0.86843601	1.00883171	1.03108994	1.04123514

8.1881033	7.83078661	6.90967362	5.19480961	6.45183249
4.21553698	3.53480627	4.59733796	4.65892579	4.95745447
6.51065552	5.70551964	6.16217056	6.74357716	6.89181993
1.46908377	1.42060542	1.39500259	1.38545328	1.45287498
14.3387926	12.2709089	13.5999752	14.6828538	14.2510088
149.478095	126.816364	135.667354	147.556753	149.538491
308.456133	268.663554	295.093359	323.609019	339.760569
11.8293055	9.956544	10.6207039	11.2571498	11.1129309
143.975834	128.442414	134.163075	140.350589	138.69898
34.4341665	28.6972852	33.4507909	37.7251437	40.0312323
1.01262992	0.84788015	0.87481046	0.95036613	0.89697547
18.1325917	16.2970816	17.3449923	18.6766184	18.4151219
100.918687	80.6748255	98.2404526	104.012771	102.726792
2.4614083	1.68266114	2.3094533	2.29549385	2.41091924
8.47634763	7.12529426	7.93174096	7.86836012	7.87037793
200.358997	181.229623	183.23505	186.586455	179.63295
16.3445412	20.6928408	22.647864	22.2068025	23.5608432
10.7315231	10.3994882	10.8215974	10.5947461	10.614845
1.12823966	1.37871136	1.62606804	1.70474027	1.71583703
6.3112196	6.69920667	6.84977723	7.18081299	7.36421343
0.04018903	0.04183622	0.04499023	0.04782623	0.0498272
0.0462274	0.03443444	0.03821475	0.03918074	0.04174638
106.220622	98.9398864	103.232147	106.587616	106.125149
16.0491579	13.1366891	16.038298	15.2446523	15.0879831
2.4653015	2.44395126	2.49322852	2.61580378	2.68751775
8.42025108	7.22670832	7.13054118	7.06506648	7.06406636
0.73623167	0.78196781	0.79673932	0.83432842	0.81012497
17.0637966	16.6708888	16.8554273	18.6103529	18.5102198
0.11534805	0.08591527	0.09534731	0.09775749	0.10415887
10.1974947	8.88997319	10.194881	8.59549904	9.43710953
0.41351254	0.43920075	0.44749732	0.48405895	0.49920758
6.27176673	6.11019864	6.09214649	6.10200748	6.20045804
6.20373835	4.66674354	4.98820378	4.32692779	4.19834109
3.224676	3.03192402	3.12567941	3.0688736	3.06383032
1.11492251	1.15941707	1.24698012	1.3253348	1.38072284
18.9526942	16.6399417	18.6407535	17.5323659	17.3964428
2.1620395	2.01699986	2.23215861	2.34125708	2.35898584
1.39187646	1.19202441	1.41695354	1.36016094	1.35623329
1.18707895	1.2354939	1.32863691	1.41238869	1.47148096
150.133416	107.111347	105.288411	128.052391	130.211429
2.30684129	1.95080295	2.25855065	2.46359274	2.4893825
3.01893401	3.20646755	3.26703831	3.42117285	3.32192635
0.71796646	0.59483326	0.63189079	0.73966057	0.72312009
6.3551622	5.86887355	4.96088369	5.19635919	5.36445418
2.7245763	2.78583389	2.69195895	2.82519937	2.90688298
3.59386616	3.27586449	4.16828432	3.9206676	3.92537599
2.20736785	2.34448532	2.38877308	2.50147223	2.42890578
0.364353	0.26645108	0.31817484	0.364353	0.38625978
1.20212203	1.01227166	1.03207832	1.14481413	1.14378114
0.75652398	0.80352072	0.81869937	0.76559529	0.76688737
64.7800103	50.1614927	49.0110557	59.2585095	66.3484599

2.04730145	1.87289665	1.91735336	2.09058225	2.14683557
1.50232066	1.56358461	1.68146215	1.78745457	1.86223905
1.16956903	1.12936805	1.25288751	1.30597411	1.26708321
58.8388688	50.5134861	57.2135283	59.6820635	57.857351
2.15409017	2.17053022	2.42472298	2.55144373	2.723828
29.4186354	24.9536726	25.10166	24.9398446	25.4900853
13.5958473	12.8250666	13.3267568	13.7387246	13.4937769
2.49491947	3.96689735	4.3763567	4.61186052	4.7637875
16.1814257	13.8196183	14.6515777	14.8640543	15.9996253
12.0908198	10.0525465	10.4050103	11.8959908	12.2175841
45.901959	52.7732786	55.8824453	54.0555075	43.3747964
5.10744063	3.66862661	4.91982353	5.27792288	5.64628073
25.5654512	19.9161652	21.5476492	23.1808095	24.0271246
36.9061616	28.4553252	31.7787937	34.8474632	36.4537277
0.67134799	0.66744743	0.69373036	0.73190629	0.75555654
2.97268247	2.24973098	2.34342187	2.49064788	2.59473036
64.2933317	61.3837074	66.4286011	67.715111	67.9125232
2.09113995	1.86099728	1.97833141	2.05318822	2.19842461
5.39843872	5.21536664	4.41511711	4.60204209	4.92637804
17.196714	14.330496	15.4493762	16.4197463	15.7813559
7.3764434	6.90634878	7.8604008	7.10143795	7.16770065
0.52035834	0.54158921	0.58241924	0.61913254	0.64503614
12.3309354	11.4528353	12.1828923	14.0772637	14.7829484
1.29643858	1.29643858	1.29643858	1.29643858	1.30891641
18.5506489	18.0007773	19.177062	20.7484126	20.7787874
256.101723	234.015498	253.525274	257.894942	261.62069
0.61052346	0.58086678	0.64311704	0.59613695	0.59634648
136.432417	122.318384	128.220196	139.068661	145.488578
9.0004046	8.54003276	9.81619573	10.1820927	10.3332716
12.4251228	11.3354161	12.9305642	12.0292874	12.0562724
693.857345	633.554647	653.971406	698.613395	706.320421
3.09565576	2.86593873	3.28206757	3.54142639	3.43075909
6.29766528	6.17661858	6.14418104	6.03051018	6.71126223
0.01153016	0.01065122	0.01065122	0.01146681	0.0118212
0.17270407	0.17974779	0.19329885	0.20548361	0.21408074
0.47802137	0.5077255	0.51731654	0.54172285	0.52600774
3.74176964	3.19271407	3.92768188	4.1463754	4.40700525
0.47269131	0.50204729	0.51153105	0.47835112	0.47915843
0.01546257	0.01250984	0.01317034	0.01379787	0.01402106
0.09378312	0.0996091	0.10149075	0.11667896	0.12192772
0.88120724	0.81066287	0.8133858	0.83055261	0.838265
7.82866616	6.98824066	7.2510289	7.53744918	7.57647068
5.53271638	4.49823641	5.11880772	5.38199768	4.7757225
16.358624	15.106727	15.3314466	13.6121527	13.3122327
0.72338212	0.7120425	0.7680899	0.82690444	0.85246076
0.60238721	0.63980015	0.65188607	0.68567371	0.706448
5.69342871	5.193376	4.86581367	4.9323162	4.96845986
0.04013176	0.0298922	0.03317385	0.03401242	0.03623963
1.01030138	0.92275646	0.89172753	1.02517559	1.07129278
0.86403582	1.13636628	1.2650249	1.33363979	1.31245667
73.7792468	73.1468842	68.5838524	78.8804077	79.7892774

1.35813635	1.69219295	1.85401541	1.95021758	1.96088476
11.9052868	11.8471602	11.8619728	12.1309047	12.0537936
0.27561898	0.28686008	0.30848628	0.32793198	0.34165217
0.09086537	0.09457131	0.10170097	0.10811178	0.11263502
2.76982193	2.30688177	2.22159302	2.42823773	2.50933049
7.31963609	7.09693094	7.9723872	8.11776969	8.14950209
83.5206808	78.8566157	89.4595765	90.1147212	95.0400694
39.3810576	39.6965599	37.6850458	34.8048906	32.9704636
7.98368035	8.05159621	9.52445318	8.87619606	8.90997658
3.52060624	3.39126129	3.76647457	3.55221163	3.54501967
26.6671899	21.7009247	25.4859396	21.7806071	22.233104
4.17497447	3.51371639	3.88696479	3.97257136	4.01557363
1757.34483	1507.91525	1663.67826	1699.42801	1710.64536
14.991579	15.7645953	16.2792118	16.6121287	16.318745
0.03743283	0.0278819	0.03094286	0.03172503	0.03380246
29.8455544	11.1988092	10.9673557	13.5399581	17.6502311
0.02930437	0.0218293	0.02422578	0.02483816	0.02646462
43.5675508	36.6266943	32.1156608	35.0434292	39.3182739
0.11854866	0.12336749	0.13266806	0.1410309	0.14693143
0.19353605	0.2014294	0.21661504	0.23026955	0.23990369
3.06373312	2.70891444	2.67003412	2.64551709	2.64514259
51.6740987	44.3114164	48.2214275	48.1227519	49.40522
1.84449613	1.90026109	2.51735084	2.35755258	2.3584203
2.23683611	1.51237276	1.58468732	1.47418727	1.47840562
0.00273775	0.00278289	0.00281741	0.00286096	0.00290519
0.0114905	0.01160965	0.01172731	0.01184765	0.01196922
0.01561252	0.01575058	0.01574981	0.01578436	0.01581898
0.00083417	0.00083417	0.00083417	0.00083417	0.00083417
0.00230657	0.00233995	0.00237561	0.00241182	0.00244857
0.00283577	0.00159019	0.0025624	0.00244304	0.00232924
0.0003676	0.00038177	0.00039657	0.00041048	0.00042487
0.00722005	0.07180044	0.00246282	0.00155908	0.00128546
0.00092547	0.00093621	0.00094455	0.00095433	0.00096421
0.00373885	0.00376275	0.00378134	0.00380364	0.00382608
0.15224733	0.02321069	0.01400911	0.0131418	0.01232817
0.00241874	0.0024664	0.00251406	0.00256082	0.00260846
0.29088307	0.29377691	0.29654863	0.29949223	0.30246504
0.00173544	0.00176332	0.00178562	0.00181266	0.00184011
0.1346187	0.12927528	0.11428211	0.11049783	0.1068418
0.0089355	0.00881614	0.00875838	0.00862054	0.00848557
0.00819005	0.00825707	0.00832558	0.00854184	0.00876371
3.33599135	3.41239274	3.48219888	3.55815584	3.63576965
5.7941E-06	5.7941E-06	5.7941E-06	5.9228E-06	6.0545E-06
0.01804969	0.0182582	0.01845926	0.01867105	0.01888527
0.00047943	0.00048063	0.00048063	0.0004811	0.00048158
0.06547168	0.06246571	0.05688995	0.05655627	0.05632902
0.15443993	0.06533204	0.06491006	0.04479573	0.03091443
7.6328E-05	7.752E-05	7.752E-05	7.8474E-05	7.944E-05
0.00096643	0.00097221	0.00097799	0.00098415	0.00099035
0.00044842	0.00045797	0.00046631	0.00047514	0.00048413
0.00216159	0.00221206	0.00226074	0.00231131	0.00236301



0.00441003	0.00448152	0.0045545	0.00462628	0.0046992
0.00042096	0.00042862	0.00043673	0.0004444	0.00045219
3.21883504	3.97224197	3.97224197	4.07272703	4.17575405
0.00019514	0.0001618	0.00014271	0.00013793	0.00013332
0.00138695	0.00145047	0.00151688	0.00157887	0.00164339
2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06	2.9787E-06
2.35026401	2.15038422	2.30274335	2.31771784	2.33390626
0.0019502	0.00196367	0.00197715	0.0019914	0.00200574
0.00030387	0.00031095	0.00031867	0.00032614	0.00033379
0.06568244	0.06303817	0.05729353	0.05577066	0.05429887
0.00060835	0.0006122	0.00061413	0.00061682	0.00061953
0.0021206	0.00192652	0.00209669	0.0019015	0.00172879
0.00104152	0.00104537	0.00104922	0.00105345	0.00105771
9.383E-05	9.6809E-05	9.9788E-05	0.00010247	0.00010522
0.00012511	0.00012511	0.0001266	0.00012749	0.00012839
0.01089078	0.01097483	0.01104596	0.01113131	0.01121732
0.03014701	0.03096038	0.03177374	0.03257685	0.03340026

0.02166823	0.01772261	0.01817951	0.01849934	0.0188248
0.16019297	0.16371322	0.16719184	0.1706996	0.17428096
0.00737421	0.01001044	0.01027023	0.00946737	0.00872738
0.00222094	0.00098548	0.00077403	0.00071838	0.00067658
0.42773312	0.4363848	0.42394259	0.41443426	0.40514356
0.00068814	0.00069291	0.00069291	0.0006972	0.00070152
0.00019236	0.000195	0.000195	0.00019816	0.00020137
3.89880908	3.42160676	3.33039082	3.27438476	3.22100265
0.00128492	0.00133882	0.00139561	0.00144835	0.00150309
0.01163372	0.01200171	0.01229026	0.01263762	0.01299481
1.60475029	1.60912557	1.61410864	1.61445608	1.61480359
0.00041898	0.00042425	0.00042425	0.00042917	0.00043414
0.01398527	0.0144383	0.0148983	0.01534519	0.01580549
5.2702E-06	5.2702E-06	5.2702E-06	5.2702E-06	5.2702E-06
3.3393E-05	3.3393E-05	3.3393E-05	3.3632E-05	3.3872E-05
0.00153864	0.00183371	0.00189264	0.0021623	0.00247141
0.00083626	0.00084919	0.00085781	0.00086988	0.00088212
0.00242175	0.0024191	0.00241644	0.00241432	0.0024122
0.00346029	0.00355161	0.00363491	0.0037275	0.00382246
0.47701803	0.48431088	0.49151865	0.49886255	0.50631617
0.01963958	0.01972456	0.01983608	0.01992902	0.0200224
0.00919457	0.00964458	0.01010746	0.01053983	0.01099069
0.00037476	0.0004386	0.00029882	0.000292	0.00029082
0.04393101	0.04468095	0.04550058	0.0462625	0.04703718
0.00086859	0.00088152	0.0008923	0.00090523	0.00091835
5.1974E-05	5.1974E-05	5.1974E-05	5.1974E-05	5.1974E-05
0.07210229	0.07358543	0.07504208	0.07651295	0.07801265
0.00709195	0.0003625	4.8333E-05	4.8333E-05	4.8333E-05
0.07884916	0.08488456	0.06043106	0.05564894	0.05124525
0.00223325	0.00225441	0.00222502	0.00218718	0.00214997
0.00914623	0.00927282	0.0094024	0.00953078	0.00966092
0.14227677	0.14506742	0.14803927	0.1508405	0.15369475
5.2036E-07	5.2036E-07	5.2036E-07	5.2036E-07	5.2036E-07

0.0009174	0.00094029	0.00095799	0.00097943	0.00100134
0.1880387	0.18383036	0.19863495	0.19744371	0.19626015
0.01081534	0.01090155	0.01099423	0.01108303	0.01117255
0.19462689	0.19817016	0.19904421	0.2020398	0.2051263
0.00011468	0.00011617	0.00011766	0.00011885	0.00012006
3.1621E-05	3.1621E-05	3.2499E-05	3.3202E-05	3.392E-05
0.00765836	0.00750416	0.00509771	0.00488173	0.00467491
0.00700238	0.00699972	0.00699707	0.00699441	0.00699176
0.04011862	0.04057723	0.04096613	0.04147157	0.04198324
3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05	3.6464E-05
0.00019809	0.00019958	0.00020107	0.00020255	0.00020405

0.00897504	0.00842046	0.00623369	0.00551586	0.00489087
0.16622999	0.16170297	0.15642627	0.15601915	0.15561309
0.00020923	0.00021696	0.00022468	0.00023228	0.00024013
0.01770009	0.01798863	0.01826742	0.01855903	0.01885529
0.00014497	0.00014915	0.00015333	0.00015779	0.00016238
0.00110732	0.00172603	0.00173931	0.00193953	0.0021628
0.03766618	0.03795714	0.03822871	0.03966932	0.04116422
0.01039715	0.0101393	0.01189679	0.01234266	0.01284468
0.00134043	0.00134788	0.00135235	0.00135831	0.00136429
0.0033452	0.00339072	0.00339029	0.00339931	0.00340835
5.9631E-06	5.9631E-06	5.9631E-06	6.2016E-06	6.4497E-06
0.01706819	0.01727819	0.01748819	0.01770117	0.01791675
0.04658087	0.04793159	0.049306	0.05064751	0.05202553
0.00144107	0.0014463	0.00145394	0.00145755	0.00146117
11.6055272	11.8093674	11.8238032	11.9333207	12.152198
7.1101639	7.14480322	7.22390709	7.31307699	7.3979923
1.7559392	1.57373302	1.47874701	1.35000142	1.22927531
0.00456487	0.0045915	0.00460568	0.00460982	0.00461429
1.47452029	1.49036849	1.51331672	1.60392889	1.63587686
106.741282	105.665708	103.533338	104.890285	103.192795
1.39171317	1.41259147	1.48990322	1.38517696	1.38686473
0.01254743	0.01196916	0.01155378	0.01115044	0.01020689
72.1726864	69.0363796	72.7830802	73.304998	75.5359089
5.30521109	5.26808546	5.29645764	5.29468219	5.29660104
7.65485247	7.60618869	7.55699799	7.47639974	7.41746651
1.80572984	1.64461809	2.0483147	2.15538934	2.14650301
6.99091991	6.992148	6.90724958	6.81847045	6.84367018
3.21885154	3.03744382	3.39400095	3.63527919	3.74286514
14.4299202	11.6978874	14.9095416	14.8409546	15.1623216
102.888443	102.624369	104.612527	104.849753	106.021997
2.0204726	2.14885112	2.1642107	2.03146564	2.02632504
0.02772075	0.02547662	0.0265059	0.02718386	0.02787136
0.0061277	0.00611649	0.00613074	0.00614486	0.00615215
1.4621378	1.45548131	1.15802352	1.20736465	1.1485715
12.4049776	12.3740314	12.1866892	12.1287893	12.1354594
0.20993098	0.21135179	0.21444041	0.21642504	0.21614056
0.00218779	0.00218082	0.00215784	0.00215036	0.00214292
19.0319063	19.6096602	20.1001045	20.7479514	21.2523385
436.456556	442.288492	454.869999	473.847475	471.227898

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0.02372176	0.02647549	0.02674571	0.02650855	0.0263184
0.4790869	0.45270628	0.43769183	0.40885362	0.38605204
1.43088121	1.45447602	1.52690799	1.47738297	1.44638084
5.99323099	6.25584653	6.28073637	6.3700909	6.47053196
31.4263644	31.1926152	31.1693925	31.1949349	30.6945497
4.08413721	4.06160051	4.06259487	4.07133384	4.07506722
7.086746	7.24585793	6.85026959	6.74447087	6.76543782
626.133792	638.498743	641.683474	636.310132	631.264301
3.49169725	3.44688803	3.59951693	3.66990812	3.7583791
7.54477691	7.55805019	7.69697434	7.73342251	7.79660973
7.4274318	7.21009485	7.74001656	9.53853043	9.73353451
0.47571185	0.47415488	0.47353609	0.47336956	0.47270206
0.00353676	0.00319438	0.0031227	0.00300587	0.00286169
54.6045633	56.4170332	59.045975	59.1267637	59.73117
0.0724086	0.0722539	0.07229276	0.07246057	0.07253474
0.06452495	0.06862368	0.06937062	0.07002801	0.0710879
3.40279518	3.0360789	3.39483283	3.45151684	3.41746798
8.19224498	7.58677112	7.32891219	7.01717599	6.93308334
0.00414431	0.00419427	0.00426714	0.00430503	0.00434329
0.4252816	0.45918082	0.46650303	0.45482503	0.46722531
5.07314656	4.98856626	5.04026076	5.1048266	5.10651
37.1024451	36.2958058	35.1417961	34.4955961	34.494664
0.51123136	0.5109706	0.51102571	0.51114719	0.51020847
0.02704932	0.02709839	0.027139	0.02715723	0.02719624
6.7938409	6.93288094	6.83568969	6.46414389	6.46540515
7.33201481	7.39320977	7.50666156	7.59460037	7.58367523
8.35307399	8.52363055	8.58351625	8.64320156	8.74674236
10.1094274	10.5387797	10.2689511	9.82379969	9.61430553
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3.09043763	3.09677841	3.11294266	3.12841642	3.14150852
0.18476414	0.1894781	0.19412862	0.19715104	0.20022053
28.2222407	28.6880228	28.8226101	28.2009001	28.0712741
0.88420703	0.88164257	0.87218952	0.86414916	0.86311078
79.139675	83.7692745	78.8145405	80.2141115	82.0687546
2.44442458	2.42957909	2.40024789	2.36044815	2.36108695
0.42708251	0.36342121	0.31025749	0.33570571	0.33235445
0.1085386	0.10868723	0.11147408	0.1121065	0.1127425
46.1676875	45.3284477	44.1707836	43.0233748	42.9685171
0.02037194	0.02066268	0.02087242	0.02057561	0.0206347
0.10831882	0.1090401	0.10989951	0.10999774	0.1104759
32.4798615	31.989723	32.167793	32.1908343	31.9067113
2.10016876	2.09007724	2.20819132	2.20587281	2.20909363
5.0429246	5.32462014	5.67685011	5.62245604	5.80201158
13.9084551	14.0636669	14.4752625	14.9150987	15.4398204
0.13905405	0.1389391	0.1388068	0.13867677	0.13854715
0.6370528	0.60660399	0.51584119	0.55605552	0.54158132
1.31025583	1.29250711	1.33121771	1.3558032	1.36353998
0.01453898	0.01459495	0.01466916	0.01474757	0.01483024
4.22392745	4.22200738	4.18287356	3.97184398	3.8759399
0.01043369	0.01040886	0.0104421	0.01045454	0.01046451

0.00441556	0.00442327	0.00444104	0.00444603	0.00445108
7.13904219	7.25739743	7.35446579	7.47353615	7.47604458
0.04516231	0.04624783	0.04731555	0.04778052	0.04825569
1.59340571	1.64687287	1.42428368	1.41066093	1.42150197
0.01468647	0.0155637	0.01478608	0.01501549	0.0150373
5.10213796	5.13483435	5.14430316	5.17090713	5.17158615
1.63081734	1.61981482	1.62371946	1.57384592	1.54666998
3.16944443	3.15939836	3.17429777	3.18184926	3.16734393
3.60439495	3.67769487	3.59753904	3.55322937	3.53789142
114.111498	114.455785	113.271577	115.264712	114.149345
554.613753	564.476449	564.886042	567.02973	567.559243
15.5661348	15.5864867	15.9146725	15.7180957	15.6623627
20.9608141	21.5316016	22.8927015	22.8587767	23.3885263
4.5306036	4.47101331	4.48543421	3.91868508	4.03406478
0.30708616	0.29750055	0.29120355	0.28353204	0.27688529
1.98341885	1.94559837	2.05884866	2.08240248	2.08371516
22.4812701	22.5678587	22.2067716	21.8403469	21.7989718
0.44808459	0.4476641	0.44525618	0.43475262	0.4318715
0.75796828	0.75355506	0.77606776	0.75766312	0.7560558
43.7688219	44.0473432	43.6831719	44.932092	44.0957475
23.9740269	25.2360019	26.3611489	27.4806492	27.8490473
48.1827987	57.451573	50.1349236	51.9302563	54.5106409
5.59990764	5.71217075	5.79352173	5.85004551	5.8617992
23.2444706	23.2247458	24.5393373	23.4381745	23.9616488
0.00313802	0.00313247	0.00317288	0.00321351	0.00323919
0.00602639	0.00609498	0.01054087	0.01592755	0.01799721
19.1472416	19.5517539	20.0651812	20.2756813	19.8171159
0.25549213	0.24782992	0.25107884	0.25004339	0.25436202
9.67791019	10.1588401	10.0601661	10.0532761	10.1884824
0.39109625	0.38918294	0.39196513	0.39035195	0.39104157
0.25550904	0.25638029	0.25583211	0.26350026	0.25926293
1.9562333	1.89213145	1.85983677	1.91882697	1.93821595
0.02289939	0.02286603	0.02268527	0.02275728	0.02271533
9.1120222	10.0104431	10.525664	10.4099638	10.5313371
0.76855967	0.58083248	0.65635959	0.69905319	0.64088007
2.11208555	2.07698792	2.05012616	2.08256207	2.07906313
0.49767589	0.4948525	0.48850624	0.48533788	0.48542662
1.18526238	1.18954469	1.17263899	1.16207194	1.16321767
0.00188611	0.00191558	0.0019426	0.00196961	0.0019868
9.21329195	9.07771908	9.2147305	8.93966295	8.96139811
1.03296081	1.00263666	0.94923896	0.92547386	0.94055274
16.0343463	16.2246401	16.1750009	16.2466714	15.9678682
5.6329E-06	5.6535E-06	5.6824E-06	5.8827E-06	5.9109E-06
84.3759138	85.3543165	86.1679448	86.9148166	87.2904663
0.74918495	0.74525175	0.66160113	0.63167837	0.58454154
24.3894915	25.031642	25.6956205	25.0274042	25.5852575
0.05208551	0.05267903	0.05179034	0.0514816	0.05128857
63.8569979	63.7908427	65.6373147	64.5498186	60.9379587
18.3434198	17.7250714	18.1674705	19.5655347	20.0693341
3.87190637	4.09516191	4.20294549	4.36680304	4.50426192
6.99095284	7.01890175	7.03146128	7.0422041	7.1491362

0.02408424	0.02409281	0.02412675	0.02357067	0.02307034
0.02718046	0.02724047	0.02566603	0.02430713	0.02364131
4.48198559	4.65774961	4.86227302	4.98520391	5.28373714
6.35264488	6.16100451	6.17600057	6.11406942	6.1270571
4.79084688	4.27282052	4.80526002	4.90427398	4.8757774
0.13796641	0.13690832	0.13558689	0.13422165	0.13313679
21.6178254	22.6468159	23.655871	24.8070231	25.8146349
55.35841	56.2978192	57.4446006	58.9327107	59.5757676
8.67533749	8.9334412	9.10173691	9.24852263	9.24932722
12.6543072	12.4730922	12.30365	12.3572946	12.3464195
2.75924467	2.75691521	2.80430233	2.78184066	2.77536401
27.150925	27.3647845	27.3503773	27.1518912	27.2522825
31.9731933	31.603153	31.5684147	31.125497	30.7571042
1.2280563	1.25455753	1.27946234	1.30565821	1.33056616
183.608876	191.425966	198.56062	198.939653	209.704097
3.09478488	3.11539871	3.11314132	3.10613818	3.09456264
14.9530698	15.0006023	15.377133	15.3600961	15.4209524
48.5953141	49.1484678	49.3822167	49.0731023	48.7064646

0.44568215	0.43829373	0.44181873	0.44562105	0.44792092
19.9880543	20.1548243	19.7849927	19.9319126	19.9296767
0.49013479	0.48842391	0.48332581	0.48469223	0.48275993
4.89738035	4.92199209	5.17376244	5.07451163	5.0838762
5.26386475	5.33084155	5.23907196	5.13057401	5.16482359
24.7175812	25.2142204	24.984848	24.2092869	24.101984
0.02649245	0.02660828	0.02660406	0.02660487	0.02663657
0.45161659	0.45393603	0.42601263	0.38180491	0.38347092
0.08105745	0.08166025	0.08224901	0.08364875	0.08522335
9.15614347	8.97791967	8.76953371	8.75054962	8.76275306
63.5235562	63.5913091	62.6677043	61.8966706	61.3316627
1.92695894	2.00691437	1.89112928	1.77652754	1.763499
4.09393104	7.05944893	6.98700775	8.44062018	9.3073268
3.7353877	3.71510405	3.60235008	3.40493661	3.34138577
65.5500298	66.0960815	65.6528373	66.4720869	67.0644695
8.49354119	8.93990758	8.87820307	8.98927123	9.17439856
0.01006294	0.01009427	0.01022343	0.00676975	0.00619374
0.00134708	0.00135695	0.00131551	0.00131118	0.00130688
0.05668387	0.05682797	0.05687937	0.05696236	0.05701119
2.32419605	2.36229255	3.18874244	2.56856773	2.59025124
1.47976745	1.59185943	1.65549053	1.63224176	1.63393497
17.7993481	17.8623402	17.6888528	17.5404856	17.5055883
0.00020458	0.00020561	0.00022464	0.00022769	0.00023082
0.00724642	0.0073086	0.00725361	0.00812557	0.00826231
0.58298121	0.5643105	0.55573836	0.54580753	0.54524454
1.57431193	1.58661878	1.52369834	1.49911844	1.48551497
1.59950619	1.62030695	1.60297792	1.54545282	1.52977674
3.91202422	3.87346206	3.85305732	3.86523747	3.86071202
0.89344781	0.89979504	0.90035902	0.90228351	0.90441812
0.00181151	0.00204895	0.00233121	0.0023725	0.0025041
3.81811741	4.21149975	4.23526754	4.3540437	4.5112825
52.7295756	55.8099099	58.4647883	62.3174419	65.4231219

1.77671205	1.86862777	1.96141779	2.05288338	2.13090589
70.344239	76.9773915	78.1316092	80.0041888	77.2431968
6.7851591	6.96057516	7.1846444	7.32217091	7.36868475
10.126637	10.4189226	10.4703258	10.4722188	10.5108992
0.81106786	0.73271147	0.74693106	0.80332784	0.81627481
0.05895684	0.05904363	0.05915362	0.05931795	0.05946024
0.08103367	0.08442309	0.08331038	0.08310797	0.08399845
2.51434842	2.55738248	2.51271058	2.48647387	2.48148418
47.4572412	49.2417972	50.0083414	48.3937607	49.0438349
3.04653589	2.99781662	2.75108722	2.83718216	2.72359848
33.8144548	35.9924587	36.7339034	36.2412334	37.4857683
18.8127284	18.9048859	19.5285688	19.5498921	19.6682728
12.7158549	12.0254948	11.4062331	10.3827586	10.2135281
21.8721999	21.3908253	22.5432221	22.0073463	21.3295966
263.069837	262.470286	259.950853	255.697816	254.974697
33.9383578	34.400918	35.3273114	36.1029709	36.2776592
0.00851114	0.00815014	0.00785499	0.00756853	0.0072857
30.4773251	30.8946651	30.6517328	31.7390906	31.8033951
0.00660269	0.00669043	0.00676547	0.00681799	0.00687093
74.6935261	73.6590173	74.0701467	73.2015829	73.6736115
0.20933484	0.20935545	0.20966242	0.20849439	0.2085893
0.09360445	0.08327106	0.10788917	0.10292753	0.09836849
5.25238542	5.30801784	5.49431897	5.53225342	5.64558827
26.3066104	25.9071161	25.8337768	25.7136055	25.5662481
5.2192135	5.17232015	5.59744788	6.2512425	6.49190332
7.91202729	8.14296116	8.29749732	8.40673869	8.45989629
0.00045984	0.00055031	0.00053554	0.00042075	0.00042621
0.1856021	0.18976153	0.19367248	0.19751972	0.19755801
1.66340436	1.68251907	1.70562144	1.74567006	1.74644501
6.4123E-08	5.6305E-08	5.4116E-08	5.4088E-08	5.654E-08
0.05382148	0.05385905	0.05092822	0.04936025	0.04938448
0.0003625	0.00037679	0.0003707	0.00036665	0.00038145
0.0109071	0.01071893	0.01092253	0.01464475	0.0146922
0.19542463	0.19140973	0.19845883	0.18572299	0.18299658
0.05553784	0.05679163	0.05148996	0.05085129	0.05168881
9.299E-05	6.2324E-05	6.8986E-05	6.8514E-05	7.1842E-05
0.44814103	0.44368006	0.44404997	0.45113367	0.45048007
0.69497764	0.69487469	0.7850317	0.62792817	0.62637259
0.03286433	0.03131346	0.03110701	0.03255136	0.03513319
0.77638677	0.77019743	0.77848092	0.77936354	0.7793636
0.29269478	0.26887498	0.31426907	0.28290802	0.27751446
0.67048719	0.68998979	0.68714525	0.69567552	0.69565858
1.23918603	1.24532169	1.24541377	1.26181388	1.26177761
3.55715243	3.51845987	3.48631783	3.46103523	3.45071457
0.3320662	0.36933537	0.36041872	0.343613	0.3193025
0.0006039	0.00060708	0.00059472	0.00058926	0.00058918
0.00357332	0.00300647	0.00310042	0.00306056	0.00307794
0.42736559	0.45218878	0.43595694	0.46893119	0.46776555
0.27006511	0.2499555	0.25826419	0.28329869	0.28391567
0.00973751	0.00823863	0.00836759	0.00839392	0.00839751
9.578E-05	8.6718E-05	8.8246E-05	7.8972E-05	8.2583E-05

0.02803674	0.03380029	0.0252579	0.02380794	0.02400314
3.83376182	3.88796398	3.95887891	3.96536128	3.96818466
0.00069588	0.00056748	0.0005983	0.00058979	0.00059715
0.00059153	0.00051926	0.00031718	0.00031617	0.00032012
0.45536443	0.45783116	0.46600209	0.47197796	0.47198494
0.15767308	0.15687846	0.15590182	0.15608682	0.1561134
0.19201794	0.19100966	0.18778854	0.18832052	0.18832419
0.96313558	0.88884077	0.88507167	0.85887201	0.85491515
0.26118337	0.25937298	0.29580602	0.24595221	0.24510327
0.67527828	0.68074797	0.66472498	0.66712667	0.66715008
47.5891005	47.022239	44.7325765	42.6485983	43.5792245
1.36544658	1.40630036	1.42738882	1.43245144	1.43234729
2.04710271	2.1033931	2.1596104	2.17632452	2.176435
5.94783676	6.03679972	6.12818124	6.22171851	6.22171855
0.43346382	0.43957498	0.44599688	0.4531384	0.45315112
4.0715E-05	4.0813E-05	4.2015E-05	4.4237E-05	4.5426E-05
0.95487178	1.12722862	0.92550623	0.92639022	0.93663934
0.03369933	0.03418714	0.03410347	0.03482861	0.03482863
0.01489208	0.01478203	0.01790501	0.01813358	0.01812593
0.02621787	0.02674701	0.02645082	0.0270443	0.02712892
0.04172805	0.03962594	0.03719459	0.03646107	0.03735153
9.9226E-05	7.1955E-05	7.9416E-05	7.8414E-05	8.2101E-05
0.00997147	0.01007694	0.00954275	0.0104046	0.01040285
0.98206141	0.98773065	1.07593557	1.04375081	1.0043514
3.12306396	2.97464803	3.44838249	3.40799373	3.37727585
0.0396622	0.03984992	0.03955443	0.0400542	0.04005425
0.00069291	0.00058791	0.00059859	0.00059586	0.00059667
0.34109736	0.32076095	0.33137151	0.26984911	0.26935085
0.1784211	0.18085923	0.18419273	0.17860043	0.17880027
0.08630859	0.08256515	0.07560836	0.08191572	0.07723893
0.08555642	0.07966003	0.07593747	0.07273343	0.07395986
0.47410102	0.47623776	0.47867739	0.4780398	0.47728412
0.18441836	0.18700443	0.1898774	0.18986543	0.19010372
8.9661E-05	7.616E-05	9.3084E-05	0.00010276	0.00010218
0.82234577	0.81982377	0.82296862	0.81542463	0.8022192
0.14047045	0.14783735	0.14449165	0.1526808	0.15250676
14.0244241	14.313197	14.6945709	14.848975	14.8723185
0.54539714	0.49589108	0.55271459	0.50970794	0.50603053
0.00411352	0.00413305	0.0040743	0.00414007	0.0041582
0.00014599	0.00013473	0.00013659	0.0001343	0.00013434
2.61413887	2.42665844	2.77431536	2.49865002	2.49116757
0.3894046	0.38414278	0.3790519	0.37910705	0.37912652
0.78175191	0.77998783	0.83671249	0.80250782	0.76736566
0.09325033	0.08667405	0.09004962	0.09537251	0.09559971
0.77222712	0.76349996	0.8316697	0.90895037	0.90887445
5.2864E-06	7.1036E-06	7.1036E-06	7.1036E-06	7.1036E-06
1.03469337	1.03091467	1.02448824	1.0292251	1.02920176
0.00184044	0.00184149	0.0018428	0.00184411	0.001853
0.0720675	0.07204601	0.07189575	0.07253933	0.07253475
0.23840464	0.2424763	0.24304995	0.24602491	0.24602231

0.03355362	0.03340021	0.03346229	0.03354487	0.03356055
0.2565152	0.2427584	0.26017993	0.26828747	0.26756327
4.0416E-05	2.7912E-05	3.1112E-05	3.1139E-05	3.2608E-05
0.00063921	0.00065378	0.00068608	0.0007114	0.00072202
2.45125007	2.52446813	2.60021925	2.64328415	2.64345949
0.01470976	0.01501089	0.01532055	0.01563708	0.01563764
0.00955524	0.00793397	0.00792906	0.00791444	0.00792002
0.00489833	0.00509278	0.00502445	0.00474887	0.00506251
0.50969278	0.51831862	0.50255978	0.48657381	0.48670843
0.36446807	0.36979725	0.40081034	0.40040454	0.40037736
0.77888653	0.75318272	0.75704751	0.76410362	0.76415893
0.51455028	0.5092051	0.52558342	0.51094583	0.50293938
5.78245636	4.75328143	3.73182826	3.33934994	3.34022754
38.5309279	38.4032551	38.6343617	38.6782625	38.9994416
0.16383017	0.17383595	0.15939981	0.15105722	0.11565612
0.58628704	0.6003452	0.61607523	0.63421411	0.64306584
0.0343641	0.03468886	0.03560042	0.04007814	0.04208791
0.00140221	0.00139104	0.00156523	0.00143306	0.00134637
0.01216243	0.01200839	0.01176426	0.0120217	0.01197225
2.38670051	2.30154018	2.49175069	2.25832802	2.2468998
0.03445084	0.02955703	0.0295245	0.0293219	0.02936298
0.02846299	0.02752161	0.02876763	0.02849214	0.02849118
1.12076414	1.1127797	1.08250273	1.07080753	1.04650684
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3.26801255	3.29894265	3.35349958	3.39210219	3.39210435
0.15014624	0.12665395	0.10210338	0.09405401	0.09544742
0.68173929	0.67809102	0.67428798	0.67232396	0.67241748
0.0003797	0.00038661	0.00039357	0.00040061	0.00040143
6.8436E-05	2.286E-05	2.5308E-05	2.5135E-05	2.6358E-05
0.44123556	0.40459366	0.37028564	0.36201684	0.35045519
0.00272579	0.00208357	0.00251666	0.00239212	0.00236754
0.46034498	0.45874961	0.4541463	0.4295104	0.42951534
0.04526888	0.04637555	0.04563489	0.04797145	0.04797126
0.79113283	0.81049276	0.82797521	0.85496024	0.85494946
0.08537629	0.08610205	0.08712331	0.08765732	0.08764054
0.0009719	0.00081287	0.00082542	0.00081585	0.0008189
0.69954224	0.70487281	0.69698793	0.6847124	0.68501762
0.236253	0.23406758	0.23102905	0.23052965	0.22938396
0.19780575	0.19461631	0.19845232	0.19779941	0.19176193
0.00930354	0.00904531	0.00944535	0.01078847	0.01061783
0.21311526	0.18669512	0.187784	0.17732537	0.17711529
0.00172511	0.00164492	0.00168895	0.00169405	0.00171668
0.42888168	0.42487403	0.41889653	0.41811165	0.41791837
0.24525419	0.22481941	0.23736307	0.27193128	0.27236933
1.6200767	1.65010087	1.68022545	1.7100674	1.71006783
0.00253471	0.00241829	0.00251327	0.00251609	0.00254009
2.141864	1.89596186	2.12711367	2.11127291	2.11250249
0.06987135	0.06935586	0.06990071	0.06893446	0.06898233
0.47497121	0.48095865	0.52860254	0.53301734	0.53297313
0.00106141	0.00099215	0.00103946	0.00090517	0.00089625
3.60906294	3.61872697	3.6255789	3.62639631	3.62683145



0.31750512	0.23063175	0.26673815	0.27660998	0.29930878
1.61818225	1.64918486	1.68039966	1.67511607	1.67512136
0.2103953	0.21277353	0.21289941	0.21704847	0.21701614
0.00140515	0.00135629	0.0023662	0.0023828	0.00239155
0.00190748	0.00173959	0.0017518	0.00175037	0.00175055
0.57131857	0.57249889	0.56809655	0.57625385	0.57685538
0.01599382	0.016339	0.01669402	0.02004126	0.02235246
0.056507	0.05641725	0.05664776	0.06249303	0.06258384
0.0022213	0.00224036	0.0022812	0.00235082	0.0023812
0.88284234	0.96283215	0.99082501	1.00999752	1.01053898
36.7683945	37.3974691	38.0337006	38.2539837	38.2535137
0.36775133	0.36975952	0.3744261	0.37489589	0.37503617
0.30144742	0.30572279	0.31661461	0.29580005	0.29286266
0.18137493	0.18547351	0.20125314	0.21464578	0.2146348
3.28693746	3.37223428	3.45119171	3.41961297	3.41959711
0.08967725	0.08880955	0.08813607	0.09500906	0.09399525
0.05108976	0.0475698	0.0542578	0.05652712	0.05823416
11.302739	11.5231615	11.7467696	11.7705171	11.7659667
0.06090962	0.06052642	0.06035343	0.0596433	0.05977937
0.70344781	0.80369959	0.80533291	0.80672266	0.8070484
2.03772945	2.04808828	2.06778256	2.05679157	2.05860652
0.00025647	0.00026252	0.00027389	0.00028721	0.00029496
0.46090555	0.4611774	0.46115311	0.46127513	0.46131767
4.1404569	4.09569342	4.01088502	3.81508543	3.53379587
0.00224945	0.00246451	0.0024498	0.00244995	0.00256434
1.23697866	1.19925957	1.03012081	1.06082758	1.12786581
0.28553402	0.28851024	0.29089389	0.29203354	0.29123185
0.3976561	0.37344344	0.35740807	0.3531654	0.35317068
0.00087809	0.00086412	0.00087791	0.00090808	0.0009186
0.00328458	0.0026956	0.00233127	0.00246399	0.00251531
0.01428215	0.01424148	0.01420103	0.0141608	0.01416104
1.15555681	1.15856464	1.23418368	1.16379989	1.15697683
1.95433985	1.94447987	2.0471449	2.14710544	2.15051104
0.82937708	0.86320184	0.88397249	0.88402125	0.88402142
0.01535118	0.01469034	0.01460194	0.0160156	0.01662819
0.5714357	0.75378347	0.74587362	0.7799239	0.77715892
2.18219499	2.24118387	2.30123179	2.3005067	2.30050762
0.30298728	0.33239505	0.3371658	0.33784682	0.33780446
0.00138822	0.00139597	0.00155341	0.00172654	0.00173996
2.5329E-08	2.3026E-08	2.5709E-08	2.8635E-08	2.9177E-08
0.01156978	0.01163503	0.0116766	0.01172055	0.01172405
0.54214843	0.54334369	0.54023133	0.54609565	0.54608865
0.05796517	0.05053946	0.04929743	0.04918936	0.04928897
1.46842634	1.49708471	1.51301818	1.55531153	1.55531159
5.8818E-05	5.2067E-05	5.3285E-05	4.9177E-05	4.9221E-05
0.01048942	0.01053499	0.01042527	0.01049702	0.01049921
0.00915777	0.00803421	0.00774103	0.00776187	0.00777232
0.23455054	0.24373062	0.28383886	0.2484282	0.24883156
0.14597608	0.14494024	0.16153815	0.17328806	0.17311096
0.33395646	0.364605	0.36752072	0.35142842	0.35122146
0.09845602	0.09947723	0.10052584	0.09466743	0.09467709

0.0005029	0.00050233	0.00052111	0.00053446	0.00054222
0.00793087	0.00737425	0.00702938	0.00725098	0.00725017
0.00019432	0.00016686	0.00017599	0.00017968	0.00018074
0.71273106	0.71758837	0.71805292	0.7289523	0.72897154
0.49296398	0.52469892	0.53697717	0.54026114	0.54025504
1.15998534	0.87925206	0.74094765	0.75684062	0.75677934
0.07358109	0.08671441	0.10217303	0.09359276	0.09494546
0.07439916	0.07489242	0.07495877	0.07665837	0.07589584
0.00690847	0.00662187	0.00633918	0.00607056	0.00607614
0.00027683	0.00027709	0.00027816	0.00028049	0.00028233
0.004628	0.00470781	0.00467759	0.00466358	0.00465144
0.30615506	0.30456849	0.28953364	0.2894161	0.28926804
1.13472175	1.09320275	1.0217091	0.95059551	0.93048844
0.08077364	0.08019905	0.07941549	0.07788263	0.07669228
5.38149479	5.43433666	5.48606141	5.55346927	5.55346991
3.47321628	3.69292023	3.84738114	3.8922899	3.89229184
0.83361863	0.81830789	0.81441429	0.80118355	0.79890239
0.11806073	0.11802111	0.11810874	0.11912565	0.11916146
9.16197903	8.46082595	8.49437655	9.11352651	9.16650555
0.19863784	0.42501	0.21684312	0.23938645	0.27809639
0.00072953	0.00060018	0.0006388	0.00063401	0.000635
0.06354888	0.04914904	0.06099385	0.06155708	0.06283774
0.00014263	0.00011919	0.00012447	0.00012644	0.00012722
1.32037235	1.02259668	0.8580283	0.85447327	0.87203378
0.00772377	0.00774169	0.00774709	0.00775011	0.0077525
0.00602246	0.00603681	0.00604206	0.0060511	0.00605501
0.01890726	0.01845544	0.01860776	0.01851433	0.01851352
2.04774472	2.10509295	2.0977513	2.05240241	2.03671737
1.77144134	1.80699495	1.8393855	1.88678717	1.88678746
2.69373811	2.74853538	2.8022247	2.82150956	2.82252934
0.00210778	0.0020725	0.00222356	0.00232166	0.00232166
1.60648989	1.41874018	1.51646708	1.97032058	2.03226447
25.3675139	23.8666636	21.6402905	21.9559405	21.3191157
0.22772612	0.21161191	0.24846043	0.23532644	0.23369643
26.5378576	24.9074112	24.9665838	28.1740185	27.6102061
11.1614244	10.5101658	10.8616817	11.4982832	12.034422
0.33951397	0.34052226	0.34165855	0.34311791	0.34408554
61.8501254	56.9779401	53.2027546	49.3080088	50.32565
0.77417839	0.75152	0.75114487	0.74945531	0.76950823
4.88336358	4.76821193	5.17853075	5.17596981	5.26368485
0.69854483	0.69158146	0.90192156	0.91681534	0.91681534
2.60343031	2.60571008	2.64228095	2.64467955	2.66624317
1.60345828	1.64988432	1.62238606	1.62238606	1.62238606
1.96474731	1.99365121	1.88462848	1.93214558	1.93214558
2.64767369	2.50146955	2.49032475	2.52511895	2.39518978
1.01177294	0.87243748	1.01588929	1.22955155	0.86639715
23.4019199	23.4181451	23.0212173	22.9668205	22.8934293
0.0097263	0.00920674	0.00949109	0.00954014	0.00954015
3.19594509	3.12282661	2.95747144	3.03189432	2.9682672

2.32394386	2.33907081	2.37130309	2.25020974	2.30158992
0.01240573	0.01074007	0.0139349	0.01247086	0.01188905
	8.7683E-05	8.7683E-05	8.7683E-05	8.7683E-05
2.82372874	2.70722317	2.76668032	2.59516218	2.40346081
31.7607514	32.1971743	31.1373942	32.8193081	34.337505
0.01342261	0.01104154	0.00819343	0.00731576	0.00687848
1.95277382	1.8839823	1.78003477	1.60305002	1.55813838
0.10258719	0.08990499	0.08089667	0.07380541	0.06976843
1.04768493	0.9569261	1.05805105	1.25275033	1.28383274
0.59317834	0.59660427	0.55864238	0.56730908	0.56730908
75.5954438	61.3776381	64.5839285	67.0165019	68.7257016
0.90911826	0.98141516	1.05953328	1.14582392	1.21848004
1.78734083	1.42383697	0.89520222	0.91157974	0.94291639
617.207875	625.983807	664.256309	720.586872	734.810553
4.72020465	4.70280838	4.68081357	4.70763291	4.68154501
8.28566694	8.46079987	8.20963617	7.76010569	7.33613735
15.1266999	15.6019598	15.6244698	16.0514487	16.0886045
16.4482145	15.1330767	13.551682	13.335948	13.7900039
1.3994E-06	1.5829E-06	1.5044E-06	1.5305E-06	1.5571E-06
15.3813473	11.8765072	11.9948684	11.9254555	11.8644041
0.13174185	0.13340711	0.12579037	0.12863096	0.12863096
0.00243697	0.00241268	0.00222465	0.00222465	0.00222465
0.00339783	0.00333189	0.00327433	0.003306	0.00331045
0.54830882	0.54331243	0.49314142	0.47648445	0.4829574
	3.1885E-05	2.3317E-05	1.7051E-05	1.2469E-05
0.00369826	0.00320422	0.00360209	0.00562525	0.00562525
2.81978257	2.39949398	2.46071407	2.49586399	2.29427548
10.3410803	9.72974207	10.2354576	10.3872851	9.7323178
0.14488984	0.14531855	0.13575659	0.13754404	0.13754404
0.00198081	0.00186525	0.00191292	0.00190474	0.00190474
0.45226818	0.43214981	0.44806148	0.46640055	0.48198977
0.36391034	0.37373742	0.39583875	0.27767284	0.2783304
39.0507421	35.4379275	37.4591798	39.1112753	38.537447
9.85591661	8.918509	8.79153618	8.83414475	8.73212605
21.2667941	20.8458476	20.8116519	20.8027932	20.3166218
0.47002505	0.47653302	0.48408061	0.48408061	0.48408061
1.19036136	1.21557548	1.25669198	1.3136978	1.34236307
0.06336808	0.0659844	0.06913385	0.07247089	0.0754776
4.72610963	4.84871564	4.97608066	5.09170439	5.09189187
0.13099063	0.1229026	0.13762735	0.13596007	0.14148775
0.00725179	0.00729199	0.00719461	0.00722662	0.00722732
0.00110891	0.00112393	0.00113631	0.00111178	0.00111178
3.29207575	3.2707576	3.26253396	3.27697238	3.3054494
12.4328452	12.3084199	11.4674222	12.0423039	14.0792374
4.18446006	3.70581008	3.99367441	3.8948147	3.68258573
0.11605796	0.11941513	0.12311764	0.12512395	0.12632006
9.84597155	9.83492306	8.01996124	9.0646668	9.41005755
1.17401052	1.18441687	1.11707789	1.1374572	1.1374572
0.00935241	0.00936967	0.00939125	0.00941282	0.00941282
0.18683164	0.18838784	0.17691377	0.18017707	0.18017707
0.20369462	0.21084066	0.19884864	0.20338972	0.20338972

4.1661605	4.16320915	3.52189135	3.2686129	2.47180387
2.31882646	2.0070696	1.97123518	1.99934319	1.93477513

0.27998256	0.27398444	0.27143497	0.25526429	0.25308192
0.04253009	0.04359166	0.04461008	0.0456561	0.0456521
0.01180072	0.51317971	0.80311345	1.6873391	1.54524662
0.06452721	0.06571649	0.06688462	0.06814664	0.0693451
0.00233613	0.00093068	0.0031339	0.00325543	0.00325543
0.3172237	0.30064267	0.29567369	0.29309332	0.28706127
3.80195871	3.67650468	3.61023534	3.68110031	3.68109984
2.13121102	2.10283399	2.0997673	2.09124146	2.09010074
213.663447	199.38063	200.782934	234.442973	261.871536
75.9275659	71.9824739	81.3203763	92.4406462	100.421525
1.28449009	1.25912083	1.24630804	1.24934856	1.23964222
100.968905	95.1452364	107.424847	112.2278	127.76016
158.490024	136.637794	135.937784	149.727863	143.967693

0.32979269	0.41798229	0.48531536	0.52506088	0.56577416
4.49115616	4.56531309	4.53887042	4.52537783	4.51425979
0.08137024	0.07961161	0.07980785	0.07804136	0.07862144
0.13143661	0.12975272	0.14349536	0.14804342	0.14964434
3.91762741	3.74554507	3.76125487	3.7205879	3.66175514
27.2845702	26.756227	27.6379304	28.1400691	27.5643266
7.67583596	7.52345273	7.69345194	7.84164338	7.84164338
0.67969436	0.70548831	0.77952191	0.87893335	0.94661002
1.13351115	1.1274751	1.12644732	1.13647972	1.13691047
0.00120555	0.00122929	0.00123095	0.00125375	0.00125378

3.69321863	3.62626635	3.68092875	3.80503783	3.77278968
28.8712299	26.5785182	26.3583456	29.3655073	28.3384272
1.04593615	1.08051682	1.24016981	1.75199437	1.79002875
0.0147297	0.0147297	0.0147297	0.0147297	0.0147297
0.85329368	0.87386556	0.83317732	0.86152526	0.86152526
24.0246498	8.35492464	23.4685937	20.8123548	23.1119886
0.00295428	0.00276599	0.0028285	0.00281215	0.00281215
0.01502862	0.01345162	0.01022555	0.0110354	0.00970122
0.2977124	0.29930021	0.28022095	0.28453015	0.28453015
0.26080976	0.24704613	0.24749964	0.2503421	0.25814578
0.02593293	0.02623446	0.02654062	0.02685129	0.02715294
0.17146693	0.17609355	0.1810664	0.18751771	0.19303553
0.00348721	0.00366637	0.00331056	0.00325029	0.00325145
0.13896618	0.13939108	0.14113447	0.1399141	0.13975031
0.0885664	0.09059611	0.09007732	0.08991859	0.09031681
2.76564423	2.84060595	2.9146758	2.98874723	2.98874723
0.00262856	0.00266797	0.00265534	0.00269392	0.00269557
12.7350979	13.2920254	12.1772005	12.3786565	12.906527
0.15701253	0.12736333	0.1047981	0.12631315	0.12054848
0.29600837	0.38508513	1.14976316	1.14976316	1.14976316

1.32207863	1.29709805	1.18970362	1.20655411	1.19855695
19.5407846	17.0678937	15.8125818	12.4801269	26.2694681

10.080984	8.45218066	10.2530274	11.2530202	11.3749575
0.61288577	0.62047693	0.58483089	0.59782129	0.59782129
0.00782677	0.00777789	0.00779053	0.00777378	0.0077701
0.00118575	0.0010881	0.00081654	0.00075609	0.00075609
1.67121457	1.69107491	1.58725558	1.64934052	1.65355
11.2606395	10.1648734	9.63546055	9.70512122	9.79225919
0.65418618	0.73716729	0.79480218	0.93968352	0.93968352
0.00191794	0.00195228	0.00194596	0.00197743	0.00197759
0.4333762	0.42937346	0.44222922	0.44183007	0.44374681
117.291836	93.8564918	85.2993136	75.1306071	79.0672811
0.03308947	0.0342561	0.03394856	0.03294181	0.03308204
2.01995627	1.80870915	1.79351591	1.68827397	1.57556811
4.15304165	4.20199625	4.2711547	4.30264955	4.33184218
0.06499252	0.06787986	0.06897607	0.06975693	0.06896904
0.88141688	0.80701446	0.76114708	0.67298102	0.64742322
24.1661242	23.6808236	24.1176559	26.2575307	26.0282185
13.1974032	13.2394459	13.3284132	14.2201938	16.0320317
0.00306459	0.00296224	0.00286232	0.00286563	0.00286563
2.72976248	2.44808303	2.43343719	2.48443893	2.4819021
11.9153643	11.489697	12.205204	10.9751688	11.1718728
0.02759354	0.02827037	0.02804506	0.02980233	0.02700359
1.42323632	1.40612349	1.4219857	1.39197801	1.34876075
17.6152486	16.0030321	16.975091	16.4215199	14.9703362
0.00170523	0.00154009	0.00155558	0.00156511	0.00157562
13.6548136	12.8896959	10.7267856	11.0473054	10.3377087
0.69018344	0.73290368	0.79439943	0.85380572	0.90237672
1.09341314	1.13029991	1.23933894	1.25067367	1.25080171
0.00158473	0.00159851	0.00158203	0.00159346	0.00159351
18.0473956	17.8497326	17.9207408	18.2366077	18.533657
0.03876433	0.03867119	0.03857805	0.03848491	0.03848491
3.25797763	2.86572557	2.90492253	2.87710711	2.70100192
267.3673	254.432488	271.449129	271.292532	269.612173
0.89158422	0.9130546	0.93511188	0.93512016	0.93540076
72.1022838	68.3955756	67.7289179	76.076572	70.6668982
1.45838749	1.52137943	1.37782791	1.36276721	1.25598562
8.10111284	8.05888885	8.05624175	7.95685613	7.83733794
14.0931846	12.9860507	12.9084434	12.8312998	12.7546173
0.52212797	0.62323313	0.64085409	0.6178869	0.61776881
0.46599402	0.3994594	0.40609684	0.43736708	0.42506046
0.00067577	0.00069575	0.00071882	0.00069474	0.00073199
0.00440261	0.00448876	0.00449419	0.00457964	0.00457969
1.24958028	1.26496274	1.19235512	1.21891078	1.21891078
0.00023206	0.00085662	0.00055875	0.00056288	0.00056288
3.60887842	3.7034973	3.53967873	3.6690464	3.6690464
0.02600227	0.02631415	0.02453875	0.02481894	0.02481894
0.18699212	0.18526081	0.18586256	0.17497338	0.16043427
0.69633489	0.69898896	0.77806086	0.76862047	0.76650399
1.04459766	1.02155619	0.87377569	0.80741393	0.75299037
0.17058524	0.17331404	0.18376313	0.18571964	0.17695754
0.22002211	0.2225591	0.23031999	0.23397798	0.23384991

1.20262348	1.36262202	1.38886445	1.37178002	1.31485351
0.00128668	0.00122756	0.00129163	0.00132433	0.00132433
2.83996947	2.91868723	2.86633265	2.94682633	3.08096507
2.25041772	2.39650212	2.45372409	2.50781202	2.50781202
8.77650492	7.46042401	6.70300436	6.50181691	6.44275194
1.06740551	1.10367597	1.09680816	1.12793968	1.16128053
15.4571341	15.0503065	14.930006	14.9983761	14.5303702
0.27621368	0.21336367	0.19662507	0.18323674	0.16813241
0.00073187	0.00072952	0.00071408	0.00071418	0.00071427
1.38425644	1.20617305	1.09105484	1.11128264	1.08014508
2.39401538	2.31910687	2.64794753	2.42942729	2.3816246
8.51510649	8.05225626	8.8888262	9.03070888	7.91039526
0.97013447	0.88129672	0.91616923	0.93631608	0.9300166
5.360271	5.48203363	5.76172824	6.62484328	6.80931185
7.15666341	7.65506064	8.61291879	8.82712115	8.82712115
40.9939126	42.8616062	40.7599912	33.6940936	34.2162893
0.04304465	0.04151733	0.04324564	0.04267191	0.04194049
418.855911	381.381851	411.819771	426.898428	442.042784
20.8251526	18.9061769	19.653515	19.313921	18.2570871
0.00311512	0.00293338	0.00300835	0.00300835	0.00300835
13.1763595	8.9962528	8.75200688	9.57717671	10.8209174
0.0006772	0.00065363	0.00067851	0.00069486	0.00069486
24.5548305	22.9686991	25.2821665	24.8888891	24.1370435
0.00191975	0.00197296	0.00198741	0.00204168	0.00204187
0.00164355	0.00168241	0.0016904	0.00172748	0.00172755
3.80744609	3.47214646	3.21561164	2.78643664	1.4834243
44.9559168	43.2600261	39.892873	39.919594	39.6460408
3.918415	3.99395807	4.05579935	4.40110035	4.4013221
0.54730454	0.55472892	0.66738105	1.01289653	1.25937629
5.5064E-05	4.8978E-05	5.8427E-05	5.8925E-05	6.0762E-05
0.00619566	0.00601131	0.00852177	0.00884642	0.00951632
0.00555762	0.00529545	0.00560573	0.00577276	0.00575119
1.299E-06	1.0722E-06	1.0336E-06	1.0265E-06	1.0767E-06
0.00203808	0.00234284	0.00316461	0.0022164	0.00212672
0.00053646	0.00043748	0.00045605	0.00048296	0.00050646
0.05391342	0.05840237	0.05728847	0.05657949	0.05746319
0.0516297	0.04047604	0.04676796	0.03356779	0.03280916
0.00026796	0.0002639	0.00031648	0.00030685	0.00032669
2.0002E-05	1.8023E-05	2.3179E-05	2.3021E-05	2.414E-05
0.15596206	0.14763925	0.15335832	0.15254352	0.15208623
0.06005489	0.05836159	0.06218136	0.06626165	0.06589027
0.00167709	0.00179107	0.00165007	0.00173365	0.00185369
0.00095054	0.00093856	0.0009147	0.0008951	0.00089036
0.04523307	0.04186096	0.04519958	0.04258816	0.0412982
0.00137699	0.00154831	0.0016287	0.00156744	0.00151347
0.00205823	0.00207604	0.00206481	0.00211164	0.00208831
0.02923515	0.02962081	0.03218979	0.04007513	0.0537569
0.01556679	0.01584238	0.01579558	0.01596467	0.01527364
0.00110817	0.00105639	0.00113736	0.001098	0.00114273
0.00041796	0.00035795	0.0003886	0.00038772	0.00039355

0.00175164	0.001876	0.00198637	0.00199309	0.00193329
0.00940856	0.00983589	0.00931071	0.01003286	0.01013315
0.00136464	0.00113852	0.00108043	0.00116261	0.00114536
2.1266E-05	2.1913E-05	2.6316E-05	2.5198E-05	2.6413E-05
0.02465642	0.02670764	0.02067397	0.02081507	0.02076566
2.03308075	2.24528071	2.05634324	2.25809376	2.25694668
0.00011826	0.00011128	0.00012193	0.000122	0.00012269
0.00044273	0.00041899	0.00044313	0.00046479	0.00047738
0.00298849	0.0029539	0.00300817	0.00305957	0.00313337
0.00120034	0.00105972	0.00112452	0.00124067	0.00126824
0.00021589	0.00021347	0.00021049	0.00021756	0.00022005
0.28792263	0.25197449	0.26349475	0.26913969	0.26842758
0.01892056	0.018827	0.02036549	0.02048092	0.0204487
0.09461518	0.08727885	0.06787442	0.07195366	0.07138016
4.49918518	4.46102162	4.34551263	4.17846288	4.39098291
0.001514	0.00151863	0.00169932	0.00173306	0.00169266
0.00172081	0.00173012	0.00179324	0.0018453	0.00186278
0.01279934	0.01294074	0.01310659	0.01327795	0.01330239
0.00120664	0.00121451	0.0012323	0.00126549	0.00127145
1.8325E-05	1.8374E-05	1.8632E-05	1.9543E-05	2.0072E-05
0.08722672	0.06920702	0.07509449	0.08029162	0.09472239
8.0827E-05	8.3338E-05	8.2689E-05	7.9271E-05	7.9288E-05
0.00017092	0.00017829	0.00017903	0.0001859	0.00018071
0.01279907	0.01374629	0.01368928	0.0139927	0.01405502
0.04244968	0.0437177	0.0347592	0.03471717	0.03480294
2.2181E-05	2.0101E-05	2.5816E-05	2.5641E-05	2.6881E-05
0.00264629	0.00316628	0.00366768	0.0035282	0.0037345
0.036105	0.03771286	0.03849546	0.03669966	0.03603636
0.21082102	0.21392392	0.22075778	0.2285059	0.22005917
0.000136	0.00014058	0.00013896	0.00013169	0.00013172
7.3277E-05	6.1595E-05	6.3312E-05	6.3006E-05	6.3278E-05
0.01018545	0.01021448	0.01062797	0.01026513	0.00989802
0.01395274	0.0138275	0.01371103	0.01382619	0.01404733
0.00917722	0.00801826	0.0100622	0.01009569	0.00961985
0.01307321	0.01311351	0.01191776	0.01081825	0.01101351
0.04139799	0.0327772	0.04313635	0.04150169	0.04438981
2.4981E-05	2.4875E-05	2.5457E-05	2.3598E-05	2.3606E-05
4.7308E-05	4.0184E-05	4.9114E-05	5.4218E-05	5.3911E-05
0.10116196	0.09230704	0.09477097	0.09554942	0.09319215
0.00195996	0.00127839	0.00088831	0.00090689	0.00087587
0.00897259	0.00617887	0.00642774	0.00645187	0.00681141
0.16969474	0.15814344	0.16431492	0.14723107	0.14626087
0.00067565	0.00063326	0.00064019	0.00068323	0.00067918
9.9156E-06	8.7685E-06	9.0698E-06	8.982E-06	8.9957E-06
0.09322698	0.09009853	0.11348307	0.10900545	0.10136424
0.09903904	0.09953333	0.10006797	0.10013389	0.10015694
0.07376379	0.07721407	0.07672741	0.07779298	0.07480997
0.0035793	0.00286105	0.00274333	0.00273052	0.00263979
0.01431943	0.01306803	0.01695367	0.01817077	0.01809289
0.00158499	0.00158282	0.00156539	0.0015904	0.00157524
0.00011272	0.00011272	0.00011272	0.00011272	0.0001144

0.00015839	0.00016193	0.00016031	0.00016501	0.0001619
0.00029756	0.00029907	0.00029772	0.00030282	0.00030105
0.00065015	0.00058649	0.00061369	0.00060078	0.00054517
0.00956793	0.00919278	0.00856358	0.00849954	0.00788384
1.1043E-05	9.8645E-06	1.2255E-05	1.2223E-05	1.2717E-05
4.2322E-05	4.3683E-05	5.9285E-05	6.1473E-05	6.239E-05
0.00167531	0.00185265	0.00239726	0.00253075	0.0026898
0.00087312	0.00089003	0.00090773	0.0009258	0.0009259
0.00270631	0.00320635	0.00379096	0.00380414	0.00377046
0.00277624	0.00266905	0.0022366	0.00190461	0.00235768
0.00662277	0.00558089	0.00565033	0.00710563	0.0071651
0.00441123	0.0051395	0.00533957	0.00559328	0.00568822
0.00380019	0.0036748	0.0036766	0.00368703	0.00371912
0.01773441	0.01754794	0.02061691	0.01842333	0.01818911
0.5673426	0.56766846	0.58028289	0.64070709	0.63749788
3.51310894	3.59474207	3.86050411	4.06635275	4.1662987
0.01178449	0.01139716	0.01199314	0.01227707	0.01202816
0.06507918	0.06832366	0.07015239	0.07307349	0.07425284
0.01332671	0.01206774	0.01170649	0.01315475	0.01374434
0.00011563	7.9981E-05	9.4472E-05	9.1606E-05	8.6073E-05
0.00598	0.00562455	0.0049199	0.00487353	0.00501501
0.05103733	0.0506496	0.06034798	0.057744	0.05374931
0.00390343	0.00246915	0.00231546	0.0023278	0.00239298
0.00311279	0.00303436	0.00310865	0.0039548	0.00649622
0.35049152	0.32622159	0.34582435	0.31400721	0.30338852
0.05633268	0.05603828	0.05869782	0.05875002	0.0583993
0.01781251	0.02401124	0.02543907	0.03159892	0.03252658
0.00113708	0.00067316	0.00064276	0.00060031	0.00061273
0.04223806	0.04116786	0.04241954	0.04181029	0.04190299
1.3965E-05	1.3934E-05	1.4124E-05	1.4767E-05	1.5129E-05
7.3442E-06	6.6182E-06	8.5132E-06	8.4549E-06	8.8664E-06
0.16226223	0.1598259	0.15289827	0.15172442	0.14839581
0.00851721	0.00878412	0.00947028	0.00994473	0.01017583
0.00351371	0.00332437	0.00408748	0.0041517	0.00432082
0.00209559	0.00142912	0.00153069	0.00198763	0.00335612
0.00101925	0.00103303	0.00104436	0.0010803	0.00107299
0.00190685	0.00131094	0.00161758	0.00173584	0.00176435
0.00010512	8.8465E-05	9.3063E-05	9.1892E-05	9.2918E-05
0.07122686	0.07348489	0.07515037	0.0737176	0.07373312
0.00030412	0.00030543	0.00030134	0.00031134	0.00031557
0.00558362	0.00587404	0.0062772	0.00616863	0.00569507
0.00180088	0.002045	0.00205385	0.00196389	0.00190615
0.01602832	0.01716572	0.01753318	0.01656319	0.01658755
0.00038195	0.00036854	0.00037589	0.00039181	0.00040202
0.0108287	0.00980627	0.01090583	0.00983843	0.00997447
0.00087134	0.0006856	0.0007955	0.00076053	0.00079245
0.01880212	0.01833975	0.01931275	0.01975864	0.01987982
0.00037782	0.00037781	0.00038301	0.00040148	0.00041217
0.11244463	0.10299721	0.08083563	0.09281632	0.09460047
0.00219585	0.00203067	0.00213157	0.00242311	0.00250558
0.00139086	0.00142654	0.00141042	0.00145339	0.0014234



5.3594E-05	6.1215E-05	6.7751E-05	7.4744E-05	7.3257E-05
0.02617332	0.02524267	0.02330843	0.02379066	0.0241727
0.00412789	0.00360924	0.00373522	0.00390423	0.00410383
0.02138756	0.02170463	0.02219512	0.02183504	0.02183773
0.00084299	0.00087417	0.00086484	0.00089639	0.00087446
8.6067E-05	7.6985E-05	0.00015209	0.00015598	0.00015763
0.00117116	0.00100527	0.00099595	0.00084095	0.00085366
0.00637248	0.00595319	0.00920616	0.00996647	0.01097129
0.02955522	0.02288126	0.02124972	0.02329015	0.02351404
0.00153653	0.00141317	0.0014506	0.00161619	0.00163048
0.00628832	0.00706094	0.00540015	0.0056186	0.00608365
0.00020654	0.00021874	0.00031973	0.00033295	0.00032262
0.17265897	0.17076202	0.17325968	0.17258779	0.17150454
0.00269512	0.00250794	0.00278434	0.0028182	0.00285617
0.01932258	0.01760713	0.01679757	0.01525515	0.01457873
0.03253645	0.03412507	0.03647541	0.03716033	0.03746259
0.03884784	0.04500724	0.04390949	0.04429693	0.04555574
0.02383864	0.02021904	0.02137942	0.02292939	0.0227778
0.00828743	0.00628192	0.00724481	0.00750755	0.00775568
0.23336365	0.26672406	0.27581617	0.26335744	0.25876343
0.00521467	0.0043477	0.00433308	0.0043648	0.00444487
0.03548616	0.02805223	0.02960092	0.03036406	0.03044477
0.07542926	0.05652735	0.06259856	0.06308335	0.0657052
9.025E-05	9.2071E-05	9.6075E-05	0.00010077	0.0001035
0.00342493	0.00301155	0.00298819	0.00302207	0.00304289
0.13494969	0.13497999	0.12085329	0.11899822	0.11551284
9.0299E-05	0.00011238	0.00011362	0.00011359	0.00011864
0.1031702	0.09894334	0.08029947	0.0834872	0.09084403
0.04623957	0.04572382	0.04390052	0.04527068	0.04480647
0.04963493	0.04889665	0.05085996	0.04882162	0.04882427
0.00016419	0.00016452	0.0001668	0.00017487	0.00017956
0.01109457	0.01023457	0.01025396	0.0107782	0.01164702
0.00045363	0.0004536	0.00045358	0.00045355	0.00045371
0.02388459	0.02654084	0.0289276	0.02735852	0.02812814
0.46155869	0.45578591	0.47858575	0.52834845	0.54459506
0.00454604	0.00444848	0.00476721	0.00477103	0.00479714
0.07357531	0.06708088	0.06576435	0.0695017	0.07098219
0.01197358	0.01205598	0.01080981	0.01124296	0.01123445
0.02947693	0.02839469	0.02840071	0.02827063	0.0282712
0.00633316	0.00778945	0.00627976	0.00539983	0.0051857
0.00893155	0.00880861	0.00934668	0.00969627	0.00983748
1.4058E-07	1.2943E-07	1.3252E-07	1.4376E-07	1.4781E-07
0.00011129	0.00010814	0.00010878	0.00011162	0.00011317
0.00066534	0.00066238	0.00065766	0.00066814	0.00066339
0.00143611	0.00128753	0.00159188	0.0016789	0.00178469
0.00154467	0.0015439	0.00155852	0.00158452	0.00158434
8.0468E-06	7.1497E-06	7.74E-06	7.7975E-06	7.8122E-06
3.7496E-05	3.8729E-05	3.8215E-05	4.2476E-05	4.3962E-05
0.00028035	0.00026231	0.00026161	0.00026447	0.00026577
0.02680163	0.02356923	0.02374881	0.0238865	0.02373295
0.00572315	0.00541482	0.00552234	0.00572495	0.00574877

0.17259143	0.18694242	0.18447964	0.18710508	0.18717143
0.01159235	0.01086383	0.01151648	0.01095527	0.01096669
0.00017933	0.00018833	0.00018554	0.0001946	0.00019986
0.00281984	0.00255816	0.00242128	0.00239438	0.00240142
1.7482E-05	1.5189E-05	1.7136E-05	1.7267E-05	1.7625E-05
0.00108251	0.00103755	0.0010213	0.00106772	0.00108133
0.00073911	0.00076028	0.00076925	0.00077667	0.00077087
0.46355323	0.38611345	0.32044375	0.37089796	0.35658427
0.00338792	0.00293602	0.003404	0.00311507	0.00316947
0.00032702	0.00032702	0.00032702	0.00033394	0.00032696
0.00012044	0.00011714	0.00011681	0.00011975	0.00012223
2.92E-05	2.922E-05	2.961E-05	3.1014E-05	3.1832E-05
0.00123073	0.00105064	0.0011396	0.00115974	0.00112084
0.00370408	0.00339539	0.00365531	0.00357378	0.00365205
0.10213278	0.11181542	0.12239979	0.11120008	0.10834623
0.06113222	0.05998688	0.0630676	0.05935104	0.05649846
0.05090871	0.05112402	0.05496622	0.05602814	0.05677977
0.193586	0.22081484	0.25548923	0.25904276	0.25898161
0.04918817	0.04793789	0.044255	0.02775726	0.02570164
0.05581445	0.05648269	0.0580283	0.05815331	0.05812152
1.60249696	1.5172422	1.55296803	1.49760092	1.47939535
0.00735943	0.00631359	0.00716431	0.00749225	0.00750778
7.1501E-05	6.0191E-05	6.2159E-05	6.1836E-05	6.2169E-05
0.01470554	0.010936	0.00953228	0.01151881	0.01218227
2.0036E-05	1.7364E-05	1.8994E-05	1.9218E-05	1.9479E-05
0.34674341	0.37602966	0.45527356	0.43341234	0.48560687
7.5628E-05	7.3387E-05	7.3724E-05	7.5539E-05	7.6606E-05
9.0078E-05	8.8444E-05	8.9152E-05	9.215E-05	9.3893E-05
0.00196187	0.00171512	0.00168797	0.00194697	0.00274441
0.16403737	0.15877718	0.15584645	0.15728132	0.15617936
0.06654624	0.06650667	0.06960895	0.07000785	0.07017523
0.0084835	0.00818058	0.00857367	0.00881523	0.00914832
0.00028211	0.00024954	0.00026959	0.00028061	0.00029282
0.00151481	0.00150531	0.0014965	0.0015469	0.00159523
0.00557386	0.00457893	0.00510136	0.00553251	0.00552856
1.2055E-06	1.0214E-06	1.0478E-06	1.0317E-06	1.126E-06

0.00043882	0.00035162	0.00041926	0.00042269	0.0004469
0.13097731	0.12751981	0.12879708	0.12034554	0.11411708
0.07795554	0.08494123	0.09178576	0.09572919	0.09174173
0.00151409	0.00159299	0.00209975	0.00198755	0.00216123
0.00017226	0.00014957	0.00016249	0.00016138	0.00016923
0.11465374	0.11291638	0.10581256	0.10219733	0.09772989
0.08503899	0.08753906	0.0898321	0.08714569	0.08607432
0.01741375	0.01734367	0.01784696	0.01792782	0.01965257
0.00035987	0.00036189	0.0003622	0.00034987	0.00034993
0.07215499	0.07414998	0.06801488	0.06368168	0.06180246
0.00029911	0.00050964	0.0005023	0.000496	0.00048067
0.00130074	0.00132856	0.00134498	0.00139161	0.00135796
0.05920213	0.05721028	0.066819	0.0689019	0.06501976
0.02519946	0.0217038	0.03279137	0.0295288	0.02697027

0.04517845	0.04583068	0.04654412	0.04498739	0.04681998
0.00134361	0.00119553	0.00127071	0.0012645	0.00130778
0.00498453	0.00515204	0.00539156	0.00544606	0.00525221
0.05716759	0.05743667	0.05997051	0.06363558	0.0617703
0.0016153	0.00150428	0.00152846	0.00153599	0.00154496
0.000192	0.00018289	0.00018819	0.00018559	0.0001946
0.01462166	0.01150782	0.0185433	0.01895718	0.01951539
0.39800458	0.41674624	0.41792423	0.37654083	0.3720787
0.00041297	0.00037045	0.00039769	0.00039495	0.00041172
0.00542586	0.00589535	0.00601701	0.00571114	0.00580422
0.0004128	0.00040516	0.00039705	0.00040876	0.00041614
0.00112846	0.00086741	0.00101558	0.00114906	0.00116529
0.00010559	0.00010684	0.00010739	0.00011704	0.00012045
0.15799475	0.15130581	0.15669964	0.1510292	0.15418539
0.04730073	0.04774471	0.04891501	0.0473709	0.04707237
0.16985373	0.16620939	0.19395711	0.17528265	0.17381725
2.79195218	3.08948453	3.59370131	3.85183345	3.93611263
0.00960956	0.0103425	0.01100646	0.01076275	0.01054602
0.00205165	0.00206292	0.00173063	0.00178407	0.00172591
0.00347539	0.0034753	0.00347201	0.00351731	0.00351741
0.00406626	0.00424619	0.00438965	0.00416923	0.00366239
3.3427E-05	3.2597E-05	3.3525E-05	3.5164E-05	3.6116E-05
0.02643413	0.03283817	0.03142162	0.03225462	0.03305248
7.8768E-05	8.0868E-05	8.2116E-05	7.6782E-05	7.6806E-05
0.00021282	0.00021862	0.0002229	0.00023196	0.00022492
0.00195112	0.00189994	0.00188966	0.00188293	0.00188326
0.02513841	0.02136498	0.01785087	0.01774828	0.01839297
0.00020179	0.0001756	0.0001907	0.00018939	0.0001986
0.00229552	0.00230266	0.00224803	0.0023194	0.00231479
0.05008393	0.05088283	0.05479951	0.05347723	0.05115044
0.42619201	0.42214958	0.43290073	0.40824557	0.38852549
0.00014645	0.00015034	0.00015263	0.00014221	0.00014226
0.00013049	0.0001189	0.00012262	0.00012196	0.00012398
0.1027713	0.10448607	0.12585624	0.11266256	0.11218188
0.01040273	0.00758265	0.00854276	0.00855516	0.00903751
0.07137141	0.06996983	0.07912215	0.08460222	0.0779023
0.00771165	0.00727191	0.00688754	0.00687268	0.00706612
0.1008494	0.094537	0.10688619	0.10883837	0.11011304
0.00032457	0.00034048	0.00036597	0.00033924	0.00033936
4.1866E-05	3.5539E-05	4.3437E-05	4.7951E-05	4.7679E-05
0.12825398	0.12301109	0.12989385	0.12951228	0.11450752
0.02877776	0.0293548	0.03081336	0.03254574	0.03184262
4.7067E-06	4.9901E-06	5.3032E-06	4.9158E-06	4.9175E-06
0.14927166	0.14052574	0.17142856	0.15978357	0.15957442
0.00050051	0.00048782	0.00050064	0.00052506	0.00053925
2.2289E-05	2.0627E-05	2.1417E-05	2.0208E-05	2.0998E-05
0.20447206	0.19524652	0.20129006	0.21290087	0.20018507
0.00129605	0.0012615	0.00132959	0.00138595	0.00135851
0.35857041	0.35449174	0.37618305	0.35131988	0.33451051
0.0011071	0.00116383	0.00093817	0.00100838	0.0010517
0.00746689	0.00874877	0.01046189	0.0117961	0.01143224

0.00013582	5.4058E-05	5.8733E-05	6.3128E-05	6.5841E-05
0.00087386	0.00089362	0.00090168	0.00092924	0.00090842
0.00068449	0.00068449	0.00068449	0.00068449	0.00071279
0.00014223	0.00014575	0.00014782	0.00015343	0.00014919
0.00013272	0.00013542	0.00013658	0.00014039	0.00013797
0.00114973	0.00110836	0.00098802	0.00092876	0.00080648
0.02297718	0.02090188	0.02300182	0.02052251	0.01817706
8.0339E-05	6.985E-05	7.5863E-05	7.5343E-05	7.901E-05
0.00028219	0.00028404	0.00028264	0.00028937	0.000294
0.04690695	0.04656169	0.07453501	0.07552844	0.07567779
0.00132178	0.00134396	0.00136719	0.00139089	0.00140645
0.00112138	0.00110343	0.00107691	0.00098604	0.00105518
0.01876089	0.02278014	0.02265029	0.02220342	0.02338554
0.02124787	0.01786404	0.01653276	0.0166037	0.01681111
0.01080798	0.01183377	0.01308707	0.01268629	0.01266788
0.00095414	0.00092265	0.00092788	0.00092153	0.00096637
0.03352013	0.03314916	0.03509748	0.03344761	0.03243842
0.28640155	0.27134369	0.31474726	0.40016198	0.40797654
0.91316865	0.94102426	0.97647864	1.06251254	1.09961134
0.02218878	0.02278342	0.02195622	0.02300053	0.02251487
0.22127642	0.24425136	0.25298192	0.26074446	0.26668031
0.09878478	0.08115507	0.07931699	0.08872597	0.09178446
5.6591E-06	2.0039E-06	2.8948E-06	3.4601E-06	3.2505E-06
0.03006727	0.03178753	0.0335696	0.03481936	0.0354952
0.24819799	0.24201771	0.24469006	0.24557502	0.22631281
0.00336981	0.0035225	0.00363809	0.00354437	0.00402171
0.01178551	0.01125511	0.01105752	0.01069545	0.01101091
0.64562086	0.64181987	0.66409109	0.64350238	0.61735201
0.03435837	0.03440919	0.04329312	0.04364652	0.04299086
0.00288745	0.00299069	0.00382817	0.00390764	0.00390808
0.00063911	0.0007206	0.00084954	0.00079563	0.00081402
0.00321536	0.00253481	0.002215	0.00222447	0.00230767
2.2975E-05	2.2411E-05	2.3041E-05	2.4163E-05	2.4815E-05
6.6909E-05	5.8175E-05	6.3182E-05	6.2749E-05	6.5803E-05
0.23609045	0.23744449	0.25501727	0.25148833	0.24590186
0.06765465	0.06739905	0.07133535	0.07393493	0.07534134
0.00450322	0.00456122	0.00500555	0.00515735	0.00552365
0.01492163	0.01203126	0.00744995	0.00738154	0.00738049
0.00049638	0.00050863	0.00051763	0.00053717	0.00052717
0.03251162	0.02807649	0.02952918	0.02967499	0.03182422
0.00027634	0.00024627	0.00025828	0.00025576	0.00026338
0.00773606	0.0066744	0.00546283	0.00501364	0.0050462
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0.00155063	0.00144633	0.00169415	0.00162441	0.00164481
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0.00728905	0.00841157	0.00920437	0.00884492	0.00897924
0.00410379	0.00390989	0.00432535	0.00450075	0.00487165
0.00383918	0.0032866	0.00346001	0.00353052	0.00356757
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0.00062647	0.00047657	0.00064801	0.00071821	0.00074392
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2.1626E-05	2.6692E-05	1.2499E-05	1.4128E-05	1.4323E-05
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0.02147496	0.02379464	0.02432803	0.0232958	0.02257738
0.01524035	0.01296759	0.01384111	0.01390267	0.01396239
0.14367106	0.16526829	0.17669558	0.1569979	0.15371959
0.02157111	0.02013193	0.02230917	0.02197346	0.02203608
5.208E-08	4.452E-08	2.94E-08	3.0837E-08	3.1672E-08
0.01997749	0.02046058	0.01924457	0.01955125	0.01969341
0.02943673	0.02878701	0.0311056	0.03187031	0.03294956
0.04506848	0.04967746	0.05372561	0.04890501	0.04635927
0.00625925	0.00459725	0.00464837	0.00659079	0.00980876
0.02673683	0.02352647	0.02547772	0.02700278	0.02746814
0.04711383	0.04817107	0.04572773	0.0450591	0.04723842
0.00046874	0.0004782	0.00049899	0.00052338	0.00053756
0.00204094	0.00168716	0.00162963	0.00165925	0.00169292
0.11202276	0.11853263	0.12001961	0.11333169	0.112014
0.0053949	0.00575335	0.00565232	0.00558582	0.00613522
0.00353839	0.00310935	0.00254591	0.00264953	0.00286525
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1.2414E-06	1.1732E-06	1.2091E-06	8.2194E-07	8.8892E-07
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0.66730143	0.64091635	0.69964915	0.7178443	0.7283895
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0.30572997	0.30688903	0.31843369	0.32523408	0.34163636
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0.05765156	0.0571123	0.05772874	0.0600291	0.05781736
4.0594E-06	3.7397E-06	3.8133E-06	4.1316E-06	4.2498E-06
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0.00031614	0.00032089	0.00032358	0.00033291	0.00032651
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2.9426E-05	2.7804E-05	2.8509E-05	2.8888E-05	2.8998E-05
4.0171E-05	4.1232E-05	4.1842E-05	4.7612E-05	4.9644E-05

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0.21715565	0.20444012	0.23237366	0.2228812	0.22352429
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0.00024266	0.00024951	0.00025353	0.00026592	0.00027313
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5.1742E-05	5.0457E-05	5.1887E-05	5.4421E-05	5.5893E-05
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6.1798E-05	5.5386E-05	5.9106E-05	5.9197E-05	6.1133E-05
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0.07608426	0.07935518	0.08323848	0.08220227	0.08521459
0.00260646	0.00308198	0.00308626	0.00308626	0.00309577
0.00988876	0.01082937	0.01063159	0.01023603	0.01031066

0.17327616	0.17485699	0.18626204	0.19442946	0.19369524
0.00279216	0.00280703	0.00295794	0.00286739	0.00277897
0.08961738	0.09450158	0.09456702	0.0889191	0.08540317
0.11641002	0.11941386	0.13082368	0.12217113	0.12018253
0.10901274	0.10208052	0.08959456	0.08311923	0.08725343
0.4751314	0.50300133	0.53442856	0.56782121	0.57824997

0.0000084	0.0000084	0.0000084	0.0000084	0.0000084
3.5806E-05	5.3423E-05	5.7737E-05	6.3092E-05	6.7103E-05
0.02178497	0.01849901	0.02016733	0.01821798	0.01624356
0.00179854	0.00179854	0.00179854	0.00179854	0.00179854
0.00331367	0.00310336	0.00297659	0.00285242	0.00232905
0.00035951	0.00035364	0.00043913	0.00046695	0.00043701
0.08336015	0.08410274	0.08712802	0.07986735	0.08752621
0.04432782	0.04621134	0.04854291	0.04344866	0.04035113
0.52804048	0.51011985	0.55835973	0.49829274	0.51092566
0.75433123	0.75835181	0.76363602	0.7692647	0.778714
0.00737694	0.00606146	0.00655538	0.00665479	0.0066578
0.08346074	0.0787801	0.07793603	0.0748411	0.08393472
0.01288356	0.01150843	0.01514224	0.01362628	0.014309
0.00644	0.00670082	0.00677627	0.00681764	0.00662309
0.0114181	0.01425604	0.01421197	0.01255828	0.01190739
0.06416767	0.06601321	0.06608749	0.06503512	0.06831759
2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06	2.2848E-06
0.32098198	0.31453028	0.30820827	0.30201333	0.29833914
0.01717614	0.02125611	0.02464088	0.02245302	0.02193779
0.164612	0.15819651	0.17108965	0.16332092	0.156223
0.11079304	0.09921344	0.10579949	0.03475736	0.03629748
0.97089815	1.00050553	1.01301026	1.06041231	1.0647583
0.0012936	0.00082799	0.00088237	0.00091851	0.00088595
0.104272	0.07536137	0.09758332	0.101448	0.1036399
0.15113212	0.1128445	0.15128388	0.12689538	0.12198364
0.0095942	0.0041272	0.0041272	0.0041272	0.0041272
0.00088847	0.00069312	0.00077409	0.0007705	0.00081041
0.01111685	0.01246084	0.01312414	0.01375138	0.01410678
0.0385059	0.02303305	0.04469982	0.05124384	0.0535375
0.0001235	0.00010192	9.8215E-05	9.7543E-05	0.00010229
0.12276033	0.05857128	0.0650385	0.08077363	0.09650875
0.00553646	0.00398614	0.00419056	0.00425658	0.00429881
0.00432963	0.0034181	0.00382127	0.00397436	0.00416777
0.12015144	0.10100435	0.11931692	0.1373315	0.14114399
0.24879335	0.19028138	0.24085913	0.25464853	0.24388545
0.01943683	0.01854894	0.01978995	0.01945855	0.0205649
0.00054152	0.00042246	0.00047181	0.00046963	0.00049395
0.2066034	0.18966208	0.18637276	0.18098691	0.19084641
0.02684941	0.022409	0.02302515	0.02264625	0.02179074
0.03633684	0.03120644	0.0362555	0.03836992	0.0395547
0.00260447	0.00273224	0.00279179	0.00259306	0.00259333
0.0336066	0.03041241	0.03651275	0.03763509	0.03515606
0.0457653	0.04765651	0.03682815	0.03835197	0.03716235
0.01609458	0.01688412	0.0172521	0.01798437	0.0174269
0.16257139	0.13953692	0.14252479	0.14394868	0.13497497
0.04857316	0.04622266	0.04619501	0.04581412	0.04466565
0.01261136	0.01092287	0.01192483	0.01182279	0.01182358
0.00281967	0.00219967	0.00245665	0.00244525	0.0025719



0.01211802	0.01175772	0.01318499	0.01369267	0.01391386
0.04484321	0.04051956	0.03963779	0.03662233	0.03701192
0.00042576	0.00033216	0.00037097	0.00039152	0.00041706
0.00057025	0.0004832	0.00051194	0.00050957	0.00053596
0.06101167	0.04766217	0.06155154	0.06381876	0.0664761
0.72133921	0.66305129	0.7064372	0.75107999	0.77263417
0.00118147	0.00092167	0.00102934	0.00102457	0.00107764
0.00880804	0.00811321	0.00780236	0.00818379	0.00840545
0.00200749	0.00225864	0.00237986	0.00249564	0.00256043
0.01807447	0.01670567	0.01689577	0.01818965	0.01875195
0.00102225	0.00107234	0.00109572	0.00125609	0.00131191
0.62297289	0.52528558	0.54583625	0.56054685	0.57043497
0.02598002	0.02307355	0.02335245	0.02262264	0.02267295
0.06002897	0.05269268	0.06002048	0.06700107	0.06817345
5.28689564	5.21734982	5.55305067	5.82163317	6.40532817
0.02702809	0.02766581	0.03342594	0.03500445	0.03390641
0.02254938	0.02266855	0.02349766	0.02692723	0.02813821
0.01411944	0.01549268	0.01519049	0.0176265	0.0183111
0.00704457	0.00660715	0.00670691	0.00770433	0.00804291
0.00012591	0.0001361	0.00014539	0.0001524	0.00015605
0.15674426	0.13459462	0.17282211	0.18275218	0.18726116
0.00115883	0.00121573	0.00124222	0.0011538	0.00115392
0.00339255	0.00355892	0.00363648	0.00379083	0.00367333
0.02723264	0.0224691	0.02581864	0.02593286	0.02756423
0.0065821	0.00555011	0.00534692	0.00531261	0.00557798
0.00060006	0.00046811	0.0005228	0.00052037	0.00054732
0.0039698	0.00339292	0.00360453	0.00360372	0.00356146
0.03750068	0.03433223	0.04337578	0.04323458	0.04142643
0.27042808	0.24968398	0.21278167	0.20414544	0.19046136
0.00222509	0.00233424	0.00238511	0.00221534	0.00221556
0.00013167	0.00010272	0.00011472	0.00011418	0.0001201
0.01652759	0.01515707	0.01564777	0.01542876	0.01515934
0.02930001	0.02658185	0.03159317	0.03136916	0.03296459
0.26059651	0.23387736	0.25240827	0.26158964	0.2745705
0.08342266	0.06720678	0.08344964	0.08905305	0.09524148
0.47971508	0.51566313	0.47746324	0.45291861	0.44420013
0.00086973	0.00086433	0.00088967	0.0008249	0.00082532
0.00087343	0.00074181	0.00090662	0.00100098	0.00099535
0.15581324	0.12485542	0.14732163	0.15834422	0.14808544
0.00703871	0.00843629	0.01059813	0.010558	0.01030106
0.03580187	0.03638515	0.03811196	0.03529016	0.03530479
0.02271284	0.02226751	0.02358555	0.02079806	0.01809369
0.0019197	0.00207508	0.00221667	0.00232356	0.00237921
3.3805E-05	2.638E-05	2.9462E-05	3.0116E-05	3.0536E-05
0.16400609	0.14216956	0.16714881	0.18163637	0.17184935
0.00180702	0.00154516	0.00155374	0.00178058	0.00186077
0.14119476	0.1128478	0.12169098	0.12925935	0.12772371
0.02012752	0.01856939	0.01968383	0.02054331	0.02095534
0.05794808	0.0642769	0.07138463	0.06634131	0.06426958
0.00070249	0.00065192	0.00064931	0.00067327	0.00068332
0.01035745	0.0108656	0.01110241	0.01157366	0.0112149

0.00160077	0.00160077	0.00160077	0.00160077	0.00168096
0.00203095	0.00213053	0.00217696	0.00226936	0.00219902
0.00115541	0.00121214	0.00123856	0.00129113	0.00125111
0.00318876	0.0028215	0.00291112	0.00333625	0.00348669
0.06501008	0.05298066	0.05490097	0.05764102	0.05622192
0.00023896	0.00018643	0.00020821	0.00020724	0.00021798
0.00020436	0.00015991	0.00017049	0.00018313	0.00017751
0.04460065	0.0409726	0.04859764	0.05130431	0.05452893
0.00052567	0.00052567	0.00052567	0.00052567	0.00053167
0.00431851	0.00428406	0.00504887	0.00515562	0.00520361
0.02343261	0.02210557	0.02054276	0.01634803	0.02029793
0.01903769	0.01604256	0.02077238	0.02124101	0.02258692
0.01277699	0.0103591	0.01109072	0.01172864	0.01167986
0.00645	0.00623716	0.00612474	0.00608282	0.00637883
0.02119821	0.01785927	0.01829572	0.01874012	0.0174883
0.86872981	0.76429159	0.81207459	0.88161213	0.88815202
1.8558894	1.66878921	1.96009922	2.12250184	2.24054219
0.00999913	0.00798468	0.0082864	0.00882138	0.00847311
2.29997013	2.3823234	2.44427794	2.54808425	2.59716388
0.10321904	0.08506064	0.10682491	0.12040457	0.12775058
0.00241277	0.00202302	0.00200601	0.00211729	0.00214208
0.052728	0.04665713	0.05103753	0.05403997	0.05326281
0.38978469	0.30913074	0.34867548	0.3485263	0.3350756
0.01254949	0.00778705	0.0115899	0.01152985	0.01213158
0.02510053	0.02065867	0.02369128	0.02347562	0.02347292
0.53670686	0.4944856	0.48720825	0.49083313	0.46909695
0.09481969	0.12667436	0.12041351	0.11843776	0.12538821
0.06638402	0.06422532	0.06892075	0.06737468	0.06740122
0.00416823	0.00553486	0.00653817	0.00687628	0.00691425
0.02632142	0.02809462	0.02893542	0.03033623	0.03112401
8.6076E-05	9.3062E-05	9.9412E-05	0.00010421	0.0001067
0.00019902	0.00015527	0.00017341	0.0001726	0.00018154
0.22477167	0.21181326	0.21743821	0.2235081	0.21940123
0.05151734	0.04129591	0.05138338	0.0488407	0.04833877
0.00749574	0.00746135	0.00761469	0.00798708	0.00820358
0.03000648	0.02640683	0.02606393	0.0258246	0.02582095
0.00478397	0.00501865	0.00512803	0.00534569	0.00517999
0.16924708	0.1804663	0.18157461	0.2004448	0.19931096
0.0004966	0.00038739	0.00043265	0.00043064	0.00045295
0.06499829	0.05705838	0.06262593	0.05238622	0.05747967
0.00268697	0.00281878	0.00288021	0.00310331	0.00319785
0.01432819	0.01335588	0.01286128	0.01222546	0.01199318
0.00465427	0.00356254	0.00391523	0.00362328	0.00342812
0.00658196	0.00596498	0.00560946	0.00532369	0.00515724
0.00345978	0.00372612	0.00397224	0.00415556	0.0042577
0.07163356	0.06330834	0.07107742	0.06719244	0.06663389
0.00846541	0.00770711	0.00915156	0.00954096	0.00965599
0.00702348	0.00617998	0.00713804	0.00673234	0.00671829
0.00690819	0.0077728	0.00818996	0.0085884	0.00881136
0.75039565	0.55232103	0.54938339	0.68889478	0.70049554
0.00657527	0.00514049	0.00552483	0.00576242	0.00581128

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0.00123527	0.00104843	0.00109744	0.00115017	0.00108085
0.04377307	0.04170378	0.03593448	0.03707421	0.03795985
0.01007352	0.01080758	0.01048958	0.01100178	0.01130712
0.01866361	0.01753576	0.02180603	0.02039647	0.02040489
0.01434328	0.01504685	0.01537479	0.01602737	0.01553056
0.00157631	0.00115275	0.00137653	0.00157631	0.00165528
0.00815914	0.00705463	0.00705422	0.00796285	0.0079612
0.00491582	0.00515698	0.00526937	0.00489429	0.00489479
0.40489492	0.32575423	0.30860074	0.37189503	0.41522805
0.01391976	0.0128001	0.01313818	0.01421307	0.01462937
0.00321766	0.0034781	0.00371541	0.00389458	0.00398785
0.00860098	0.0082191	0.00974473	0.01014772	0.0098333
0.52892979	0.46337703	0.52174446	0.54351906	0.526653
0.00929844	0.0093106	0.01033047	0.0108837	0.01159952
0.07194357	0.06024474	0.06356824	0.06454587	0.06509035
0.0354109	0.03370297	0.03525628	0.0363332	0.03695917
0.0144501	0.02068624	0.02483112	0.02604925	0.02676009
0.08877074	0.07736715	0.07374276	0.07295704	0.07760701
0.04148276	0.03405188	0.03579932	0.04087474	0.04195995
0.44457824	0.50821294	0.53754863	0.50394945	0.4240204
0.02382791	0.01709122	0.0219948	0.02323608	0.02470361
0.11582655	0.08947379	0.09662776	0.10318701	0.10598735
0.16467787	0.13723367	0.15551983	0.17036376	0.17791039
0.00137301	0.00139728	0.00145761	0.00152662	0.00156119
0.0134358	0.01093568	0.01118142	0.01171773	0.01201706
0.22618537	0.20355184	0.21301655	0.21703335	0.21395193
0.00891157	0.00825067	0.00847673	0.00844478	0.0088877
0.01479851	0.014448	0.01260527	0.01315927	0.01394542
0.02515103	0.02088891	0.02263205	0.0247261	0.02295787
0.030033	0.02738893	0.03162225	0.0282579	0.02882656
0.0011145	0.00120473	0.00128693	0.00134899	0.0013813
0.03324172	0.03080346	0.03314253	0.03829601	0.04021576
0.00719889	0.00719889	0.00719889	0.00719889	0.00720292
0.02584466	0.02378809	0.02429725	0.02433537	0.023543
0.87026445	0.82301606	0.89355584	0.91726207	0.92693263
0.0044667	0.00404222	0.00455904	0.004226	0.00422749
0.38788116	0.33704292	0.35747528	0.38537556	0.4026136
0.02993581	0.02764099	0.03121508	0.03245883	0.0330065
0.06856505	0.06247731	0.07012795	0.06502961	0.06505458
1.77512997	1.62177001	1.67052136	1.78462322	1.80431099
0.01419488	0.0135316	0.01598522	0.01791906	0.01735279
0.02848111	0.02822435	0.02824786	0.02796728	0.03120283
7.0667E-05	6.528E-05	6.528E-05	7.0278E-05	7.2451E-05
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0.00310614	0.00325857	0.00332959	0.00347091	0.00336332
0.01816416	0.01559846	0.01925948	0.0203319	0.02160984
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2.8909E-05	2.4585E-05	2.6003E-05	2.6421E-05	2.6616E-05
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0.00546216	0.00537652	0.00579973	0.00624383	0.0064368
0.00391426	0.00410622	0.00419572	0.00440152	0.0045208
0.01537106	0.01401864	0.01308436	0.01298598	0.01299136
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0.00656485	0.00592223	0.0057394	0.00657945	0.00687183
0.00671998	0.00759054	0.00800298	0.00833693	0.00808231
0.35040635	0.33101069	0.29971813	0.32354313	0.32648639
0.0056916	0.00735326	0.00787775	0.00828652	0.00833184
0.04003978	0.0400284	0.0400313	0.04104311	0.04100009
0.00124034	0.00138884	0.00146604	0.00153726	0.00157666
0.00019461	0.00021037	0.00022472	0.00023556	0.0002412
0.0123244	0.01044131	0.01005637	0.01082247	0.01109537
0.04043515	0.03923665	0.04245061	0.04337979	0.04317259
0.31604532	0.28882158	0.29762442	0.29653426	0.3089343
0.15231987	0.15399492	0.14407384	0.13274551	0.12542667
0.04775725	0.04877746	0.05695698	0.05280554	0.05283011
0.02406952	0.02255913	0.02547089	0.02378093	0.02376446
0.10482377	0.09049684	0.09942945	0.08646087	0.08790975
0.01828624	0.01608006	0.01753861	0.01795807	0.01817704
3.72148485	3.23850125	3.55052283	3.59755017	3.61518701
0.11884317	0.11839664	0.13561435	0.13942988	0.13586198
0.00016116	0.00012572	0.00014041	0.00013976	0.000147
0.16576132	0.06235554	0.06000664	0.07397379	0.09660855
0.00012616	9.8429E-05	0.00010993	0.00010942	0.00011509
0.21746125	0.18376627	0.17433713	0.18846336	0.21044516
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0.00041451	0.00044807	0.00047864	0.00050172	0.00051374
0.0108258	0.00977265	0.00965838	0.0095697	0.00956834
0.23635522	0.19974645	0.21539275	0.21293417	0.21747055
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0.01362628	0.01015711	0.01093498	0.00990717	0.00992264
0.01631942	0.01641659	0.01652462	0.01662397	0.01674013
1.73375722	1.77685496	1.81995126	1.86468592	1.90868908
2.84508269	2.94033594	3.03538974	3.13171593	3.22880608
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0.50295851	0.51179794	0.52151458	0.53139828	0.54115149
0.03841909	0.03862836	0.03882199	0.03903365	0.03927588
6.69594518	6.81199317	6.88058998	7.04092021	7.15720329
9.96550573	9.8506037	9.90834692	10.0794522	10.1204294
0.45048303	0.45401168	0.45694402	0.4609063	0.46536972
0.04041807	0.04083004	0.04127237	0.04173168	0.04218158
12.57636	11.7921657	11.7257619	11.7460093	11.7174537
2.22723596	2.21373659	2.29649369	2.34957066	2.38980051
2.84811311	2.88152596	2.91043049	2.93424023	2.96173758
0.8499356	0.87561035	0.90257113	0.93007318	0.95787029
2.43378934	2.42689856	2.46289034	2.33104855	2.27262349
1.16457692	1.19649351	1.22983274	1.26321714	1.29645705
2.01185361	2.06958764	2.14350676	2.21752017	2.29015856

12.4761377	13.8448016	14.1520748	14.6828827	15.248446
5.63204097	5.73519124	5.6057057	5.4445582	5.27097755
0.90411946	0.92618558	0.95028622	0.97521173	0.99880213
0.28537271	0.28845574	0.29147864	0.29455493	0.29773411
0.87139816	0.88836108	0.9036791	0.91860368	0.92825283
5.45958833	5.62824313	5.66674096	5.72062162	5.76147947
0.25418731	0.25497297	0.26252203	0.26807079	0.27370441
0.0181269	0.01805366	0.01782049	0.01764754	0.01749601
0.72178791	0.73246132	0.74619856	0.76167863	0.77718415
117.305746	118.603433	120.149239	124.14104	124.715525
0.11553638	0.11516813	0.1154794	0.11567846	0.11582099
0.0987578	0.10024445	0.10198035	0.10343138	0.10493015
0.13128183	0.13571712	0.13991575	0.14428143	0.14841807
0.40849493	0.41952869	0.43105411	0.44267474	0.4541502
0.3532908	0.36250583	0.37285642	0.38367311	0.39424208
20.0842075	20.4354377	20.693851	20.7894011	21.1904423
0.23203544	0.22720279	0.23019251	0.22873576	0.22849767
11.5752357	11.4693941	11.1964449	10.8008216	10.8393577
315.641699	324.041245	334.513758	344.419328	356.362456
2.23726382	2.30996065	2.38330356	2.46078851	2.53783772
2.80028036	2.89492638	2.99747832	3.09675821	3.19493544
10.2394713	10.6604216	11.0549404	11.4642716	11.8842602
0.65853774	0.67496602	0.6901986	0.70576108	0.72220116
0.00437194	0.00435755	0.00432981	0.0043229	0.00431398
19.7580109	20.0615986	20.4319838	20.7823577	21.2526127
0.13668877	0.14005325	0.14351023	0.14706538	0.1505528
0.05561733	0.05674266	0.05792852	0.05915998	0.06030936
1.96175556	2.00380062	2.04603359	2.08986687	2.13304522
4.32292696	4.33491517	4.38083557	4.41015277	4.43634765
0.01782138	0.01808231	0.01835061	0.01859672	0.01886255
1.42472281	1.36925056	1.52911916	1.70537084	1.92726095
5.11611366	5.22500184	5.32537127	5.43770857	5.48947544
12.6512887	12.2483442	11.5980332	10.8853078	10.200326
0.4281308	0.44248149	0.45812741	0.47434457	0.48516504
0.02545228	0.02559464	0.02572107	0.02572252	0.02587615
2.80793951	2.73063059	2.78869768	2.82692359	2.92206855
3.76454208	3.87446755	3.98476371	4.09508111	4.20573006
15.7908796	16.0631701	18.7772637	19.2308789	19.3974026
4.1744125	4.22965951	4.29519841	4.35604342	4.41667835
13.0886821	13.6212659	14.1608129	14.7246946	15.3191689
0.6005496	0.61301735	0.62540791	0.63794397	0.650309
0.16240967	0.16413129	0.16526845	0.16636758	0.16765299
15.1277521	15.1815347	15.0753485	14.846935	14.7818688
1.77338251	0.74040299	0.77444671	0.76130305	0.7360265
10.9797981	11.3119423	11.62546	11.9551165	12.2757447
3.63470336	3.59201591	3.61047517	2.95953108	2.38949954
0.40788534	0.41288852	0.42025786	0.42814331	0.43612625
0.0007456	0.0007523	0.00075329	0.00075922	0.00076542
18.6829293	17.0868778	16.6676806	16.1921086	15.4872094
0.02022237	0.02023945	0.02024941	0.0202629	0.0202716
0.23279725	0.23781578	0.24386401	0.24900913	0.25427896

9.51330797	9.32993172	9.22149706	9.10712418	9.00051318
1.57292296	1.58599085	1.59962118	1.61835142	1.63618875
2.18017892	2.21852318	2.25694734	2.29657159	2.33539633
0.01340487	0.01357629	0.01377123	0.0139691	0.01415537
1.96057615	2.02721706	2.10248981	2.17984143	2.25315142
0.07822679	0.07788719	0.07815171	0.0784136	0.07868686
0.24287054	0.25040787	0.25809424	0.26592916	0.27397768
0.28456971	0.29321249	0.30202319	0.31111859	0.31976224
0.35708371	0.34972366	0.3656257	0.35731166	0.33612586
4.61628382	4.16084833	4.08064316	4.00369724	3.88416267
0.03324332	0.03374548	0.03419909	0.03473749	0.03521965
0.05197954	0.05196185	0.05195699	0.05194985	0.05193968
6.39804896	6.55436753	6.71277548	6.88414253	7.05346494
0.0462729	0.04749549	0.04859196	0.04976978	0.05090809
0.41765116	0.42275349	0.42613152	0.42975951	0.43418393
4.46552417	4.51142396	4.55803652	4.60592536	4.6531288
2.84716824	2.92545777	3.01076285	3.09639448	3.17973992
1.44965437	1.36093012	1.27129819	1.22018459	1.16370005
1.03126601	1.04504493	1.05854767	1.07236045	1.08600114
3.40044705	3.58781085	3.67403773	3.63517655	3.728224
46.2678249	47.9094651	48.1700916	48.1391379	48.5761261
118.316915	119.402325	121.550457	122.235556	124.713168
0.76305351	0.74397823	0.67903864	0.63492171	0.54866264
12.9842793	13.413759	13.5950577	13.8997521	14.1022555
10.3007321	10.6036879	10.9098815	11.2266332	11.5223114
0.29727785	0.25873762	0.26001517	0.26113501	0.2507128
6.25636925	6.37132898	6.4864536	6.60535185	6.72241898
13.2649378	12.2589553	11.9328114	11.2343853	10.5099846
0.26499353	0.2635669	0.26448021	0.26471199	0.26497687
4.17005666	4.30108449	4.41052699	4.52112758	4.63052482
7.23612051	6.95160191	6.92928455	6.67306634	6.47361568
4.75724891	4.36199412	4.38739452	4.41897696	4.41109235
2.55438052	2.64521343	2.73278466	2.82384948	2.91421568
2.29334134	2.30332707	2.31942785	2.34249717	2.3649156
1.16316802	1.19748695	1.23302327	1.26859647	1.30331239
0.01905316	0.01948877	0.01986278	0.02029281	0.02071768
0.02858372	0.02891801	0.02926994	0.02958824	0.02991256
14.0072987	16.5747832	19.5800488	19.9479421	19.619447
9.13586755	9.39375987	9.59287608	9.815503	10.0133993
0.49952049	0.50651089	0.4687689	0.46394029	0.47432088
3.1057945	3.17749543	3.22960262	3.28223843	3.33333461
0.45980708	0.47087626	0.48220094	0.49382403	0.50552587
2.61546527	2.64467462	2.70484208	2.76660764	2.81924357
0.03008277	0.0303165	0.03059749	0.03094217	0.03119791
4.20687865	4.26269423	4.32232851	4.38133269	4.4386177
0.15476227	0.15828018	0.16147519	0.16481026	0.16813052
0.94664611	0.77995843	0.68839432	0.54065535	0.48494701
0.07997842	0.05338619	0.05209865	0.04857261	0.04497904
0.77081471	0.75806289	0.78007923	0.77586086	0.76974482
0.03567856	0.03609399	0.0366229	0.03710305	0.03754933
17.8197638	18.2311564	18.6460896	19.0700535	19.4892795

0.86751627	0.92846145	1.00795181	1.01242193	1.02622081
1.96648232	2.04157303	2.11858249	2.19821327	2.27720413
0.12305385	0.12736988	0.13162444	0.13605219	0.14033333
58.5517028	59.6320051	60.1663366	61.1928418	62.2295575
0.57759463	0.62531195	0.63033562	0.63876169	0.65431461
1.15752459	1.20381848	1.24759879	1.29449106	1.34091795
0.10142764	0.09730212	0.09853475	0.09766505	0.09770341
3.26087485	3.33210207	3.38053049	3.40801573	3.44616702
0.47509688	0.51330007	0.50534951	0.51833796	0.53170119
1.5662836	1.62319138	1.68757078	1.74771107	1.80848832
0.70693842	0.72804413	0.74878714	0.77008027	0.79123089
0.05901299	0.05892794	0.05908557	0.05920973	0.05937193
0.49375742	0.49426984	0.49663432	0.49845834	0.50043825
1.01809293	1.05781677	1.08832615	1.12527718	1.16260906
11.5051834	11.8025339	12.0846435	12.3785332	12.6709418
0.28821708	0.29581802	0.30320205	0.31075836	0.31829095
0.05059213	0.05154046	0.05246766	0.05337129	0.05423426
1.00770285	1.04609538	1.0843041	1.12429805	1.16526509
26.53188	27.3457137	28.1581565	28.9508449	29.7605332
1.25775842	1.27865649	1.29822576	1.31970034	1.33863648
5.16520725	4.60787435	4.61851487	4.60738935	4.46937803
0.66639917	0.72053401	0.74696321	0.75704018	0.76396805
1.93201779	1.96263646	1.97875731	1.99963461	2.02015848
4.74998683	4.61564288	4.64615686	4.69945648	4.70416256
3.16110376	3.31258877	3.4631245	3.62037107	3.78012726
19.9729121	21.62087	22.3474623	22.5901425	22.9644802
1.32873757	1.35714498	1.38999131	1.42172763	1.45258344
7.11913605	7.23063623	7.34828631	7.47769447	7.60548507
9.48602758	9.68752978	9.8656956	10.0847464	10.3012091
0.0039917	0.00405773	0.00407425	0.00417201	0.00422891
0.76174335	0.77759352	0.79309569	0.80822939	0.82343762
9.32210471	9.06942941	9.20527467	9.13647305	9.1443847
1.09231555	1.08646861	1.07963016	1.07300052	1.06572966
4.13779221	4.16550231	4.19470626	4.22403355	4.25279133
3.5295834	3.61629712	3.76619812	3.89095359	3.97918129
0.54308826	0.55690441	0.56559518	0.57639678	0.5870851
0.04496028	0.04548931	0.04599637	0.04645308	0.04689183
2.9959231	3.05545681	3.07448457	3.12364702	3.30895175
0.08655413	0.08721629	0.08788188	0.08851456	0.0892384
8.94370299	8.46677701	8.71319451	8.82327738	8.9588712
117.015648	120.429721	124.562038	128.700453	133.426797
0.91412558	0.9399405	0.96505869	0.99101346	1.01701173
28.4184959	29.153218	29.7564305	30.4026068	31.0620213
1.78494765	1.7828269	1.77823894	1.78640187	1.79194836
8.0346356	8.23839947	8.64162437	8.86670119	9.07792584
1.57336719	1.62023661	1.66659328	1.71433372	1.76169068
4.14623222	4.00788576	4.24820277	4.4233843	4.85055038
0.00041637	0.000417	0.00041819	0.00041792	0.00041754
0.17416543	0.17916485	0.18423481	0.18938647	0.1944164
0.64041734	0.65214732	0.66680547	0.68168391	0.69544133
1.35987942	1.37694636	1.40342046	1.42810906	1.45266076

2.20378167	2.26503393	2.33375357	2.40465948	2.47492833
0.00524454	0.00524666	0.00528291	0.00528332	0.00528389
0.02239781	0.02312706	0.0238444	0.02455272	0.02531027
0.2237595	0.22483743	0.22651016	0.22779495	0.22926429
3.34065423	3.41797269	3.50701233	3.38873911	3.34045801
0.46321081	0.46913775	0.44694372	0.41070628	0.40334018
3.14241233	3.16723933	3.13265742	3.14766843	3.14935744
0.14847269	0.14548797	0.14837831	0.15084814	0.15327939
0.05797079	0.05902205	0.06010659	0.06112649	0.06213874
2.19151831	1.85731033	1.3421638	1.00793533	1.0218672
0.00522653	0.00468619	0.00407485	0.00359295	0.00313988
1.58091499	1.62614251	1.66880435	1.71172547	1.7569158
0.78798518	0.81225508	0.83622873	0.86071701	0.88493986
23.4783727	23.4230681	24.5713215	24.8872437	25.3543998
1.2305116	1.26008564	1.29328289	1.32931536	1.36442094
1.37701789	1.41868604	1.45919321	1.50109139	1.54294768
0.08891189	0.09033903	0.09182528	0.09359015	0.09549308
0.03475246	0.03509095	0.03539851	0.03576461	0.0359311
3.50699497	3.51018604	3.51190155	3.51330795	3.51723005
2.95057139	2.99630936	3.04244929	3.08812976	3.13386542
57.713257	60.5769331	62.5899385	64.9146421	67.2371505
10.7785564	10.7007887	11.1194902	11.0104452	10.8484526
2.75057966	2.85422097	2.96007947	3.06937318	3.17881305
3.33333293	3.43690452	3.54467771	3.65607615	3.76854607
9.54868808	9.55318281	9.89497382	9.9865041	10.2958185
4.00304002	4.24320827	4.22216502	4.14017854	4.14532113
135.141343	135.212388	135.639654	136.57672	137.204175
7.16916086	7.23744595	7.40590986	7.55259682	7.68536571
0.03338893	0.0337576	0.03415287	0.03452104	0.03491848
8.49259571	8.15586917	7.84567948	7.66855082	7.49051084
0.00362941	0.00366912	0.00370469	0.00372893	0.00376488
14.045333	14.4927135	14.8801974	15.2744209	15.8261023
0.07861016	0.08038284	0.0823016	0.08420948	0.08604964
0.02870721	0.02887268	0.02919061	0.0293235	0.0294497
3.93911665	3.97918231	4.01902872	4.05870857	4.10682596
20.0175731	20.1018332	20.4143626	20.7035612	21.0406634
0.84084586	0.86525926	0.89350898	0.92255363	0.9520919
1.39643535	1.42022473	1.45277343	1.48222091	1.51109036
0.63437619	0.69504306	0.75756551	0.81845058	0.87980872
0.43925092	0.48046833	0.52294643	0.56431208	0.60599914
0.16897529	0.18430301	0.20009956	0.21548241	0.23098478
16.8872204	18.2900411	19.8278847	21.3288804	22.8094337
11.8202659	12.8402376	13.9040831	14.9401475	15.980108
0.2859121	0.30381591	0.32226733	0.34023554	0.35834335
0.00045691	0.00045691	0.00045691	0.00045691	0.00045691
10.9351878	11.2510306	11.5484731	11.9548463	12.2947325
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1.49544066	1.58391666	1.6579293	1.74161142	1.82366834
0.19260254	0.21102157	0.23000397	0.24848925	0.26711815
2.92986426	2.70559753	2.47878666	2.31302027	2.15051495
0.64111054	0.70242144	0.76560761	0.82713901	0.8891485



0.7771445	0.85146464	0.92805797	1.00264541	1.07781238
1.95565653	2.14268053	2.3354249	2.52312154	2.71227655
1.01670703	1.06122329	1.0769838	1.17237153	1.22659268
1.55673969	1.69043866	1.82885083	1.96365695	2.09929604
0.58550643	0.56118702	0.60490444	0.65293317	0.67540876
0.06478841	0.06526646	0.0667674	0.0685681	0.06982799
0.03497861	0.03715253	0.03886125	0.04079933	0.04273957
14.2105877	14.8436884	15.4709272	16.1139519	16.7484066
0.19257978	0.20829392	0.22448869	0.24025935	0.25615253
0.29631159	0.32464856	0.35385225	0.38229114	0.41095099
0.32324901	0.35416207	0.38602064	0.41704487	0.44831016
18.5138761	17.7321765	17.2656843	16.9955372	16.4989153
1.49948166	1.46004162	1.37923433	1.32292399	1.28461889
7.30848844	8.08910463	8.8576834	9.61085868	10.3783154
398.871901	419.499361	439.940156	460.922172	481.605595
1.71860726	1.88296168	2.05234309	2.21728863	2.38351576
2.55263426	2.78095681	3.02235275	3.2577734	3.49281978
1.78352643	1.95408922	2.1298689	2.30104514	2.47355138
0.274177	0.30029853	0.32721903	0.35343451	0.37985368
6.22223296	6.80796789	7.41165379	7.99976715	8.59227855
0.00010865	0.00010865	0.00010865	0.00010865	0.00010865
0.38290712	0.41922996	0.45666379	0.49311727	0.52985398
0.46891394	0.51244983	0.55731732	0.60100979	0.64504174
0.37374174	0.38156279	0.39731943	0.41270608	0.42569419
4.02807628	3.94158119	3.94247292	3.92184574	3.88643556
13.7766925	12.2935682	11.6420722	10.7898488	9.79423425
0.4958962	0.47057196	0.40234279	0.34055529	0.30766932
1.37919579	1.5110915	1.64702142	1.7793915	1.91279008
2.28973631	2.47035169	2.65653742	2.8391297	3.02226082
0.637408	0.69792031	0.76028347	0.82101341	0.88221522
12.6997794	13.7926549	14.8665608	15.9171211	16.9895683
5.63038361	4.72420808	4.82080086	4.54801542	4.18820781
0.23072663	0.19342579	0.20389681	0.19348541	0.18221834
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1.00274786	0.9388249	0.87373773	0.81631418	0.75416962
0.15435141	0.16911239	0.18432486	0.19913894	0.21406811
13.4684033	12.0824625	10.7547395	9.21629469	7.94394515
0.81288698	0.89055604	0.97060071	1.04854911	1.12710315
13.445352	12.5516781	11.9006383	11.2216131	10.480371
0.36084467	0.38447413	0.40584231	0.428292	0.45077444
1.54859422	1.69607526	1.84846691	1.99690872	2.14634688
0.60878564	0.66700523	0.72700554	0.78543453	0.84431749
0.1699751	0.18623022	0.20298252	0.2192961	0.23573643
5.40511972	5.09214468	4.93674927	4.64007235	4.3937138
0.00321151	0.00331596	0.00345522	0.00356256	0.00367958
0.25649341	0.27787495	0.29991046	0.32136889	0.34299405
0.20108167	0.20711333	0.21329903	0.21966947	0.22586541
0.53605462	0.58731877	0.6401509	0.69159943	0.74344771
1.46236488	1.56797178	1.69308133	1.80794464	1.92313789
2.11787447	2.16004274	2.16962124	2.20337362	2.23187333
12.3967273	13.481368	14.6009418	15.6939428	16.7930147

54.8985877	58.2912614	61.777747	65.2838167	68.7455598
0.91288634	0.76297429	0.80434234	0.76558634	0.72442203
14.41285	15.5297663	16.6753268	17.7988335	18.9274946
3.07621276	3.36055238	3.65357217	3.93922478	4.22689545
0.32094983	0.31728173	0.28085661	0.27255084	0.25642976
5.17545297	5.34544726	5.72708333	6.00771551	6.28513635
18.0290821	16.8406611	16.193305	15.5957036	14.8093271
0.14239572	0.15103813	0.15783115	0.16553598	0.1732494
2.26475896	2.47844547	2.69866786	2.91312292	3.12924424
21.8949376	22.2328919	22.5426052	22.9369655	23.296551
2.85231208	3.05287975	3.25209982	3.4596539	3.66210118
0.12200926	0.12959214	0.13555236	0.1423126	0.14908038
0.00185458	0.00185458	0.00185458	0.00185458	0.00185458
0.4027144	0.44122691	0.48091739	0.51956842	0.55851976
9.4777E-05	9.4777E-05	9.4777E-05	9.4777E-05	9.4777E-05
18.0223192	19.140148	19.7791874	20.628448	21.4971576
12.0564417	13.1576656	14.292565	15.3991276	16.5133563
1.97990021	2.16924268	2.36437645	2.55439991	2.74589981
0.00507258	0.00507258	0.00507258	0.00507258	0.00507258
3.69778318	4.01934716	4.35083446	4.67465414	5.0002778
0.06543707	0.06950399	0.07270063	0.07632634	0.07995609
0.37308324	0.40876206	0.44553216	0.48133931	0.51742466
0.62019284	0.59405558	0.60739165	0.60347355	0.59790046
0.06275423	0.05806106	0.05544894	0.05272908	0.04994994
0.42211768	0.41475046	0.42929557	0.43092313	0.43438961
1.38310171	1.51537096	1.65168583	1.78443079	1.91820715
0.21654361	0.23008528	0.24111664	0.2533818	0.2656612
0.67101431	0.73515891	0.80126545	0.86564074	0.93051622
17.2754259	18.3609141	19.5055629	20.6592003	21.7871251
0.62500525	0.66342169	0.69361741	0.72786619	0.76215316
0.4027144	0.44122691	0.48091739	0.51956842	0.55851976
0.16999546	0.16766035	0.16758794	0.16221069	0.15961577
0.45133172	0.47938199	0.5014298	0.526437	0.55147209
0.3366483	0.35933012	0.38249955	0.40506489	0.42787042
0.5508702	0.6035512	0.65784352	0.71071399	0.76399526
1.04235135	1.10704224	1.15788995	1.21556276	1.2732999
0.29092411	0.31874586	0.34741857	0.37534039	0.40347915
1.88657497	2.01693184	2.12837102	2.2570248	2.38050808
0.22492744	0.24643778	0.26860603	0.29019373	0.31194916
0.43032525	0.47147826	0.51388999	0.555191	0.59681292
9.9514864	10.8608427	11.7980846	12.7120836	13.6322826
0.18182767	0.1992163	0.21713679	0.23458796	0.25217472
1.29875021	1.24771256	1.25011317	1.26310564	1.25580472
1.57488287	1.44579421	1.35438438	1.3339018	1.2814553
1.41335869	1.45642661	1.48711141	1.51998495	1.55552704
0.98198648	1.0636457	1.14710883	1.22838533	1.31051828
8.08907804	8.77122338	9.47414017	10.1610656	10.8517281
0.66804796	0.73193494	0.79777599	0.86189275	0.92650769
0.74786299	0.81709535	0.88844528	0.95792665	1.02794787
4.98027627	5.41595936	5.86498149	6.30330875	6.74431957
0.02739155	0.02739155	0.02739155	0.02739155	0.02739155

5.6037172	5.40399846	5.3330663	5.15616931	5.01518013
2.19153172	2.39233779	2.59928578	2.80081407	3.00390818
3.23509009	3.19664281	3.23848453	3.2804746	3.29560277
0.48487351	0.5312431	0.57903096	0.62556731	0.67246525
2.43963881	2.61176013	2.84165893	3.06552973	3.27416003
2.79970491	2.77371662	2.82837402	2.88578769	2.91658227
48.8933659	50.4777361	52.958477	56.479078	59.0077993
0.02714991	0.02714991	0.02714991	0.02714991	0.02714991
43.2763459	47.1672473	51.1883707	55.1113515	59.0563534
0.89626635	0.86784396	0.9112456	0.95695492	0.97718444
1.41825504	1.55388608	1.69366557	1.82978442	1.96696088
0.97378765	1.06691324	1.16288719	1.25634771	1.35053439
8.33301556	9.08035414	9.79560097	10.5155376	11.243045
0.00219622	0.00219622	0.00219622	0.00219622	0.00219622
0.31628315	0.34642338	0.37748549	0.40773412	0.43821778
1.21494334	1.33112491	1.45086005	1.56745948	1.68496487
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0.75363321	0.71866604	0.74326342	0.74436249	0.74153146
0.47209852	0.45785562	0.44257767	0.42604406	0.41081478
1.09935872	1.04988704	1.0142568	0.97387256	0.93262932
3.63655141	3.98432331	4.34273227	4.69175496	5.04348947
0.43369243	0.47516745	0.51791103	0.55953522	0.60148282
0.53740149	0.58879444	0.64175932	0.69333712	0.74531566
26.8498219	29.2947324	31.8143775	34.2712312	36.7450343
0.18711662	0.14048073	0.10333663	0.076145	0.03915446
0.20127841	0.21879581	0.23684901	0.25442941	0.27214641
1.23777435	1.35614559	1.47813738	1.59693436	1.71665437
1.09500603	1.19972402	1.30764494	1.41273955	1.51865072
5.50873094	6.24656596	6.90501583	7.56327637	8.24812484
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1.64609345	1.71025959	1.85422924	2.01751639	2.14132419
0.16076841	0.17188147	0.18158351	0.19275343	0.20341511
193.823942	197.986529	205.045795	210.453256	216.008754
0.21045201	0.22127298	0.23051823	0.24053143	0.25055791
0.00011324	0.00011324	0.00011324	0.00011324	0.00011324
6.24478766	6.78885129	7.35112547	7.89941468	8.45095703
6.9045083	7.72488388	8.49338289	9.28603598	10.0798785
4.26136481	4.66888907	5.08887799	5.49786795	5.91003566
12.2403252	13.2183624	14.2748052	15.308111	16.3307062
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0.47948604	0.52534041	0.57259729	0.61861658	0.66499343
0.00102019	0.00102389	0.0010293	0.00103185	0.00103442
3.45928447	3.18564712	3.05608294	3.01142417	3.01084817
3.69426719	3.76150693	3.79159098	3.85670069	3.85441671
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0.47796901	0.48444127	0.4886043	0.52087991	0.52942158
33.6051608	34.4189627	34.2951604	35.3225107	36.1973502
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0.00559578	0.00546163	0.00534201	0.00524064	0.00503803
32.5061188	31.8754229	35.7369074	36.6672024	37.1801692

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1.91334576	1.91193217	1.65238319	1.65071432	1.67288693
0.71880778	0.68437222	0.79785667	0.83507337	0.84234881
2.58222522	2.55726415	2.44582208	2.42973939	2.41739762
1.32818998	1.26798249	1.38584503	1.46511512	1.52837756
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3.09671249	3.1878046	3.25873176	3.16850493	3.17646099
0.0121512	0.01111225	0.01163925	0.01194041	0.01215159
0.01087043	0.01186505	0.01093035	0.00981424	0.01086303
0.6327906	0.65892053	0.487716	0.48098956	0.46662186
7.82185991	8.17546474	7.87349599	7.93259306	8.00802482
0.0958925	0.10108448	0.09564586	0.09495011	0.10203753
0.00083869	0.00083601	0.0008272	0.00082546	0.00082373
5.85338815	5.71616673	5.9031968	5.8616275	6.13193167
127.131336	134.872154	140.778695	146.39069	147.167856
0.02067044	0.02083833	0.02100363	0.02102948	0.021075
0.08578708	0.09069897	0.09361298	0.09427823	0.09558639
0.07778115	0.07218392	0.07016152	0.06787579	0.0669363
0.76869783	0.5493779	0.81818236	0.71946446	0.84746458
4.23879284	4.32721794	4.42729114	4.6377394	3.95718752
24.6574764	24.9102655	23.1346642	23.9938894	25.5634067
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249.831127	247.841422	244.88957	241.891445	238.699793
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3.58941165	3.73612541	3.87731318	3.89580441	3.66886187
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0.00245999	0.00228904	0.00221282	0.00214104	0.00206087
15.6814376	16.1691354	16.9067156	17.0772608	17.0521364
0.02989425	0.02972259	0.02971557	0.02981932	0.02977814
0.03399405	0.03596503	0.03625502	0.03626483	0.03635539
1.46653717	1.31995844	1.33333628	1.35947227	1.35608612
4.27845298	3.95522481	4.00445496	3.95460788	3.90161476
0.00124598	0.001261	0.0012829	0.00129589	0.00130902
0.14634416	0.15626693	0.15123538	0.14914483	0.15098248
2.89521391	2.72113784	2.82940193	2.78876283	2.77832578
22.1098998	21.3589786	20.671542	20.0875627	19.6650033
0.16972906	0.1697044	0.16964605	0.16968732	0.1693879
0.00833746	0.00835321	0.00836717	0.00837688	0.00839282
3.83770563	3.9818693	3.78984647	3.80089201	3.70321736
2.12524999	2.19802129	2.20407626	2.22482861	2.24426116
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3.45202229	3.52759656	3.61348205	3.52618343	3.53319411
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0.03344998	0.03430341	0.03514534	0.03569477	0.0362528
14.7777862	15.0938198	14.0244881	13.4556255	12.9423651
0.72958632	0.75639873	0.67174407	0.68994677	0.68193751
31.3787544	33.3438936	31.744194	32.4379285	33.2128356

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0.03624465	0.03629428	0.03722491	0.03743636	0.03764901
26.8216225	23.299106	24.4426818	23.6349202	23.4450325
0.00622619	0.00629362	0.00634991	0.00620562	0.00621003
0.10092648	0.09596612	0.09420224	0.10360383	0.09763776
15.4676432	15.2281885	14.7331887	14.6369168	14.3332823
0.59765394	0.64608695	0.64065615	0.65028194	0.66593754
2.07913459	2.2944073	2.23625588	2.38683776	2.35961539
3.14428809	3.30720957	3.41942086	3.64278445	3.75080444
0.03423091	0.03420261	0.03417004	0.03413228	0.03409485
0.16220142	0.15830884	0.15660914	0.15743328	0.15267451
0.44150008	0.43948201	0.43588584	0.44699331	0.43937067
0.00955655	0.00970776	0.00963227	0.00968409	0.00977009
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0.00419183	0.00411656	0.00415644	0.00417036	0.00417781
0.00121161	0.00121373	0.0012186	0.00121983	0.00122107
3.1673878	3.46281989	3.24887171	3.30710677	3.3561177
0.00987099	0.01008623	0.0103533	0.00892974	0.00919389
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0.01478999	0.0154915	0.01501895	0.01510712	0.01518079
1.86033215	1.91601473	1.85802793	1.86295465	1.90762787
1.28606667	1.36730645	1.21156509	1.1582393	1.13397624
0.98541353	0.98307649	0.9904824	0.999744	0.99771964
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65.2599659	62.8124629	63.4551536	64.6237591	66.0530801
182.483582	190.617299	186.116507	189.180829	192.54163
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0.96439948	0.95012877	1.00672599	1.01923743	1.01745485
9.35319098	9.5810669	9.23008925	9.03634254	9.06920793
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0.38415917	0.37753651	0.38216437	0.37115901	0.37016419
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11.8966227	12.5868357	12.8011793	13.3206352	13.1024136
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5.13445515	5.3704221	5.5806028	5.65950741	5.57033494
0.16722317	0.17062849	0.17100877	0.17169743	0.17477317
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0.30036472	0.27685859	0.27419875	0.2677695	0.26432602
0.14739078	0.13412902	0.13230315	0.13542095	0.13968478
0.80220209	0.77822238	0.79240229	0.80427544	0.8093344
0.00913198	0.00889906	0.00832881	0.00833951	0.0081732
0.89084595	1.27829807	0.86445741	0.79710246	0.75180085
0.30089703	0.23035006	0.26003411	0.27261011	0.25175557

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1.34348295	1.41919794	1.39729728	1.41458192	1.39262229
0.00146497	0.00148691	0.00150836	0.00152512	0.00153918
4.42067907	4.46844025	4.21595726	3.98324752	4.00593522
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4.42640758	4.39174804	4.42966839	4.46658759	4.33491676
1.5755E-05	1.5814E-05	1.5895E-05	1.5988E-05	1.6065E-05
28.7855395	29.9846236	30.0137232	30.2030862	30.3270749
0.27947915	0.30754484	0.25381957	0.24345377	0.23303409
8.84430257	8.94870241	9.15740778	8.88379268	9.05249691
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2.05912626	2.07513876	2.06809885	2.07430911	2.09485397
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3.15485759	3.15738432	3.13595873	3.31960059	3.54931684
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4.98566504	4.98705503	4.88439659	4.88382863	4.86374185
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0.45830262	0.47055564	0.47873055	0.48947129	0.49914782
45.5748515	48.053526	49.8361659	50.923702	52.1096382
0.73288729	0.73013208	0.73963537	0.74228073	0.74212285
6.08269083	5.70136486	6.27976106	6.4644985	6.63050021
8.52384847	9.15113828	8.42931616	8.28011895	8.25288019

0.28428073	0.27037832	0.27313957	0.27913594	0.29651452
15.0963061	15.3962132	14.643904	14.492177	14.3361448
0.12367197	0.1234435	0.12337682	0.12333954	0.1231138
1.4084104	1.00117592	1.0478654	1.04013218	1.0324776
2.12790218	2.13743022	2.07588922	2.04726778	2.04764072
5.97204129	6.26069696	6.16247104	5.84817051	5.83546268
0.0106085	0.01063436	0.01064559	0.01064358	0.01065551
0.16453895	0.17022159	0.16019268	0.14644202	0.14820004
0.05387233	0.05427296	0.05466427	0.05509781	0.05557191
7.30561603	7.31878164	7.3446104	7.06934667	7.2827788
39.3009671	42.4765482	39.9280744	41.459976	42.1011176
0.96559341	0.96281543	0.91804878	0.85059616	0.82703947
2.44809075	2.94926286	3.41103385	3.77169109	4.0106476
2.35116667	2.92984426	2.16641284	2.00633435	2.00667233
26.9593446	27.2401023	26.8873391	26.8936206	27.1890841
2.86064067	3.03412081	2.86428211	2.91671293	2.97233076

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0.00057065	0.00057483	0.00055727	0.00055543	0.0005536
0.01462648	0.01462763	0.01465904	0.01467893	0.01470449
0.50931125	0.52799317	0.58450129	0.56406927	0.56719861
0.82435511	0.96203233	0.83648349	0.82634048	0.82717955
4.26211377	4.27741578	4.20162398	4.14012752	4.1169695
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0.00808385	0.00816035	0.00862816	0.00949114	0.00975979
0.07637755	0.07454773	0.07526242	0.07580416	0.07735451
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0.41571697	0.42679084	0.40780855	0.39244111	0.3834231
3.24075415	3.28304116	3.10851945	3.12919541	3.01832292
0.37938701	0.37836031	0.37988498	0.37910012	0.38097993
0.00155311	0.00171896	0.0019298	0.00194332	0.00201542
1.91305551	2.11606768	1.92864048	1.98718879	2.1719768

16.838012	17.8577771	18.6473882	19.8154652	20.7615568
0.83778705	0.89074398	0.91917683	0.97513687	0.99214593
12.9162058	13.227153	12.5354938	12.3024112	12.2894503
1.7678221	1.8932167	1.79836607	1.84050719	1.87211865
4.55222563	4.7107173	4.68995076	4.69715978	4.67607849
0.21372146	0.19636345	0.18321033	0.19097837	0.19200703
0.01955962	0.01958486	0.01960819	0.01968733	0.01974733
0.13978249	0.14227233	0.14229756	0.14392957	0.14579592
1.30672576	1.20349607	1.29347511	1.27033158	1.24133481
20.5338973	23.0370556	21.5576118	21.4926752	21.887954
1.11571774	1.09694933	1.02187093	1.01526688	1.01773371
13.2692413	14.1651939	14.1594213	14.4087049	14.6773334
7.79722065	7.7999094	7.88843439	7.85930632	7.91522178
16.9118722	16.583283	17.5636858	17.1801867	18.1260616
5.73772091	5.61784778	6.46535053	6.47122923	6.50695113
136.350516	137.072719	134.105405	132.337331	131.542021
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8.02392258	8.14531945	7.8602509	8.02567028	7.93873566
0.00229712	0.00232764	0.00235375	0.00237269	0.00239179
16.3110292	15.778522	16.3956365	16.2158513	16.1962199
0.0681609	0.06781906	0.06763497	0.06681977	0.06656308
0.02542611	0.02383026	0.02996994	0.02898403	0.02806193
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11.5580804	11.8515149	13.2872626	13.4714012	13.7432309
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3.2185417	3.37429265	3.52164029	3.57434409	3.60118819
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0.02810621	0.02903686	0.02960168	0.03038412	0.03059606
0.20110365	0.19942351	0.20413141	0.20944651	0.20982373
6.6412E-07	5.4826E-07	5.2833E-07	5.2473E-07	5.5027E-07
0.02327704	0.0218052	0.02102995	0.01954245	0.01974166
6.2354E-05	6.2455E-05	6.1303E-05	6.0536E-05	6.3338E-05
0.00206456	0.00202894	0.00206748	0.00277204	0.00278102
1.05653382	0.93522761	1.13261485	1.21386277	1.15455765

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0.63672487	0.57101035	0.76755317	0.72129173	0.75965828
0.16250638	0.16219633	0.17533074	0.15409317	0.15383432
0.10361805	0.09736404	0.09788447	0.10370625	0.10714411
0.09864166	0.09798383	0.09899497	0.09900844	0.09900885
0.17835769	0.15721698	0.14867924	0.15674552	0.14952363
0.08342238	0.08563802	0.08140378	0.08217495	0.08209695
0.16187888	0.16333343	0.16380152	0.16616093	0.16591027
1.41563322	1.36255363	1.39503029	1.46631789	1.39150782
0.07773365	0.08016247	0.08110513	0.08011696	0.07842912
0.00015339	0.00016377	0.00015923	0.00015777	0.00015775
0.00114264	0.00091398	0.000997	0.00098991	0.00102323
0.06192956	0.06769163	0.06690787	0.07158607	0.07170439
0.23754164	0.2329802	0.24547957	0.23183788	0.23410334
0.00131264	0.00110157	0.00112881	0.00113607	0.00114298
0.00016005	0.00013617	0.0001451	0.00014309	0.00015003
0.07785055	0.06250216	0.08295746	0.08461008	0.08540633
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0.00038449	0.00030214	0.00033554	0.00033296	0.00034694
0.00020105	0.00015346	4.4863E-05	4.4672E-05	4.542E-05
0.05722028	0.05775822	0.05841496	0.05901899	0.05905773
0.02127301	0.02082338	0.02074391	0.02092288	0.02099717
0.02430991	0.02423309	0.02388692	0.02402011	0.0240455
1.27660878	1.23834474	1.22819836	1.20944734	1.22015397
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0.12489625	0.11017998	0.11042703	0.11839045	0.11883414
9.4672492	9.47472078	9.92401809	9.77611859	10.4515373
0.17656582	0.18251912	0.18983273	0.19151735	0.19056759
0.25700803	0.26407485	0.27113289	0.27330068	0.27334792
0.69261991	0.7020436	0.7117225	0.72161743	0.72161745
0.05148164	0.0521886	0.0529534	0.05377059	0.05377665
0.00021234	0.00022739	0.00023238	0.00024375	0.00025035
0.1488193	0.16240541	0.1507918	0.15520383	0.15638568
0.00465319	0.00476392	0.00478596	0.00483589	0.00483607
0.00327266	0.00339867	0.00386427	0.00395949	0.00390665
0.01428601	0.01396773	0.01573836	0.01574359	0.01652995
0.03926234	0.03462905	0.0340182	0.03374229	0.03535329
0.00016822	0.00013059	0.00014697	0.00014593	0.00015302
0.00885908	0.00939389	0.00892247	0.00854608	0.00853078
0.21230545	0.21345585	0.22152953	0.21422289	0.21247515
1.08427773	1.07293386	1.11325455	1.12852519	1.08732385
0.00584421	0.00596157	0.00597972	0.00596491	0.00596526
0.00011331	9.3392E-05	9.7884E-05	9.7363E-05	9.8919E-05
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0.04626278	0.04303954	0.046406	0.04614236	0.0473725
0.02679068	0.02451038	0.02133593	0.02319904	0.02269951
0.01711709	0.0151626	0.01451455	0.01414112	0.01463173
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0.68133678	0.73848735	0.75310169	0.72883825	0.71744588
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2.8173647	2.86385035	2.93995604	2.95472315	2.97596861
0.19679669	0.19926982	0.18683656	0.18425518	0.17466205
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2.2589E-05	1.9407E-05	2.0427E-05	2.0392E-05	2.047E-05
1.1621816	1.2334445	1.21730835	1.18774109	1.17615331
0.04940708	0.04866257	0.04803163	0.04806761	0.04808032
0.23842865	0.24950551	0.26790489	0.27548868	0.27372107
0.01609763	0.01375044	0.01444667	0.01524297	0.01524173
0.09559678	0.09401608	0.10966145	0.11431354	0.11356186
2.5016E-07	3.3615E-07	3.3615E-07	3.3615E-07	3.3615E-07
0.13418832	0.13415156	0.13362924	0.13441899	0.13425768
0.00072614	0.00072624	0.00072637	0.00072649	0.00075245
0.00981991	0.00990622	0.00993995	0.01006133	0.0100297
0.03044242	0.03100338	0.03111301	0.03150864	0.03149065
0.00415849	0.00412863	0.00414064	0.00415927	0.0041652
0.04086048	0.04073091	0.04105715	0.0434964	0.04339202
6.7039E-05	5.1932E-05	5.8468E-05	5.8083E-05	6.0907E-05
0.00073878	0.00077396	0.00078118	0.00081001	0.0008221
0.30857062	0.31774886	0.32728099	0.33277573	0.33280892
0.00194787	0.00198398	0.00202124	0.00205931	0.00206094
0.03434409	0.02332772	0.01710743	0.01744566	0.01759926
0.00078744	0.00078199	0.00077711	0.00074283	0.00080367
0.0777533	0.0734747	0.06899756	0.0672791	0.06766625
0.09912544	0.10244224	0.10564482	0.11074868	0.1121567
0.08066493	0.07800274	0.07879624	0.07934827	0.07937792
0.18526832	0.18738514	0.18621868	0.17578483	0.17217596
0.97278084	0.83157759	0.75714964	0.67403086	0.67504686
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0.94120539	0.87900523	0.91325043	0.947676	0.93216015
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0.00329637	0.00327851	0.00316553	0.00329613	0.00327067
0.94856581	0.94191364	0.9579284	0.89649014	0.88654269
0.00494726	0.00592978	0.00428598	0.00424979	0.00429833
0.00577665	0.0053473	0.00550181	0.00548044	0.00547996
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0.38507972	0.38937238	0.39859885	0.40382556	0.40383001
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5.7989E-05	4.3227E-05	4.8657E-05	4.8324E-05	5.0676E-05
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0.10130975	0.10395295	0.10630866	0.1097926	0.10971809

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0.0694038	0.06826402	0.0672944	0.06493457	0.06484014
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0.32178219	0.28916302	0.3158718	0.29972156	0.2976344
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0.17158043	0.17886817	0.18174905	0.17950438	0.18238769
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0.09896998	0.12941624	0.12380925	0.1166127	0.12388307
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0.03998657	0.03958208	0.0414813	0.04404532	0.04152382
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1.09598615	1.16060211	1.13187472	1.11591025	1.16360335
0.04400138	0.04481012	0.04358206	0.04124433	0.03970076
0.66489776	0.67134572	0.67761647	0.68471485	0.68471815
0.43723891	0.4644776	0.48288135	0.48538965	0.48540027
0.49433125	0.42249743	0.45316878	0.40521165	0.40981964
0.04800092	0.04797304	0.04674982	0.04755602	0.04786185
5.44299018	5.34139843	5.52722061	5.67890864	5.73199186
0.02125374	0.03509608	0.02488051	0.02651118	0.02817869
0.00012208	9.915E-05	0.00010616	0.00010546	0.00010736
0.00845269	0.00653317	0.00808242	0.00826017	0.00850955
5.0733E-05	4.0615E-05	4.4529E-05	4.4579E-05	4.607E-05
0.86391868	0.79726255	0.8017748	0.85976732	0.95354835
0.00138352	0.00141569	0.00142579	0.00144829	0.0014616
0.0014344	0.00148542	0.00150183	0.00153934	0.00156107
0.02975057	0.02422098	0.02360084	0.02339879	0.02339582
0.47166082	0.45026503	0.47641364	0.46741308	0.47238955
0.21612343	0.22083107	0.22521012	0.22819944	0.22820274
0.35267631	0.36692666	0.36862865	0.36987952	0.36995508
2.5225E-05	2.4803E-05	2.6611E-05	2.7785E-05	2.7785E-05
0.00509256	0.00532722	0.00527861	0.00542021	0.00542073
0.05828942	0.05558384	0.05544311	0.05579609	0.05689385
0.00028489	0.00026732	0.00019352	0.00022541	0.00016492

0.01501109	0.01474623	0.01420973	0.01577841	0.01550094
0.02942106	0.02905857	0.03050705	0.02828063	0.02816512
3.9741E-06	5.8382E-06	5.9297E-06	5.6129E-06	6.1033E-06
0.95356198	0.97534213	0.95561265	0.94429968	0.99671697
0.00334492	0.00381704	0.00357029	0.00319488	0.00341065
0.00462082	0.00378132	0.00389295	0.00423782	0.00532526
0.00836	0.00827667	0.01079396	0.01097221	0.01097221
0.00382546	0.00317731	0.0033674	0.0030246	0.00317098
0.01906748	0.01962309	0.019294	0.019294	0.019294
0.02351359	0.0238595	0.02255475	0.02312342	0.02312342
0.00426413	0.00415634	0.00427884	0.00423053	0.00418621
0.00100057	0.00077229	0.00069164	0.00102861	0.0009281
0.00346539	0.00382044	0.00305767	0.00276929	0.00282028
0.00011641	0.0001102	0.00011361	0.0001142	0.0001142
0.01092562	0.01032199	0.01039902	0.01047357	0.01060286
0.00290597	0.00291879	0.00294843	0.00280324	0.00284972
8.3096E-05	8.4579E-05	0.00010074	0.00010447	0.00010269
	1.0494E-06	1.0494E-06	1.0494E-06	1.0494E-06
0.00414062	0.00429333	0.00416986	0.00423449	0.00424504
0.85629301	0.80764695	0.73756634	0.72258797	0.72537956
3.1375E-05	2.9168E-05	2.9439E-05	2.9304E-05	2.9309E-05
0.00299366	0.00610845	0.00633712	0.00559389	0.00583261
0.00030187	0.00030809	0.00030914	0.00031561	0.00031561
0.00163593	0.00166603	0.00169352	0.00169352	0.00169352
0.00709901	0.00714001	0.00668569	0.00678941	0.00678941
0.10428714	0.10223	0.09526045	0.10131089	0.10219643
0.00016118	0.00016247	0.00014985	0.00018977	0.00017665
0.00524861	0.00562203	0.00095162	0.00083381	0.0007977
1.38427029	1.21194282	1.41543299	1.38750659	1.49139873
0.04877655	0.0499912	0.05054075	0.05125586	0.0513261
0.01241082	0.01150202	0.0107772	0.01062144	0.01005904
0.14746094	0.15223225	0.15684862	0.16151953	0.1608761
0.02060253	0.02151896	0.01970936	0.02212977	0.0210698
0.00822836	0.00654951	0.0071109	0.00677364	0.00741617
0.00157665	0.00159658	0.00150543	0.00153942	0.00153942
2.9165E-05	2.8874E-05	2.6624E-05	2.6624E-05	2.6624E-05
4.945E-05	2.8043E-05	2.8269E-05	2.8561E-05	2.8573E-05
0.00315168	0.00344179	0.0030636	0.00285698	0.00301376
	3.8159E-07	2.7905E-07	2.0407E-07	1.4923E-07
4.426E-05	7.9495E-05	4.3109E-05	7.3281E-05	6.7322E-05
0.00758525	0.00650455	0.0038653	0.00428711	0.00387893
0.01996887	0.0197848	0.01966137	0.0205868	0.0184381
0.001734	0.00173913	0.0016247	0.00164609	0.00164609
2.3706E-05	2.2323E-05	2.2893E-05	2.2795E-05	2.2795E-05
0.00157476	0.00122148	0.00127202	0.00121074	0.00117104
0.00434624	0.0047311	0.0050148	0.00350872	0.00353678
0.07666585	0.07953019	0.07106733	0.07473931	0.07126206
0.01299936	0.01349858	0.01544891	0.01593703	0.01861001
0.08176882	0.08161557	0.08040421	0.07970428	0.07795623
0.00562514	0.00570302	0.00579335	0.00579335	0.00579335

0.0144713	0.00985405	0.01095515	0.0098567	0.00917879
0.00634196	0.00745829	0.00181546	0.00187828	0.00179503
0.05614605	0.05761768	0.05913787	0.06051838	0.06051838
0.0017301	0.00167618	0.0014165	0.00159178	0.00150824
8.6532E-05	8.698E-05	8.5829E-05	8.6204E-05	8.6204E-05
1.3271E-05	1.3451E-05	1.3599E-05	1.3306E-05	1.3306E-05
0.00572378	0.00454977	0.00420231	0.00420821	0.00413259
0.01097092	0.01105751	0.01011793	0.01058004	0.00908616
0.02829019	0.0257541	0.02392758	0.02158703	0.02071465
3.7917E-06	2.0886E-05	1.403E-05	1.227E-05	6.2079E-06
0.06454077	0.06917313	0.05719232	0.06522926	0.06532774
0.01328636	0.0134109	0.012605	0.0128489	0.0128489
0.00011011	0.00011031	0.00011057	0.00011083	0.00011083
0.00223595	0.00225458	0.00211726	0.00215631	0.00215631
0.00243776	0.00252329	0.00237977	0.00243412	0.00243412
0.00289785	0.00394805	0.00271513	0.00245976	0.0023128
0.00481677	0.00462128	0.00488828	0.00452874	0.00477219
0.00315483	0.00319999	0.00327292	0.00309296	0.00314883
0.00050839	0.0005211	0.00053328	0.00054583	0.00054583
5.0719E-05	0.00223954	0.00129555	0.0019579	0.00153244
5.8082E-05	3.9957E-05	3.2634E-05	3.5345E-05	3.1057E-05
1.8887E-05	3.0523E-06	2.9483E-05	2.9483E-05	2.9483E-05
0.00136109	0.00104248	0.00103362	0.0010248	0.00103625
0.04550053	0.04399585	0.0432029	0.04405078	0.04405082
0.00248128	0.00239418	0.00224094	0.00191464	0.00183291
0.06544674	0.06146245	0.05682374	0.05616567	0.05859779
0.193513	0.19000857	0.18732183	0.18626801	0.18752808
0.00051763	0.00056053	0.00051564	0.00040527	0.00032845
0.13275945	0.12827369	0.1593432	0.16031188	0.18584953
0.17191783	0.1621276	0.16528921	0.16958351	0.16145419
0.00130757	0.00133341	0.00122273	0.00138345	0.00152794
0.0100825	0.00851873	0.00995707	0.00976351	0.00930472
0.0008481	0.0008481	0.0008481	0.00085871	0.00085871
0.00183174	0.00169891	0.00167121	0.00184673	0.00201056
0.02775078	0.02347522	0.02334767	0.02393656	0.02250723
0.03122284	0.02918951	0.03467829	0.03340628	0.03324155
0.09186242	0.09003874	0.09207325	0.09384676	0.09384676
3.8815E-05	1.1099E-05	1.1896E-05	1.285E-05	1.3696E-05
0.0135351	0.01345732	0.0134714	0.01349442	0.01349417
1.4416E-05	1.4699E-05	1.4719E-05	1.4992E-05	1.4992E-05
0.01407581	0.0135003	0.01743301	0.01702282	0.01654618
0.02020762	0.02026172	0.01970858	0.02064898	0.02131581
0.00675223	0.00659146	0.00668792	0.01366349	0.01366349
0.00010284	0.00010284	0.00010284	0.00010284	0.00010284
0.010212	0.0104582	0.00997125	0.01031051	0.01031051
0.04547884	0.02348574	0.05151294	0.04685985	0.05734572
3.5356E-05	3.3103E-05	3.3851E-05	3.3655E-05	3.3655E-05
1.9016E-05	1.6996E-05	1.2973E-05	1.4051E-05	1.2347E-05
0.00356295	0.00358195	0.00335361	0.00340518	0.00340518
0.00128168	0.00123752	0.00117532	0.00119908	0.00131146

0.00028144	0.00027757	0.00028429	0.00028422	0.00028422
0.00011976	0.00018978	0.00010997	0.0001051	0.00010577
0.00071822	0.00072349	0.00073282	0.00074355	0.00074354
1.5406E-05	3.0715E-05	3.0931E-05	3.0903E-05	3.0946E-05
0.03309852	0.03399564	0.03488209	0.03576856	0.03576856
3.112E-05	3.1547E-05	3.1415E-05	3.1858E-05	3.1858E-05
0.06250785	0.06848218	0.07434843	0.06987623	0.06956996
0.00038227	0.00037878	0.00030233	0.00033032	0.00033353
0.00354255	0.0046086	0.01376007	0.01376007	0.01376007
0.00212331	0.00211481	0.00207245	0.00254438	0.00248359
0.00061017	0.00061061	0.00062115	0.00062651	0.00062709
0.05548031	0.05597113	0.05656629	0.05973757	0.05832961
0.00733486	0.00742571	0.00699911	0.00715457	0.00715457
9.1876E-05	9.1773E-05	9.1669E-05	9.1515E-05	9.1515E-05
1.4191E-05	1.3022E-05	9.7721E-06	9.0487E-06	9.0487E-06
0.01912747	0.01936054	0.01825872	0.01867501	0.01867501
0.02498404	0.02817066	0.02783696	0.02468622	0.02256511
0.00782913	0.00882223	0.00951199	0.01124589	0.01124589
2.2525E-05	2.288E-05	2.2829E-05	2.3203E-05	2.3203E-05
0.00224887	0.00240146	0.00276436	0.00274698	0.00274719
0.20806323	0.20516101	0.20262073	0.19517897	0.19845739
0.00042242	0.00043841	0.00043131	0.00041425	0.00041658
0.00685207	0.00608391	0.00649125	0.00580989	0.00578357
0.01240721	0.01215017	0.0125221	0.01220142	0.01224522
0.00036296	0.00036948	0.00037812	0.00038395	0.00038395
0.00162741	0.0012065	0.00060406	0.00039228	0.0003787
0.02593937	0.02537783	0.0255741	0.02306203	0.02189314
0.0147693	0.01500776	0.01529799	0.01546331	0.01531284
3.6673E-05	3.5449E-05	3.4247E-05	3.4287E-05	3.4287E-05
0.00777131	0.00785427	0.00783816	0.0080719	0.00801225
0.06432513	0.06523754	0.06725109	0.05120393	0.0511605
8.8308E-06	9.1447E-06	9.0955E-06	9.8512E-06	8.6561E-06
0.00081995	0.0011604	0.0010407	0.00117282	0.00104154
0.01448594	0.01405358	0.01456061	0.01406992	0.01356053
1.1785E-06	1.1509E-06	1.2124E-06	1.1673E-06	1.4102E-06
0.00586528	0.00591218	0.00595739	0.00601036	0.00599859
0.00456387	0.00431143	0.00343057	0.00370646	0.00338619
0.01293887	0.01340092	0.01468095	0.0148166	0.0148166
1.8817E-05	1.8963E-05	1.8774E-05	1.891E-05	1.891E-05
0.02578635	0.02643355	0.02641133	0.02678614	0.02942281
0.00046392	0.00046281	0.00046169	0.00046058	0.00046058
0.00971375	0.00988888	0.00981291	0.00978546	0.00944504
0.79782442	0.77518491	0.8285999	0.84605568	0.87284915
0.0106389	0.01089666	0.01115863	0.01115862	0.0111587
0.05958293	0.0677013	0.06807792	0.07181251	0.07225715
0.00129987	0.00134175	0.00110025	0.00107616	0.00104725
0.07428858	0.07586197	0.07774568	0.07744231	0.07687964
0.00621537	0.00734567	0.00776187	0.00751633	0.00751783
0.0046534	0.00387801	0.00394082	0.00434115	0.00419012
2.1164E-07	2.1776E-07	2.2482E-07	2.0785E-07	2.2204E-07
5.264E-05	5.3665E-05	5.3732E-05	5.4755E-05	5.4755E-05

0.01495465	0.01513875	0.0142698	0.01458761	0.01458761
2.7773E-06	1.0252E-05	6.687E-06	6.7364E-06	6.7364E-06
0.04319013	0.0443225	0.04236196	0.0439102	0.0439102
0.00031119	0.00031492	0.00029367	0.00029703	0.00029703
8.9684E-05	8.7126E-05	8.337E-05	9.5454E-05	7.5596E-05
0.00113659	0.00110553	0.00130132	0.00124669	0.00120175
0.00018896	0.00020482	0.00019927	0.00020955	0.0001859
0.00100971	0.00120012	0.00208139	0.00191885	0.00183143
0.00180874	0.0018461	0.00188385	0.00192234	0.00192234

0.00759029	0.00797099	0.00840628	0.0087211	0.00885183
1.5399E-05	1.4691E-05	1.5458E-05	1.5849E-05	1.5849E-05
0.01749872	0.01759425	0.01691253	0.01759155	0.01754868
0.02687583	0.02862413	0.02930895	0.02995626	0.02995626
0.06251879	0.04896532	0.04205855	0.0426486	0.0429949
8.6081E-07	9.0499E-07	9.0915E-07	9.0914E-07	9.6872E-07
0.01290539	0.01518919	0.01162041	0.01098032	0.01166857
0.00043353	0.00039056	0.00033716	0.00038569	0.00027071
8.7329E-06	8.7014E-06	8.5181E-06	8.5181E-06	8.5181E-06
0.00506973	0.00474114	0.00330812	0.00338709	0.00316429
0.00998088	0.01020794	0.01072427	0.01090358	0.01038959
0.00696512	0.00412309	0.00431572	0.00437703	0.00438145
0.0090804	0.00793991	0.00845041	0.00876381	0.00861154
0.05855734	0.06020082	0.06189342	0.06363625	0.06363878
0.0856491	0.09161379	0.10307719	0.10564071	0.10564071
0.01014114	0.01010391	0.01039803	0.00766545	0.00782929
0.00056108	0.00043548	0.00044624	0.00043298	0.00041633
0.64447536	0.44375757	0.43417152	0.43070952	0.44576504
0.01250236	0.00697539	0.00636575	0.00623885	0.00588035
3.7281E-05	3.5106E-05	3.6003E-05	3.6003E-05	3.6003E-05
0.10000392	0.08334107	0.07985137	0.08389534	0.08187902
8.1046E-06	7.8225E-06	8.1203E-06	8.3159E-06	8.3159E-06
0.01743294	0.01488675	0.01441283	0.01484522	0.01539532
2.2941E-05	2.3574E-05	2.3749E-05	2.4396E-05	2.4396E-05
1.9614E-05	2.0072E-05	2.0171E-05	2.0614E-05	2.0614E-05
0.00892264	0.00999363	0.01047041	0.00902687	0.00686211
0.24772291	0.23891389	0.24355407	0.22055446	0.2173076
0.04615092	0.04704297	0.0478982	0.05202937	0.05202947
0.00066335	0.00064381	0.0006766	0.00071227	0.00075497
8.9759E-05	8.0111E-05	9.7377E-05	9.7842E-05	0.0001013
0.00888579	0.0086325	0.0121988	0.01266949	0.01362711
0.00755056	0.00718665	0.00757539	0.00783949	0.00785615
2.4554E-06	2.0266E-06	1.9532E-06	1.9398E-06	2.0344E-06
0.00302043	0.00343136	0.00456172	0.00322014	0.00309444
0.00101545	0.00082808	0.00086324	0.00091417	0.00095866
0.0654297	0.0707375	0.0699523	0.06915983	0.07033213
0.08457375	0.06463363	0.07631557	0.05176382	0.04919957
0.00029693	0.00028054	0.00033838	0.00033225	0.00035128
3.7597E-05	3.3901E-05	4.3663E-05	4.3364E-05	4.5473E-05
0.23611734	0.22209487	0.23164015	0.23085376	0.22909444
0.07739135	0.07512844	0.08001315	0.08523723	0.0848748

0.00200214	0.00223066	0.00188357	0.00197647	0.00209741
0.00143698	0.00144525	0.00136352	0.00128635	0.00125927
0.05926168	0.05485836	0.059235	0.05560969	0.05380356
0.00200041	0.00222807	0.0023078	0.00222342	0.00214443
0.00353757	0.00358818	0.00357863	0.00366268	0.00362333
0.04060208	0.04122383	0.04456728	0.05602041	0.07541133
0.02065834	0.02080976	0.02079331	0.02099361	0.01996941
0.00107287	0.0009998	0.00107643	0.00103918	0.00108151
0.00059177	0.0005098	0.00056542	0.00056379	0.00057477
0.00336187	0.0036798	0.00417024	0.00414147	0.00398072
0.01427935	0.01472626	0.01400961	0.01514821	0.01539773
0.00253033	0.00207515	0.00167447	0.00213727	0.00203471
3.9848E-05	4.0414E-05	4.8847E-05	4.7329E-05	4.9618E-05
0.04181775	0.04552266	0.034951	0.03510763	0.03428507
1.85437658	2.1851464	2.03171238	2.14370539	2.13686625
0.00031317	0.00032187	0.00033887	0.00034172	0.0003364
0.00082675	0.00079023	0.00083878	0.00087978	0.00090361
0.00393166	0.00390083	0.00397782	0.00405045	0.00415644
0.0017112	0.0015115	0.00160528	0.00177085	0.00181028
0.00030194	0.00030037	0.00029615	0.00030952	0.00031424
0.37710051	0.32944185	0.34425153	0.3510611	0.35024582
0.02490418	0.02479505	0.02673391	0.02692227	0.02690963
0.12645264	0.11686247	0.09105807	0.09611046	0.0951669
6.57677876	6.55123656	6.36243703	6.1163881	6.42568891
0.00233343	0.00230148	0.00261266	0.00268086	0.00261456
0.00301579	0.00303211	0.00314273	0.00323419	0.00327705
0.01797648	0.01814516	0.01837209	0.01861588	0.01875375
0.00159932	0.00160449	0.00162802	0.00168055	0.00169183
3.3318E-05	3.3309E-05	3.3791E-05	3.5443E-05	3.6403E-05
0.1138447	0.09163934	0.09981457	0.10664075	0.12710553
0.00013544	0.0001403	0.00013896	0.00013212	0.00013215
0.00031361	0.00032784	0.00032725	0.0003401	0.00033028
0.02020965	0.02093277	0.02077837	0.02126493	0.0212298
0.06902935	0.06590731	0.05462611	0.0545534	0.05391191
4.1682E-05	3.7729E-05	4.8548E-05	4.8217E-05	5.0554E-05
0.00355203	0.00421614	0.00481095	0.00462001	0.00487526
0.05165294	0.05361992	0.05453947	0.05203171	0.05053615
0.27106984	0.27575283	0.28440547	0.29458616	0.28226638
0.00023585	0.00024486	0.00024181	0.00022778	0.00022784
9.5473E-05	8.044E-05	8.3399E-05	8.2987E-05	8.35E-05
0.01342375	0.01350593	0.01402937	0.01364467	0.01313488
0.02296527	0.02401557	0.023916	0.02405156	0.0244357
0.01045814	0.00863892	0.01111395	0.01097629	0.01056994
0.02211078	0.02217222	0.02007624	0.01910287	0.01931995
0.06857166	0.05850178	0.07153729	0.06923205	0.07350313
4.7285E-05	4.7085E-05	4.8187E-05	4.4667E-05	4.4682E-05
8.9537E-05	7.6055E-05	9.2956E-05	0.00010262	0.00010203
0.14020023	0.12964932	0.13134725	0.13242207	0.12960676
0.00266783	0.0017296	0.0011575	0.00118908	0.00113963
0.01562553	0.0113225	0.01159257	0.01150851	0.01202493
0.22620554	0.21038427	0.21830444	0.19613481	0.19462648



0.00268871	0.00244776	0.00247245	0.00266319	0.002609
1.3284E-05	1.1762E-05	1.2345E-05	1.2253E-05	1.2279E-05
0.11994193	0.11568871	0.14877882	0.14298469	0.13238838
0.12134101	0.12187407	0.12248689	0.12260879	0.12265204
0.09610309	0.09990787	0.09974669	0.10090437	0.09718572
0.0049608	0.00442913	0.00466735	0.00461662	0.00443247
0.01688162	0.01678308	0.02205868	0.02351075	0.02337192
0.00258301	0.002596	0.00257104	0.00262013	0.00259399
0.00016354	0.00016354	0.00016354	0.00016354	0.00016668
0.0002585	0.00026591	0.00026295	0.00027139	0.00026551
0.00040884	0.00041242	0.0004102	0.00041806	0.00041472
0.00076279	0.00066928	0.00069413	0.00069845	0.00065166
0.01371372	0.01276715	0.01208089	0.01205931	0.01120894
2.9215E-05	2.5843E-05	3.0804E-05	3.089E-05	3.1821E-05
6.8532E-05	7.0116E-05	9.2232E-05	9.5636E-05	9.7063E-05
0.00306259	0.00339681	0.00441102	0.00465665	0.00494932
0.00110879	0.00113013	0.00115247	0.00117526	0.00117546
0.00450554	0.00533525	0.00627951	0.00631964	0.00609167
0.00520239	0.00500389	0.00418618	0.00355687	0.00440982
0.01035917	0.00821204	0.00837746	0.01096712	0.01107601
0.0060342	0.0068805	0.00709152	0.00745189	0.00754442
0.0056857	0.0054981	0.00548486	0.00549513	0.0055542
0.02305506	0.02283109	0.02661875	0.02373928	0.02340706
0.77600379	0.77297798	0.78451302	0.86924061	0.8648001
4.52907415	4.61383642	4.97256655	5.23344981	5.37164368
0.01510728	0.01459969	0.01539701	0.01571769	0.01538172
0.07650353	0.07828313	0.08051415	0.08381551	0.08468642
0.02138342	0.01872169	0.01791941	0.02015931	0.0211876
0.00016644	0.00012374	0.00015	0.00014425	0.00013552
0.00740062	0.00696555	0.00618386	0.00615456	0.00630992
0.06222503	0.06151242	0.07342927	0.07099068	0.06584181
0.0068817	0.0041175	0.00381006	0.00382803	0.00391565
0.00471757	0.00458778	0.00470369	0.00590225	0.00951013
0.49216176	0.45899856	0.48460153	0.43840105	0.42308215
0.08084441	0.08064208	0.08476059	0.08482236	0.08441732
0.02403536	0.02701453	0.02852019	0.03146113	0.03260333
0.00233863	0.00150362	0.00155248	0.00143653	0.00146059
0.05410275	0.05289583	0.05456341	0.05383977	0.05402303
2.4592E-05	2.4506E-05	2.4852E-05	2.6007E-05	2.6663E-05
1.3809E-05	1.2452E-05	1.604E-05	1.593E-05	1.6705E-05
0.21468812	0.21076628	0.20049367	0.19885035	0.19424075
0.0098084	0.00983746	0.01071986	0.01108196	0.01128351
0.00693277	0.00658514	0.00774441	0.0078751	0.00823426
0.00310492	0.00206665	0.00226871	0.00291652	0.00485928
0.00142428	0.00144862	0.00146077	0.00151202	0.00149818
0.00313554	0.00233741	0.00268686	0.00291891	0.00293867
0.00014398	0.00012187	0.00013065	0.00012908	0.00013102
0.0909267	0.09375034	0.09611267	0.09421122	0.09426531
0.00046133	0.00046688	0.00046051	0.00047927	0.00048728
0.00718325	0.00751447	0.00804485	0.00793727	0.00726817
0.002316	0.00261993	0.00262759	0.00252104	0.00243717

0.02030376	0.02171999	0.02217007	0.02094855	0.02097006
0.00066465	0.00065085	0.00066233	0.00069231	0.00071065
0.01763394	0.01617278	0.01780309	0.01591928	0.01600492
0.00106817	0.0008638	0.00100511	0.00096364	0.00099649
0.01753944	0.01662172	0.01775894	0.01813631	0.01827415
0.00068261	0.00068117	0.00069089	0.00072435	0.00074374
0.1792758	0.16281375	0.13082266	0.14609384	0.14850067
0.00333025	0.00316176	0.00330746	0.00378852	0.00391391
0.00232134	0.00239487	0.00236571	0.00244414	0.00238738
8.1574E-05	9.1864E-05	0.00010069	0.00011061	0.00010841
0.04039997	0.03775303	0.03459383	0.03531786	0.03567458
0.00658628	0.00560255	0.00576307	0.00602514	0.00632415
0.01498544	0.01485584	0.01489289	0.01474652	0.0147492
0.00147777	0.00153796	0.00151973	0.00157725	0.00153574
0.00012958	0.00011248	0.00021023	0.0002178	0.0002209
0.00203033	0.0017075	0.00168222	0.00150234	0.00147874
0.01155639	0.01096808	0.01558464	0.01665503	0.0180813
0.04253569	0.03274674	0.02935935	0.03308825	0.03454543
0.00199423	0.00183411	0.0018827	0.00209565	0.00211543
0.00911294	0.01020781	0.00785305	0.00817233	0.00883787
0.00039095	0.00041405	0.00060521	0.00063022	0.00061068
0.21820924	0.21532073	0.21847667	0.21741717	0.21589452
0.00374546	0.0034582	0.0038312	0.00389162	0.00396061
0.02245928	0.01994635	0.01884371	0.01714932	0.01633599
0.03145231	0.03264479	0.03580294	0.03457685	0.03498429
0.05620163	0.06484199	0.0631072	0.06371117	0.06548171
0.03236743	0.02777873	0.02927861	0.03103799	0.03063893
0.01004774	0.0060911	0.00779447	0.008176	0.00843924
0.38456039	0.43169617	0.44438994	0.42474962	0.41807555
0.0086267	0.00706189	0.00705922	0.00708828	0.00716952
0.04401829	0.03412199	0.03607365	0.03694007	0.03744325
0.10937906	0.08226187	0.09081901	0.09165315	0.09509613
0.00016886	0.00017227	0.00017976	0.00018855	0.00019366
0.00519124	0.00454095	0.00450591	0.0045845	0.00462823
0.17544331	0.17474749	0.15748211	0.15504314	0.14990406
0.00015887	0.00020069	0.00020281	0.00020248	0.00021163
0.14653989	0.14053794	0.1140688	0.11859787	0.12904324
0.06088642	0.06025516	0.05756522	0.05942115	0.05884261
0.06113192	0.06018599	0.0634735	0.06102478	0.06102947
0.00029742	0.00029721	0.00030147	0.00031611	0.00032461
0.01339402	0.01255102	0.0126532	0.01360784	0.01460091
0.0008531	0.00085306	0.00085303	0.00085299	0.00085329
0.03146575	0.03478002	0.03797864	0.03554442	0.03631547
0.61406281	0.60786726	0.63729619	0.7047099	0.72510383
0.00529216	0.00514966	0.0055353	0.00553228	0.00557055
0.11556758	0.10455134	0.10207032	0.10869631	0.11201255
0.01737741	0.01676772	0.01538005	0.01592158	0.01584924
0.0443859	0.04299429	0.04289918	0.04266872	0.04266975
0.00957121	0.01166492	0.00884459	0.00767571	0.007362
0.0114465	0.0111804	0.01181936	0.01228706	0.01244236
2.5774E-07	2.3748E-07	2.4186E-07	2.6194E-07	2.6948E-07

0.00017039	0.00016621	0.00016747	0.00017252	0.00017534
0.00100888	0.00100966	0.00100231	0.00101903	0.00101004
0.0025313	0.00231968	0.00288508	0.00304343	0.00323509
0.0022588	0.00224333	0.00226073	0.0022882	0.00228698
1.1673E-05	1.0512E-05	1.1593E-05	1.1696E-05	1.1724E-05
6.4905E-05	6.7347E-05	6.6425E-05	7.4458E-05	7.727E-05
0.00040251	0.0003794	0.00037836	0.00038298	0.00038509
0.0348243	0.03073638	0.03084438	0.03101691	0.03082701
0.00724122	0.00683703	0.00695512	0.00723058	0.00724865
0.22890336	0.2473634	0.2442719	0.24743958	0.24767369
0.01902553	0.01819042	0.0185362	0.01810062	0.01812315
0.00033927	0.00035632	0.00035104	0.00036819	0.00037815
0.00515037	0.00467784	0.00440814	0.00436324	0.00436961
2.6003E-05	2.2727E-05	2.6223E-05	2.6357E-05	2.703E-05
0.00198787	0.00188705	0.0018621	0.00194401	0.00197186
0.00104053	0.00106708	0.00108405	0.00109811	0.00108712
0.68185808	0.56939079	0.47247027	0.54488829	0.52441114
0.00521819	0.00453236	0.00486102	0.00444857	0.00452183
0.0003095	0.0003095	0.0003095	0.00031605	0.00030944
0.00019977	0.00019527	0.0001956	0.00020166	0.00020616
5.2604E-05	5.252E-05	5.3254E-05	5.5802E-05	5.7286E-05
0.00155295	0.00134152	0.00141653	0.00146108	0.00143329
0.00608336	0.00566666	0.00602886	0.00579183	0.00585226
0.17518622	0.19160311	0.21429808	0.19969767	0.19320659
0.08536004	0.08318681	0.08711188	0.0818316	0.07775694
0.06775446	0.06800749	0.073003	0.07441174	0.07555316
0.13712299	0.144469	0.15531437	0.15629339	0.15594437
0.06717306	0.06539283	0.0603197	0.037711	0.03483131
0.07350707	0.07444289	0.07653722	0.07650135	0.07645012
2.08669931	1.97155591	2.02219811	1.95136874	1.92580863
0.01117477	0.00995873	0.01009504	0.01080062	0.01166493
9.3904E-05	7.9276E-05	8.2728E-05	8.2291E-05	8.2918E-05
0.02251546	0.01783925	0.01551247	0.0184902	0.01957609
2.8162E-05	2.4511E-05	2.7327E-05	2.7586E-05	2.8077E-05
0.48525317	0.53262843	0.63695426	0.60592813	0.68132831
0.00011599	0.00011302	0.00011376	0.00011706	0.000119
0.00014723	0.00014493	0.00014634	0.00015178	0.00015494
0.00330907	0.0028764	0.0028287	0.00319241	0.00432444
0.24669561	0.23873088	0.23419624	0.23618592	0.2346869
0.05068804	0.0516513	0.05397709	0.0536329	0.05387237
0.011495	0.01101212	0.0114492	0.01176887	0.01223465
0.00054318	0.00047766	0.00051696	0.00052999	0.00055395
0.00571326	0.00496788	0.00551213	0.00574166	0.00610561
0.00810602	0.00620943	0.00717009	0.00814234	0.00844856
1.8896E-06	1.5677E-06	1.5306E-06	1.5174E-06	1.6051E-06
0.00098889	0.0008067	0.00096134	0.00097187	0.00102387
0.03395416	0.03523006	0.04264479	0.04170957	0.04007955
0.05625372	0.07319555	0.0832638	0.09456115	0.08496695
0.00063929	0.0006726	0.00076813	0.00072708	0.00079062
0.00033579	0.00029175	0.00031691	0.00031474	0.00033006

0.85327973	0.79949592	0.7706868	0.71810838	0.69860289
0.10316749	0.10382149	0.10465781	0.10262805	0.10230165
0.00909443	0.00912414	0.00961529	0.01006565	0.01082646
0.00055594	0.00056137	0.00056345	0.00054012	0.00054023
0.07408818	0.07566941	0.07101802	0.06577507	0.06420831
0.00039252	0.00052854	0.00050814	0.00051487	0.00049893
0.00227064	0.00232352	0.00235467	0.00244071	0.002377
0.04552363	0.04563674	0.06881827	0.08110547	0.08425296
0.10407938	0.08465309	0.10993935	0.12392819	0.08699738
0.01087469	0.01101591	0.01118732	0.01080027	0.01124004
0.0022936	0.00202852	0.00216812	0.00215643	0.00223832
0.39710142	0.41014973	0.3886147	0.37898297	0.3578018
0.05886528	0.06097656	0.06413739	0.06904394	0.06800521
0.00212867	0.00197677	0.00201405	0.00202829	0.00204527
0.00036325	0.00034501	0.00035516	0.00035107	0.00036813
0.01360741	0.01030649	0.0190661	0.01926627	0.01944075
0.90409695	0.87862163	1.02137675	0.76620195	0.7633657
0.00077043	0.00068433	0.00073746	0.00073239	0.00076491
0.12226574	0.30753135	0.30754782	0.31961631	0.34773231
0.00211731	0.00199143	0.00173651	0.00180049	0.00191526
0.55341356	0.39347816	0.44250727	0.50659096	0.51273747
0.00017321	0.00017591	0.00017727	0.00019555	0.000202
0.29672424	0.25909063	0.24730094	0.21770696	0.20862067
0.05890957	0.05949344	0.06107209	0.05925355	0.05891448
0.72384002	0.69253422	0.65723078	0.56467838	0.49240571
49.3784062	51.5784503	58.9145749	59.9538397	63.5074215
0.00534949	0.00610076	0.00652638	0.0064639	0.0064099
0.00302098	0.00285529	0.00236762	0.00251008	0.00248719
0.00438904	0.00438888	0.00438265	0.00443999	0.00444019
0.00132974	0.00138858	0.00143849	0.00144381	0.00134373
6.3273E-05	6.1701E-05	6.3457E-05	6.656E-05	6.8363E-05
0.07280531	0.08270433	0.05787181	0.05639278	0.0689884
0.0001447	0.00014863	0.00015096	0.00014077	0.00014082
0.00040168	0.00041278	0.00042038	0.00043758	0.00042419
0.00250675	0.00241176	0.00238796	0.00237923	0.00237984
0.03883501	0.03241156	0.02816833	0.0280377	0.02893647
0.00038192	0.00033224	0.00036082	0.00035835	0.00037577
0.00510834	0.00495419	0.0049281	0.00504258	0.00503244
1.66134237	1.31722613	1.50702058	1.64773227	1.40215129
1.79826375	1.52124683	1.79360085	1.86515166	1.43336416
0.0002718	0.00027916	0.0002835	0.00026371	0.0002638
0.0001926	0.00017432	0.00018111	0.00018009	0.00018391
0.14006683	0.14095832	0.17148294	0.15434702	0.14949559
0.03082269	0.03369484	0.03403891	0.03490999	0.03588494
0.01973132	0.01921986	0.0216045	0.0230304	0.02136773
0.01167473	0.01093606	0.01037999	0.01065307	0.01114714
0.0430763	0.03502916	0.0561018	0.06427068	0.06545838
0.00061436	0.00064449	0.00069273	0.00064213	0.00064236
8.2797E-05	7.0309E-05	8.5933E-05	9.4864E-05	9.4327E-05
0.1653005	0.13583733	0.14207514	0.15525704	0.13148668
0.03881652	0.03838791	0.04078648	0.04313235	0.04184007

8.9091E-06	9.4456E-06	1.0038E-05	9.3048E-06	9.3081E-06
0.90830275	0.72439675	0.69738958	0.6835049	0.55677229
0.00095695	0.00093295	0.00095851	0.0010053	0.0010325
3.5298E-05	3.2265E-05	3.3798E-05	3.1615E-05	3.311E-05
0.24881097	0.23685079	0.2559856	0.26620539	0.24062006
0.00175322	0.00168952	0.00181161	0.00195623	0.00197443
0.37892812	0.38250795	0.40766814	0.37692123	0.36529606
0.00063568	0.00057706	0.00046517	0.00049998	0.00052146
0.00542707	0.00385729	0.00414488	0.00461228	0.00446989
0.00023962	5.1162E-05	5.5586E-05	5.9746E-05	6.2313E-05
0.00150682	0.00154331	0.00156019	0.00161243	0.00157251
0.00123074	0.00123074	0.00123074	0.00123074	0.00128431
0.00025888	0.00026556	0.00026949	0.00028001	0.00027197
0.00021265	0.00021734	0.00021955	0.00022631	0.00022173
0.00028408	0.00027429	0.00028566	0.00027095	0.00023765
0.06067317	0.03718259	0.03584997	0.03508404	0.02798621
0.00015207	0.00013221	0.00014359	0.00014261	0.00014955
0.00041461	0.00042149	0.00041998	0.00043081	0.00043763
0.42329021	0.29399461	0.39469408	0.30359078	0.3351007
0.00178847	0.00181646	0.00184577	0.00187568	0.00190514
0.00205786	0.00203293	0.00199433	0.00181765	0.00195163
0.1019681	0.05751099	0.06313125	0.0619973	0.06106685
0.02901438	0.02462742	0.02299983	0.02317945	0.023597
0.015623	0.01507482	0.0175877	0.01739635	0.01659357
0.00180605	0.00174645	0.00175634	0.00174432	0.0018292
0.04923356	0.047626	0.04729405	0.04589398	0.04216091
1.50954599	1.52314038	1.66081136	1.87051182	1.95547719
18.8005762	16.9682241	19.1324973	21.2368589	23.0012024
0.35910402	0.18749337	0.08369383	0.06796253	0.05236206
0.10240074	0.10614836	0.10960178	0.10680209	0.1047987
0.09308157	0.07386223	0.06978264	0.07851774	0.08271408
1.0712E-05	3.7932E-06	5.4794E-06	6.5495E-06	6.1528E-06
0.08472681	0.0748265	0.0681631	0.06765378	0.05997618
0.37508726	0.33122774	0.34034048	0.42386344	0.37920973
0.00508753	0.00299113	0.00309418	0.00305266	0.00324981
0.00525263	0.0049705	0.0050507	0.00491618	0.00504855
2.59410353	2.72402255	2.78791954	2.44427146	2.30618688
0.35258744	0.35127215	0.36482914	0.34887203	0.34295326
0.00452492	0.00427017	0.00565675	0.00571512	0.00571595
0.00709274	0.00793032	0.00965934	0.00884828	0.00898381
0.16179126	0.13558759	0.11962038	0.06986071	0.07586676
4.341E-05	4.2344E-05	4.3539E-05	4.5663E-05	4.6896E-05
0.00012665	0.00011011	0.00011959	0.00011877	0.00012455
4.17226165	3.52965916	3.48336749	2.88021249	2.83408294
0.05684431	0.06102973	0.06617141	0.06446488	0.0643565
0.05218964	0.05136713	0.05415285	0.05624218	0.06109557
0.02967789	0.02382683	0.01474967	0.01461423	0.01461216
0.00081342	0.00083416	0.00084861	0.00088136	0.00086242
0.02282816	0.01706466	0.01779421	0.01883251	0.01934109
0.00045405	0.00040234	0.00042538	0.00042152	0.00043594
0.03466809	0.03429319	0.03156959	0.02932541	0.02724042

0.0003723	0.00038054	0.00038517	0.00041046	0.00042142
0.03156951	0.03330045	0.04163012	0.04211678	0.04274688
0.00556762	0.007851	0.00827239	0.00792277	0.00791939
0.02359223	0.02241587	0.02596955	0.024038	0.02400419
0.00121385	0.00119061	0.00121556	0.00126822	0.00130155
0.10514621	0.10516664	0.11117226	0.11128018	0.1050527
0.0021369	0.00223186	0.00241736	0.00241743	0.00256979
0.09518691	0.04295433	0.09342488	0.10212334	0.11366883
0.0012785	0.00124669	0.00128212	0.00134478	0.0013812
0.27763481	0.22786312	0.22934644	0.24604964	0.28127569
0.01422776	0.01103895	0.00940016	0.01162742	0.01230517
0.00245244	0.0025166	0.00255426	0.00265486	0.00257737
0.00040506	0.0005122	0.00042312	0.00043058	0.00040369
0.03960157	0.04339507	0.03795907	0.03918619	0.04242055
0.5862205	0.53470749	0.60135558	0.62521982	0.68037211
0.00403931	0.00340779	0.0036476	0.00367554	0.00369662
0.00174143	0.00178927	0.00181756	0.0018913	0.00183453
0.00115727	0.00086956	0.00113796	0.00127303	0.00132384
0.01359397	0.0119674	0.01225073	0.01092806	0.01140375
0.00985382	0.00849236	0.00773689	0.00590203	0.00650525
0.33120009	0.39016867	0.35804409	0.35332563	0.36805066
0.0002525	0.00031978	0.00021598	0.00024523	0.00024825
0.13982136	0.12996801	0.07512898	0.07812154	0.08493518
0.00144437	0.00160821	0.00170205	0.00164753	0.00157345
0.0060776	0.00674158	0.00691961	0.00662787	0.00642347
0.02019493	0.01694368	0.01811669	0.01823073	0.0183493
0.18355516	0.1818882	0.22605465	0.20749761	0.18777984
0.02554267	0.02398518	0.02761144	0.02735061	0.02745642
9.858E-08	8.427E-08	5.565E-08	5.8371E-08	5.9952E-08
0.02540701	0.02615004	0.02816506	0.02881037	0.02789273
0.00866272	0.0088686	0.00954042	0.01001786	0.01033966
0.54028901	0.47100671	0.49203238	0.43840123	0.41799683
0.01409038	0.0133236	0.01245427	0.01042412	0.01228634
0.02127713	0.01895708	0.01996151	0.0206328	0.02070566
3.43420201	3.56675658	3.7997829	3.83193155	4.2281186
0.00088726	0.00090516	0.00094451	0.00099069	0.00101752
0.0033244	0.0025002	0.00244931	0.00254421	0.00260472
2.36406768	2.16880417	2.52106539	2.55558176	2.04445387
0.43015894	0.34777881	0.41037025	0.4257749	0.43353577
0.05868869	0.05121622	0.04365015	0.04538948	0.04934387
0.06517304	0.05938652	0.05774304	0.05688322	0.05611772
3.0761E-06	2.9073E-06	2.9963E-06	2.0368E-06	2.2028E-06
0.00056028	0.00054637	0.00056191	0.00058938	0.00060534
0.01127885	0.01128353	0.01161795	0.01168272	0.01280303
0.00116743	0.00116741	0.00116738	0.00116736	0.00116777
0.07490072	0.054459	0.06099972	0.05700931	0.04598689
1.80283291	1.72114375	1.83436226	1.92280026	2.01863933
0.00683187	0.00910063	0.01485124	0.01625745	0.01810935
0.27484681	0.27204624	0.28138622	0.27947762	0.28299016
0.13039273	0.13658877	0.12778449	0.1247397	0.11793056
0.00972487	0.00922027	0.00950195	0.00880782	0.00881045

0.06466386	0.02079609	0.05617776	0.05205546	0.04946831
0.2263093	0.2061614	0.22547623	0.21192889	0.17874159
1.4656E-05	1.3345E-05	1.4738E-05	1.6364E-05	1.6691E-05
0.00019206	0.00018738	0.00019222	0.00020135	0.00020665
0.0005213	0.00053076	0.0005362	0.00055326	0.00054105
0.01772022	0.01730942	0.01686686	0.01687324	0.0169571
0.00072814	0.00074424	0.00075545	0.00074394	0.00074404
5.1253E-05	4.8419E-05	4.9714E-05	5.0424E-05	5.0631E-05
7.4517E-05	7.6528E-05	7.7694E-05	8.8608E-05	9.2455E-05
0.00215642	0.00215598	0.00218962	0.00197692	0.00213803
0.09793625	0.08112221	0.07617511	0.07512921	0.07287591
0.01910876	0.01875745	0.01785407	0.01540545	0.01443535
0.38385348	0.28617399	0.32124037	0.29747351	0.29802007
0.0031286	0.00307944	0.0033216	0.00316992	0.00317485
0.00045925	0.0004722	0.00047982	0.00050327	0.0005169
0.01222793	0.01198023	0.01207177	0.01189919	0.01199333
0.00012761	0.00011234	0.00012105	0.00012066	0.00012568
0.00085757	0.0007826	0.00076244	0.00084516	0.0008733
0.00015593	0.0002306	0.0002644	0.00026302	0.00025663
1.46009368	1.47697467	1.33876887	1.35067376	1.22286677
0.00652116	0.00727415	0.0063122	0.00576271	0.0058546
0.00749555	0.00749555	0.00749555	0.00765421	0.00749408
0.00030036	0.00029278	0.00030068	0.00031508	0.00032353
9.7894E-05	9.5462E-05	9.8172E-05	0.00010297	0.00010575
0.00248873	0.00233188	0.00243123	0.00241439	0.00226838
0.00447132	0.00435909	0.00443735	0.00408108	0.004457
2.7424068	2.39943981	2.57835237	2.53503444	2.63418122
0.62191103	0.61309596	0.63132631	0.61082123	0.60175009
0.0027431	0.00259771	0.00283416	0.00292767	0.00296893
0.00360867	0.00340378	0.00476405	0.00480417	0.0048042
0.25796751	0.25940466	0.24303353	0.18807723	0.17757882
0.01300034	0.01585524	0.01832227	0.01851489	0.0185485
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0.00020681	0.0001864	0.00019455	0.0001934	0.00019808
0.03437693	0.01496123	0.01387754	0.01643714	0.0204678
0.00010475	9.3158E-05	9.9855E-05	9.9797E-05	0.00010346
4.32493362	4.17686166	3.78548241	3.34009537	4.14505569
0.00013175	0.00012851	0.00013183	0.00013808	0.00014172
0.0002115	0.00020629	0.0002119	0.00022211	0.00022805
0.00366552	0.0030582	0.00276659	0.00273633	0.00274349
1.0179272	0.86506963	0.86100217	0.8237044	0.7774791
0.30218365	0.3426977	0.23438655	0.25725836	0.2870681
0.02081349	0.01524468	0.01416494	0.01559181	0.01739924
0.00447862	0.00370013	0.00406517	0.004273	0.00450758
0.06547077	0.06421352	0.07105143	0.07370511	0.07590862
0.52625473	0.4710186	0.52830622	0.55972521	0.57250193
0.00028849	0.00023812	0.00022953	0.00022795	0.00023909
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0.02370624	0.01919189	0.02103318	0.02190069	0.02301558

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1.000252	0.88524755	1.00945589	1.0056148	0.94006633
0.03378852	0.03689447	0.03762431	0.03759801	0.03872756
0.0039157	0.0032702	0.0035852	0.00357942	0.00377267
5.17845693	5.21173654	5.01028604	5.14652577	4.98346074
0.56395237	0.52633732	0.53525505	0.4936119	0.46145986
0.14247996	0.13339154	0.14336624	0.14989868	0.15629702
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4.941221	5.00410777	5.24261703	4.72434273	4.47087861
0.16580839	0.17267685	0.14733758	0.15029038	0.14821472
0.17752219	0.18131144	0.17963151	0.1844059	0.182683
0.78762127	0.7224452	0.86678347	0.96268712	0.94657798
0.24983689	0.23259193	0.25290979	0.25720261	0.22366131
0.12991029	0.13058789	0.13423287	0.13451285	0.13717728
0.02064653	0.01719452	0.01879661	0.01876714	0.01969888
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0.84864351	0.83981816	0.87541046	0.85121107	0.79734445
0.00641271	0.00533467	0.00496073	0.00581839	0.00585216
0.00429754	0.0039141	0.00406764	0.00405863	0.00427671
0.18020172	0.16320411	0.17897297	0.18300814	0.18501206
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0.01491399	0.01881526	0.01800009	0.01814499	0.01857307
0.03892315	0.03881724	0.03992722	0.04083176	0.04114833
0.06856292	0.06388099	0.06589736	0.06943936	0.0707938
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1.13462898	0.93277252	0.96906432	1.00779626	0.97965599
36.4282959	36.3515382	37.6900034	37.2334271	40.5896486
0.26279186	0.26320232	0.27913656	0.28603307	0.28319951
0.20675232	0.20906986	0.21084449	0.22001614	0.22229439
0.74052854	0.75818463	0.77374926	0.79767329	0.79835393
0.07037716	0.07043119	0.07120067	0.07527252	0.07564523
0.00109997	0.00106511	0.00112879	0.0011809	0.00120824
0.73476042	0.70337139	0.78126563	0.80672444	0.86835247
0.00891976	0.00918334	0.00905934	0.00892763	0.00892595
0.01151838	0.01207045	0.01245252	0.01300789	0.01264286
0.09231947	0.08186835	0.09008419	0.09065238	0.0949379
0.5703839	0.5582922	0.54812522	0.54704556	0.55023878
0.0044383	0.00371402	0.00406969	0.0040619	0.00427944
0.08286845	0.08240264	0.08328547	0.08345209	0.08350468
1.15581778	1.18652574	1.24686745	1.20133612	1.1060261
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0.0011491	0.00096915	0.0010509	0.0010486	0.00109751
0.16627925	0.15844694	0.1616125	0.15447997	0.14932485
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1.81372818	1.48927867	1.60414876	1.58691945	1.53760437
0.35574992	0.30743976	0.3436288	0.36309091	0.38708164
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0.10865157	0.10745109	0.10794842	0.10948233	0.10948453
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0.76994626	0.74079949	0.81144004	0.81334299	0.84568552
0.34388257	0.35000438	0.34196071	0.35730773	0.35223849
0.00366026	0.00269898	0.00270417	0.00279563	0.00283656
0.12406591	0.12532448	0.12384346	0.12620661	0.12516942
0.01156792	0.0115684	0.011569	0.0115696	0.01214258
0.01542372	0.01578238	0.01562038	0.01605284	0.01583401
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0.01559488	0.0144103	0.01474305	0.01528595	0.01492575
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0.29553621	0.28659439	0.31631099	0.32334851	0.33282392
0.00614652	0.0062139	0.00628152	0.00635143	0.00652454
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0.16251316	0.13340841	0.12651496	0.10829129	0.12129832
0.1525402	0.13888432	0.14602296	0.15360912	0.16091417
0.88150133	0.92124054	0.85224178	0.78056168	0.78414354
0.17980792	0.17387255	0.17231833	0.17427258	0.17580491
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4.11560823	3.78442912	3.91572646	4.12752082	4.23159798
14.6731185	13.8407126	14.8902538	15.6831263	16.4986556
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0.54474856	0.52879417	0.53498475	0.54830251	0.5493509
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0.0609211	0.04017089	0.04607404	0.0458707	0.04827875
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3.33030081	3.14326018	3.22394955	3.1567605	2.97017853
0.67329556	0.7197742	0.79257132	0.78314235	0.79025568
0.5972668	0.58853804	0.6135529	0.62033368	0.62317556
0.02948247	0.03008633	0.03376415	0.03384452	0.03424071
0.18730768	0.18950271	0.19134378	0.19660552	0.20004226
0.00138879	0.00137672	0.00143109	0.00147841	0.00150789
0.00150571	0.00125782	0.00137804	0.00137551	0.00144945
2.4372834	2.77977253	2.9261845	2.92253426	2.85297564
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0.17256006	0.16939786	0.17707942	0.19212929	0.20290118

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0.00395818	0.00332338	0.00362521	0.00361691	0.0038014
0.24094694	0.22726281	0.22630989	0.2075409	0.21261243
0.04324967	0.04374403	0.04338626	0.04435108	0.04470317
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0.04596301	0.04326685	0.04684616	0.04986347	0.0506392
0.22379745	0.22178488	0.2334971	0.23647798	0.23670593
0.02169271	0.02107388	0.0225011	0.02361525	0.02420602
2.54012498	2.15540943	2.11918869	2.28990879	2.37295182
0.03462159	0.02953578	0.03047443	0.03207621	0.03235094
0.09797247	0.10371868	0.12617949	0.12957262	0.1274781
0.00723736	0.0070627	0.00710144	0.0072198	0.00688159
0.36824198	0.36382994	0.34733478	0.35157848	0.35493916
0.12182665	0.11342143	0.1219605	0.12700931	0.13594472
0.45340584	0.45536888	0.47458947	0.47724208	0.48213651
0.0727285	0.07544048	0.07538345	0.07825233	0.07670586
0.00904743	0.00670081	0.00807059	0.00917624	0.00960147
0.04037009	0.03416086	0.03570635	0.03953358	0.04019771
0.2162866	0.21850811	0.2230044	0.2256125	0.23083372
1.58900339	1.52146159	1.49031074	1.56155667	1.61807372
0.06452072	0.06422024	0.06632525	0.0733909	0.07439045
0.03059821	0.03084293	0.02858604	0.02987449	0.03115194
0.08010475	0.08514489	0.09000332	0.09209583	0.09131054
3.52221611	3.45609739	3.59307545	3.64184069	3.61502362
0.07678591	0.06937321	0.07502034	0.07738585	0.08093201
1.58443571	1.64880887	1.63296748	1.53691156	1.51510907
1.16309303	1.16991146	1.28006503	1.15652873	1.14899755
0.29406626	0.32779028	0.32815494	0.32992789	0.33508878
0.27867174	0.25030215	0.25435923	0.25520588	0.26552369
0.41168245	0.40156394	0.41795027	0.43502412	0.44400156
1.73792845	1.87220062	1.94189292	1.87420268	1.76364278
0.0927622	0.06486119	0.07586243	0.0785632	0.08594137
0.45583236	0.38724476	0.40640275	0.4274723	0.43655417
0.95750614	0.84938857	0.90831441	0.90861267	0.94810111
0.01254004	0.01271331	0.01324731	0.01387865	0.01418281
0.08031098	0.06645026	0.06745574	0.06923697	0.07016089
5.42128346	5.30568261	5.69667974	5.43016388	4.93937021
0.05710697	0.05811529	0.05881619	0.05861781	0.06370027
0.45187593	0.42730038	0.35686559	0.37008177	0.39900621
0.50833029	0.46820432	0.45482776	0.44514587	0.38805661
0.1817118	0.17567681	0.19025637	0.18026116	0.1813073
0.00980875	0.00953365	0.0101455	0.01057993	0.01080778
0.31491494	0.30824551	0.31620182	0.33266652	0.34953405
0.02228409	0.02227926	0.02227452	0.02226977	0.02232104
2.38115081	2.47498815	2.55609346	2.34027572	2.24712106

22.6356097	21.5349918	23.7786826	21.4553142	21.7109042
0.09131169	0.09234985	0.09614657	0.09543788	0.09554888
3.61364737	3.52800028	3.60425897	3.71405173	3.82644519
0.38497107	0.37754464	0.38360517	0.38771217	0.38971433
0.54723063	0.54465077	0.57031589	0.55394646	0.55410971
20.8212127	19.0313713	19.6155618	20.9548882	21.1860602
0.12651451	0.13200047	0.13880107	0.14145409	0.13795958
0.14315198	0.13867552	0.14369548	0.14563765	0.14976327
0.00020757	0.00019152	0.00019319	0.00020858	0.00021481
0.00723334	0.007199	0.00746541	0.00768769	0.00783272
0.07454419	0.07551532	0.07374965	0.07525685	0.07492387
0.07178933	0.0573711	0.06495588	0.06823659	0.07218612
0.19007154	0.19469429	0.19196476	0.19718962	0.19718427
0.00028928	0.00026433	0.00027503	0.00027973	0.00028205
0.00318823	0.00329966	0.0032836	0.00359977	0.00370054
0.02603842	0.02540655	0.02586413	0.02464287	0.02582197
1.45427743	1.46970872	1.57202873	1.56822715	1.55681533
0.09329881	0.08756313	0.08955601	0.08869776	0.08482758
0.73848813	0.85094859	0.8459029	0.7784672	0.75176379
0.04501087	0.04472173	0.04548176	0.04631198	0.04681757
0.01217707	0.01282366	0.01303962	0.013681	0.01404994
1.06282699	1.04663448	1.07802177	1.11290391	1.162214
0.0013556	0.00113965	0.00124631	0.00124533	0.00130952
0.09720092	0.0961845	0.09389955	0.0978333	0.0986199
0.10203705	0.11123121	0.11468147	0.11691176	0.11644736
2.24352365	2.11255584	1.98645662	2.12247525	2.13286231
0.03362249	0.03559797	0.03811487	0.03780017	0.03825352
0.90117401	0.90181383	0.90077543	0.90392978	0.90320495
0.00548501	0.00532807	0.00562756	0.00587889	0.00599381
0.00217948	0.00213047	0.00223801	0.00232387	0.00236612
0.05496678	0.04869154	0.04766442	0.04886321	0.04863164
0.43638313	0.38525448	0.45429158	0.46756599	0.49794638
5.68380384	6.02860741	6.39812946	6.20671947	6.10742227
1.60151673	1.56015312	1.65631696	1.59219379	1.53246108
0.93581971	0.9524573	0.99260868	1.00362016	1.01580812
0.52731221	0.55544	0.59774247	0.60190034	0.60136393
4.27684792	3.37421508	3.18823783	2.34544467	2.37900204
0.12833475	0.11561156	0.12809784	0.12892084	0.12942135
33.2758679	32.4637029	33.5715611	34.6398868	34.6254258
0.31760111	0.31581138	0.32291432	0.33446618	0.33276821
0.00139747	0.00117768	0.00128082	0.00127809	0.00133796
0.58028581	0.28520557	0.27913042	0.32507576	0.38713459
0.00098867	0.00083065	0.00090804	0.00090717	0.00095404
1.65395201	1.72944732	1.74813398	1.65817032	1.92718636
0.00412606	0.00408766	0.00425489	0.00439351	0.00448099
0.00480736	0.00469879	0.00492795	0.00510588	0.00520126
1.24165838	1.26036813	1.28452407	1.31173194	1.34030554
3.03446555	2.75543152	2.78592228	2.67844482	2.63646955
0.63468959	0.64172822	0.65663081	0.66947851	0.67309651
0.32545125	0.31514581	0.32280618	0.32615384	0.33138781
0.00200811	0.0015061	0.00166681	0.00169608	0.00180017

0.02308241	0.0230882	0.02502103	0.026422	0.02737856
0.09849836	0.04600639	0.08209854	0.09414191	0.09835767
0.00028489	0.00023512	0.00022657	0.00022502	0.00023597
4.6320087	2.21334137	2.45509229	3.04906624	3.64304018
0.01318774	0.00965657	0.0105692	0.01043653	0.01052805
0.02022202	0.01635935	0.017355	0.01829448	0.01918476
0.2745622	0.24967998	0.2946509	0.34167962	0.35210291
0.67394265	0.52956571	0.65003064	0.67917658	0.6504854
0.04415534	0.0427759	0.04510781	0.04426845	0.04685157
0.00122394	0.00091798	0.00101593	0.00103377	0.00109721
1.53312577	1.48584661	1.47203226	1.52520099	1.62287963
0.24390705	0.21376052	0.22091661	0.20904113	0.20902671
0.09201744	0.07466137	0.08245608	0.08680248	0.08956795
0.00593187	0.00645326	0.00655562	0.00610181	0.00610811
0.24226808	0.20342996	0.22329955	0.22307257	0.21164122
0.06369895	0.06657285	0.0433341	0.04512985	0.04372986
0.03665655	0.03987849	0.04051108	0.04229117	0.04102253
0.74680352	0.63305001	0.65415163	0.68044749	0.62674938
0.079948	0.07609815	0.08279176	0.08202758	0.08142627
0.02879483	0.02668844	0.02656663	0.02660471	0.02669439
0.00637298	0.00477973	0.00528974	0.00538263	0.00571297
0.02718624	0.0244349	0.02823773	0.02928631	0.02972871
0.18656018	0.16651099	0.16492041	0.15227751	0.15404534
0.0009623	0.00072177	0.00079878	0.00085767	0.00092049
0.00128888	0.00104996	0.00110233	0.00112169	0.00119053
0.14988465	0.12006266	0.15253602	0.15825969	0.16384346
3.16729567	3.04188343	3.27292428	3.40480081	3.51811378
0.00267034	0.00200272	0.00221642	0.00225534	0.00239375
0.01063142	0.00953737	0.00908708	0.00953132	0.00978947
0.00412165	0.00414463	0.00449784	0.00475838	0.00493254
0.0280734	0.02505827	0.02534516	0.02729078	0.02813923
0.00232825	0.00253276	0.00257294	0.00295229	0.00308506
2.20348267	1.91948968	1.9912128	2.0613516	2.09723169
0.14636612	0.13527836	0.13682789	0.13551127	0.13754252
0.41804183	0.38584723	0.40711259	0.45502891	0.4634798
21.292899	21.4895196	22.3792773	23.6172084	26.0112909
0.05021742	0.04999643	0.06041335	0.06349527	0.0615571
0.03896611	0.03906539	0.04057017	0.04650469	0.0486178
0.02322615	0.02443907	0.02396235	0.02805193	0.02902161
0.01880106	0.01761603	0.01788625	0.02057023	0.02151246
0.00069931	0.00070784	0.00076685	0.00081127	0.00084096
0.41146435	0.35560638	0.45744558	0.46625404	0.48067877
0.00263931	0.00287142	0.00291697	0.00271504	0.00271784
0.00772677	0.00840579	0.00853913	0.00891434	0.00864693
0.07234453	0.06138278	0.06947325	0.0694528	0.07384019
0.01785404	0.01415708	0.01373063	0.01364284	0.01432524
0.00135625	0.00101717	0.00112571	0.00114547	0.00121577
0.01791365	0.0158616	0.01715151	0.01695708	0.01704527
0.17597208	0.16446578	0.17641372	0.18313007	0.18515147
1.53499373	1.37835852	1.46250834	1.42382235	1.34524195
0.00506779	0.00551323	0.00560068	0.00521297	0.00521836

0.0002976	0.0002232	0.00024701	0.00025135	0.00026678
0.12949097	0.11821436	0.11827699	0.11713415	0.11780106
0.09431659	0.08356389	0.09609012	0.09561442	0.10047377
0.56684487	0.49903369	0.50465937	0.52536936	0.55173519
0.23880571	0.19764908	0.23272662	0.24642173	0.26368252
0.7702041	0.78237301	0.81534569	0.78629877	0.77343524
0.00285377	0.00280709	0.00289719	0.00269358	0.00269972
0.00138484	0.00117263	0.00143255	0.00158312	0.00157636
0.88116646	0.70311283	0.81612411	0.86894797	0.86162935
0.02684031	0.02507079	0.02630481	0.02722406	0.0261392
0.09432576	0.08442155	0.08738057	0.08099462	0.08104371
0.11002844	0.10231276	0.10031332	0.09626946	0.08807311
0.01066224	0.01079217	0.01169193	0.01236916	0.01282183
7.6405E-05	5.7323E-05	6.3439E-05	6.6146E-05	6.7894E-05
1.22515751	1.03653032	1.15793116	1.19287657	1.177944
0.00198117	0.00168506	0.00175513	0.00201473	0.002111
1.25644171	1.01674782	1.09647384	1.12526994	1.14184021
0.05069222	0.04431712	0.04616907	0.04817717	0.04913487
0.11677026	0.12386048	0.13464512	0.12441926	0.12059422
0.0055632	0.00516264	0.005142	0.00533176	0.00541136
0.02358983	0.0256634	0.02607049	0.02721605	0.02639963
0.00395704	0.00395704	0.00395704	0.00395704	0.00418096
0.00462563	0.00503208	0.0051119	0.00533652	0.00517644
0.00263152	0.00286295	0.00290836	0.00303616	0.00294508
0.00591321	0.00485028	0.00491479	0.00564289	0.00591445
0.1294229	0.10860469	0.11815471	0.13141773	0.13251176
0.0005401	0.0004051	0.00044832	0.00045619	0.00048419
0.0007673	0.00062415	0.00067233	0.00074797	0.00075059
0.10802826	0.09827032	0.11919032	0.12584487	0.13376161
0.00129944	0.00129944	0.00129944	0.00129944	0.00132542
0.00984727	0.00955363	0.01089012	0.01112728	0.01123493
0.13265421	0.12753615	0.10768522	0.07632209	0.09474963
0.05175192	0.04294713	0.05553199	0.05563222	0.05917068
0.06540178	0.05821677	0.06303924	0.06917119	0.07094808
0.01860647	0.01799248	0.01766821	0.01754727	0.01840119
0.12596092	0.10959354	0.12192114	0.13239134	0.12960417
1.53932677	1.37551721	1.4940747	1.61580784	1.68673962
6.81625753	5.55476671	6.60005509	6.89404843	7.27355062
0.12284962	0.10352366	0.11084947	0.11844177	0.11734676
3.99143313	4.05615696	4.17438851	4.35533351	4.4098271
0.36766366	0.31273013	0.31422468	0.35432985	0.37598022
0.0093973	0.00801375	0.00839749	0.00907662	0.00859235
0.22422688	0.20412144	0.20714071	0.22698475	0.22377058
0.91030825	0.73395942	0.89124279	0.93422021	0.9242113
0.0265611	0.02079491	0.02565898	0.02551307	0.02681326
0.09217149	0.08030786	0.08491719	0.08420881	0.08422053
2.01653676	1.85241758	1.9173557	1.93269239	1.85986639
0.14356008	0.2381404	0.30602605	0.3005063	0.31827114
0.12735436	0.12117736	0.12971688	0.12693687	0.12710303
0.01545146	0.01940684	0.02065494	0.02168466	0.02181639
0.13190543	0.13730628	0.14107759	0.1479474	0.15187571

0.00047808	0.000484	0.00052435	0.00055473	0.00057503
0.00044982	0.00033738	0.00037338	0.00037994	0.00040326
1.61433096	1.49346848	1.53265799	1.58343871	1.57090681
0.14974935	0.12822876	0.15029032	0.14285329	0.14138519
0.03205609	0.0318385	0.03248617	0.03407942	0.03500887
0.05926766	0.04663013	0.04595453	0.04553256	0.04552611
0.01089582	0.01185352	0.01204155	0.01257066	0.01219357
0.16540392	0.15364761	0.15567345	0.17187575	0.17094162
0.0011224	0.00084178	0.0009316	0.00094796	0.00100614
0.15135663	0.12994398	0.15033333	0.12608939	0.13849667
0.00611976	0.00665766	0.00676327	0.00729629	0.00752325
0.06499533	0.06449114	0.06482847	0.06618173	0.06835586
0.0607134	0.04605948	0.048721	0.04190283	0.04059663
0.03970903	0.03318661	0.03392307	0.03354606	0.03371863
0.0125781	0.01237843	0.01349213	0.01423717	0.01476184
0.24895811	0.21788957	0.24480143	0.22822947	0.22640208
0.03119481	0.02888027	0.03209822	0.03356373	0.03389436
0.01637151	0.01406017	0.01684724	0.01595053	0.01592531
0.01418346	0.01426317	0.01547868	0.0163753	0.01697465
1.57504484	1.10210013	1.07404647	1.28703404	1.30868753
0.023733	0.0199675	0.02334359	0.02545787	0.02574488
0.04467857	0.04860548	0.0493765	0.05154615	0.04999987
0.00604304	0.0050355	0.00532151	0.00632875	0.00622634
0.16071968	0.1517518	0.13014544	0.13493614	0.13856581
0.08783164	0.08399525	0.08089711	0.08486528	0.0871936
0.04367342	0.03935152	0.05101909	0.04779587	0.04785975
0.03266783	0.03553906	0.03610281	0.0376892	0.0365586
0.00389658	0.00284957	0.00340273	0.00389658	0.00411708
0.0132966	0.0110989	0.01145882	0.01261894	0.012613
0.01119614	0.01218023	0.01237344	0.01151689	0.01152878
0.58241826	0.4572834	0.46063906	0.55166652	0.61864576
0.02248143	0.02060202	0.02110956	0.02291467	0.02356329
0.01787121	0.01808905	0.01959716	0.02073228	0.02149102
0.01281314	0.01244323	0.01342352	0.01398798	0.0135661
0.60398153	0.51301239	0.58102044	0.60578367	0.58719189
0.02576668	0.02610153	0.02937963	0.03095629	0.0329879
0.2636705	0.22478512	0.22463402	0.22147386	0.22607189
0.1189565	0.11192461	0.11659585	0.11987332	0.11842884
0.03737979	0.06412636	0.06668403	0.07010379	0.07220281
0.1738683	0.14831703	0.14977007	0.1522241	0.16349316
0.09339217	0.08161194	0.08044149	0.09196297	0.09444713
1.10130138	1.2776623	1.36124995	1.25043611	1.09237879
0.05972413	0.0434322	0.05692827	0.06072204	0.06480999
0.38107252	0.30124814	0.32153305	0.3451825	0.35473091
0.38902185	0.29290398	0.32503733	0.35670553	0.37397934
0.0086913	0.00873674	0.0090962	0.00957309	0.00986204
0.02743164	0.02018462	0.02120128	0.02246372	0.02334341
0.51047732	0.4966159	0.54796075	0.56673341	0.57566459
0.02121387	0.01912355	0.02037637	0.02089667	0.02224296
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0.15528312	0.13003724	0.14028894	0.14841717	0.14305256

0.1073689	0.10216314	0.11532876	0.10551063	0.10680301
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0.15614764	0.1454889	0.15232926	0.17601561	0.18483917
0.01566591	0.01566591	0.01566591	0.01566591	0.01576076
0.18424041	0.17668114	0.19314085	0.19951647	0.20178247
2.9784763	2.82472722	3.05397433	3.1133072	3.15312224
0.00673179	0.006526	0.00717653	0.00665228	0.00665462
1.54015236	1.47065419	1.49773932	1.62059875	1.69450205
0.07344911	0.0693194	0.0797425	0.08272343	0.08396208
0.15612122	0.14237289	0.16342116	0.15180247	0.15202476
4.799666	4.38487858	4.51653246	4.82504303	4.87827238
0.0379289	0.03478818	0.0396441	0.04237745	0.04105604
0.06758117	0.06582241	0.06517002	0.06357946	0.07087134
0.00013513	0.00012483	0.00012483	0.00013438	0.00013854
0.00205444	0.0020795	0.00225287	0.00238336	0.00247058
0.00707445	0.0076964	0.00781848	0.00816203	0.00791719
0.04223125	0.0357406	0.04374998	0.0461862	0.04908902
0.00699557	0.00761032	0.00773104	0.00719586	0.00720329
0.00015774	0.00012876	0.00013551	0.00014083	0.00014267
0.00138794	0.00150993	0.00153388	0.00176004	0.00183919
0.00447268	0.00384606	0.00388382	0.00396579	0.00400261
0.07705348	0.07157428	0.07572663	0.07977643	0.08106519
0.05731703	0.04670169	0.05306259	0.05573141	0.04951506
0.16223287	0.15127567	0.15179893	0.13686937	0.13331652
0.00780459	0.00768225	0.00828694	0.00892149	0.00919722
0.008915	0.00969846	0.0098523	0.0103489	0.01064625
0.06562781	0.05977547	0.05686268	0.05716469	0.0574297
0.0003905	0.00029288	0.00032413	0.00032982	0.00035006
0.01495191	0.01398767	0.01347716	0.01546424	0.01615968
0.00921992	0.01282846	0.01401366	0.01471389	0.01440713
1.05033798	1.0226744	0.95004605	1.08404685	1.10176388
0.0168888	0.02048277	0.02295535	0.02414647	0.02427855
0.08877626	0.08834539	0.08845519	0.09058126	0.090585
0.00252542	0.00255449	0.0027708	0.00293874	0.00305452
0.00108091	0.00109409	0.00118531	0.00125396	0.00129986
0.03024121	0.02581415	0.02506628	0.02724655	0.02807737
0.08748777	0.08331834	0.09054775	0.09025933	0.08979354
0.48231568	0.45299641	0.5196878	0.54027739	0.57179987
0.36203405	0.36364032	0.35677668	0.32926773	0.31171735
0.09367509	0.09383716	0.11124163	0.10346753	0.10373117
0.04882283	0.04796007	0.05263691	0.04925723	0.0492099
0.29069143	0.25653817	0.28139245	0.24540281	0.24961365
0.0517096	0.04613304	0.05129432	0.05264241	0.05306522
22.4755007	19.2081414	20.9738137	21.367409	21.6430943
0.30427895	0.31215404	0.33346596	0.34236356	0.33410299
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0.27089143	0.10012636	0.10038339	0.12393077	0.16166536
0.00028515	0.00021388	0.0002367	0.00024086	0.00025564
0.41989	0.35013037	0.29091189	0.31703384	0.3556595
0.00141022	0.00142723	0.00154622	0.00163579	0.00169565
0.00230225	0.00233033	0.00252461	0.00267084	0.00276859

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0.74195104	0.65357948	0.71240818	0.71205522	0.7293045
0.02090328	0.02173301	0.02826326	0.02648796	0.02649756
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0.00108202	0.00108595	0.00107021	0.00107351	0.00107683
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0.82798853	0.84158215	0.85519163	0.87183985	0.88881232
0.05034639	0.05106833	0.05222228	0.05271648	0.05321536
0.00139792	0.00141117	0.00139529	0.0014099	0.00142467
0.92824245	0.93654444	0.94268596	0.95398917	0.96543645
0.2651642	0.26835615	0.27026251	0.27255177	0.27486703
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0.13101143	0.1368366	0.14283892	0.14713855	0.15156768
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0.0055914	0.00564379	0.00557815	0.00557319	0.00556825
0.14507415	0.14646098	0.14886169	0.15069513	0.15255139
0.15438672	0.15092431	0.15154097	0.15322452	0.15492862
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0.00118992	0.00118815	0.00107497	0.00097777	0.00089309
0.1426293	0.1433371	0.1440052	0.14602474	0.14807262
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0.00266978	0.00272564	0.00276997	0.00282077	0.00287251
0.00411123	0.00415671	0.00419992	0.00419994	0.00419996
0.02808021	0.02937469	0.0304514	0.03112194	0.03180723
0.04092166	0.04123493	0.04116643	0.04180712	0.04245778
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0.17094569	0.17216235	0.17394148	0.17625951	0.17861858
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25.6450644	26.1189003	26.5841443	26.9700318	27.3615585
0.26603651	0.27446329	0.28358897	0.29298494	0.30269222
0.30610171	0.3139038	0.31648082	0.32308848	0.32983409
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0.1615312	0.16388934	0.16741452	0.17138869	0.17545797
0.17128139	0.16672542	0.15953136	0.15570837	0.15239439
0.00064408	0.00065185	0.00065013	0.00065799	0.00066595



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0.00101556	0.00101202	0.00103349	0.00103535	0.00103721
0.19764493	0.19972892	0.20222777	0.20537203	0.20857584
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0.00894347	0.00917165	0.00939676	0.00962168	0.00985199
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4.3552E-05	4.3611E-05	4.5067E-05	4.5607E-05	4.6153E-05
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0.02798844	0.02829683	0.02885925	0.02913849	0.02942047
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0.3205489	0.32993541	0.3421156	0.35408786	0.36647925
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0.01398591	0.01448947	0.01483207	0.01520499	0.01558728
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0.01176872	0.01228226	0.01299946	0.01325929	0.01352431
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0.07042668	0.07365425	0.07480537	0.07646213	0.07825537
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15.8640632	16.0440464	16.2212091	16.4920902	16.7675301
0.11516343	0.11602177	0.1166376	0.11822518	0.11983798
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0.01048612	0.01070107	0.01085991	0.01106284	0.01127682
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0.18435388	0.1883935	0.1909915	0.19453109	0.1981365
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0.43999191	0.45341686	0.46653995	0.47628354	0.48623064
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0.12959275	0.13175906	0.12935313	0.12947169	0.12976883
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1.42115584	1.4579626	1.47185265	1.50278568	1.53436922
0.00316977	0.00328405	0.00338193	0.00345228	0.0035241
0.00296307	0.00312486	0.00322903	0.00329849	0.00336946
0.26270991	0.27418344	0.28332023	0.29264825	0.3022834
0.76723112	0.77000787	0.76555453	0.76819966	0.77085393
0.1686647	0.17214293	0.17533663	0.17765944	0.18001303
0.15952654	0.16305812	0.16659052	0.16852816	0.17049184

11.0541613	10.9127851	10.0915042	9.53261367	9.63779601
490.660636	487.974875	498.836272	455.80611	428.991712
170.243719	150.347196	159.521226	153.095386	143.633388
362.440298	349.628171	379.527256	347.266948	319.073516
851.564712	735.411578	804.997922	803.701123	641.846432
203.819345	199.839969	208.330617	192.756493	188.560177
811.539488	699.719252	765.024331	787.237168	772.718484
6.83449271	7.35409004	7.42593107	7.5104606	7.6062767
246.931744	245.918203	242.483618	238.631837	238.244898
20.6031135	20.1067649	21.5193623	20.2786159	19.798353
59.1790076	55.4580617	57.1936274	57.0035387	54.0710429
1.2941706	1.28276107	1.3272056	1.30741298	1.27536328
2.22503458	2.21561528	2.36843222	2.27813316	2.19086291
0.70797612	0.69856842	0.7504514	0.67603942	0.6379873
1.74621161	1.5058541	1.59063245	1.61292752	1.54450418
130.812017	125.165845	124.380994	121.336692	118.544216
89.7408398	83.5246394	80.4184129	76.478529	72.4230627
142.501276	139.825714	136.733306	133.730439	132.686565
7.29862837	7.4049055	7.48457347	7.28424779	7.16497334
0.12438452	0.11439584	0.10883304	0.10680807	0.10194438
1.69726898	1.68054623	1.73891645	1.71377516	1.66853695
9.3567976	7.91727782	8.781078	9.04239304	7.52732618
36.7658686	36.2123864	37.6010685	34.9142538	32.8710827
7.60336527	6.59755743	7.24664601	7.38262272	7.25510745
11.2718386	11.4617772	11.5358019	11.6258924	11.7210092

140.318447	146.296999	143.249643	143.092059	143.618297
3379.67288	3322.84572	3375.47257	3385.63342	3413.53273
2710.31916	2550.73347	2620.8725	2619.23784	2666.41566
6249.928	6194.01047	6341.35573	6223.60647	6406.82139
14088.0101	13593.4645	14655.4505	14693.3667	14923.9331
3198.01078	3236.34213	3332.1697	3220.32619	3212.57355
8282.47875	7092.90247	7634.70495	7943.5014	8239.04496
17.6960232	17.71227	17.7394192	17.8599992	17.9973556
4468.93408	4536.24385	4571.48779	4598.60949	4610.57329
280.392826	279.23241	279.330836	277.327416	278.205311
3053.10664	2866.51145	2974.03321	3111.83075	3197.19651
18.7897184	18.7883869	18.9524706	19.2333361	19.573341
14.268437	14.4660837	15.563469	15.7837814	15.8592226
14.4390577	14.3962343	14.9994627	14.671613	15.0008691
29.5178786	27.108616	28.8486489	30.0991933	30.9628306
1704.65493	1731.93868	1770.05624	1800.67891	1833.70485

1220.68346	1272.79915	1333.24243	1393.06156	1450.96895
1681.59754	1712.66654	1708.49105	1722.23974	1733.74266
67.4859737	66.0819426	67.9153279	68.2647047	69.2163053
8.12675446	7.63995997	7.84503206	7.80225879	8.01837119
24.7868322	24.770081	25.0058358	25.1767262	25.6528207
119.789146	115.824869	127.515997	128.629412	132.449168
276.563878	265.660753	276.415385	274.577006	277.876068
108.516653	97.0375307	103.750215	108.213993	112.40752
120.259962	122.064291	123.78166	125.647648	127.555733

EDGAR Country Code	Country	1990	1991	1992	1993	1994
ABW	Aruba	0.10128886	0.10514203	0.10942828	0.10255867	0.10710098
AFG	Afghanistan	0.23547886	0.26567758	0.2411758	0.32422023	0.41787744
AGO	Angola	0.37165864	0.36494741	0.37416	0.55537895	0.72190651
AIA	Anguilla	0.02894309	0.04507545	0.03544075	0.04158872	0.05170278
ALB	Albania	0.65025455	0.71007357	0.52088933	0.47834603	0.49143658
ANT	Curaçao	0.8396223	0.84950951	0.87317133	0.71599368	0.77928982
ARE	United Arab Emirates	0.38756304	0.4247867	0.40886224	0.4344092	0.42751085
ARG	Argentina	0.45546256	0.42370807	0.3956438	0.36832629	0.35548371
ARM	Armenia	1.11517081	1.29497995	1.25078051	0.75555783	0.49588206
ATG	Antigua and Barbuda	0.18527059	0.1825342	0.18168281	0.17058238	0.17070519
AUS	Australia	0.75439981	0.76180731	0.76152506	0.7363885	0.71682822
AUT	Austria	0.23716167	0.24108221	0.22065185	0.21941647	0.21507386
AZE	Azerbaijan	0.89089704	0.87273937	0.94597873	1.08822981	1.20197841
BDI	Burundi	0.37080072	0.36950625	0.35977158	0.38930281	0.40237957
BEL	Belgium	0.33362302	0.3367933	0.32643339	0.32513661	0.33142863
BEN	Benin	0.33088212	0.32497289	0.32404896	0.30772907	0.32625957
BFA	Burkina Faso	1.11002905	1.07112848	1.07936422	1.06778991	1.0872383
BGD	Bangladesh	0.56304295	0.53587096	0.51316404	0.48763428	0.47641209
BGR	Bulgaria	0.78664132	0.71583699	0.72903524	0.72802087	0.68125957
BHR	Bahrain	1.38884727	1.22926831	1.32174978	1.24607223	1.24727273
BHS	Bahamas	0.14325058	0.13747492	0.12689262	0.12975043	0.13728637
BIH	Bosnia and Herzegovina	3.0135165	3.0122051	2.47073915	2.15976015	0.64676914
BLR	Belarus	1.11111058	1.08546059	1.09648586	1.05001762	1.04106244
BLZ	Belize	0.31405875	0.2916072	0.25635752	0.23334336	0.23468714
BMU	Bermuda	0.06189897	0.05844167	0.04733581	0.05069288	0.04997178
BOL	Bolivia	0.81069334	0.81656076	0.83716783	0.85614361	0.86590038
BRA	Brazil	0.35643095	0.36732511	0.38059161	0.37568365	0.36904918
BRB	Barbados	0.22208787	0.22255569	0.23247594	0.21963979	0.21179946
BRN	Brunei	0.24227727	0.25588263	0.25233757	0.26368503	0.26052357
BTN	Bhutan	0.62840431	0.5854716	0.53800324	0.53740842	0.54027303
BWA	Botswana	0.66851684	0.55609438	0.5569985	0.52995074	0.51940161
CAF	Central African Republic	1.77441223	1.90242979	2.02866842	1.88851891	1.95467072
CAN	Canada	0.52716483	0.53373848	0.54395216	0.53342004	0.53245057
CHE	Switzerland and Liechtenst	0.12603196	0.13245443	0.13183125	0.12579953	0.12170663
CHL	Chile	0.39136697	0.35448859	0.32952859	0.3224729	0.32590957
CHN	China	2.07511347	1.96522496	1.77156392	1.63160605	1.50564599
CIV	Côte d'Ivoire	0.16038532	0.16544262	0.16788041	0.17045289	0.18312304
CMR	Cameroon	0.58325634	0.5902462	0.58740116	0.62057623	0.59081987
COD	Democratic Republic of the	0.31952032	0.31976379	0.36481101	0.44060616	0.44387389
COG	Congo	0.52421606	0.50647618	0.49705863	0.51779852	0.47985363
COK	Cook Islands					
COL	Colombia	0.40778319	0.40355859	0.39898572	0.39027606	0.37191557
COM	Comoros	0.24647624	0.24080935	0.2194927	0.21686161	0.23302552
CPV	Cabo Verde	0.30753596	0.33758068	0.34052449	0.3169856	0.26289113
CRI	Costa Rica	0.27824922	0.28029673	0.28775501	0.26932997	0.26719392
CUB	Cuba	0.33352505	0.31718256	0.31357733	0.33420148	0.34252671
CYM	Cayman Islands	0.05197464	0.05298657	0.05779243	0.04745368	0.06067546
CYP	Cyprus	0.33148515	0.36159579	0.35288487	0.36606244	0.35996462
CZE	Czechia	0.69049951	0.70478842	0.67777875	0.65214208	0.60423369
DEU	Germany	0.36546859	0.34059266	0.31666815	0.3160476	0.30489206

DJI	Djibouti	0.74152163	0.89571455	0.64690168	0.53267985	0.73853912
DMA	Dominica	0.10968134	0.10792351	0.10607295	0.12672739	0.14331563
DNK	Denmark	0.28959084	0.32992127	0.29922586	0.30985417	0.30873214
DOM	Dominican Republic	0.33169864	0.34453788	0.32677239	0.30800156	0.32528159
DZA	Algeria	0.45529482	0.4638895	0.48980119	0.51080251	0.51042122
ECU	Ecuador	0.39875076	0.38707411	0.40744061	0.41029361	0.4143323
EGY	Egypt	0.31581421	0.33192501	0.32260208	0.31585943	0.29430032
ERI	Eritrea	1.31600814	1.44835363	1.67710095	1.25565029	1.08978112
ESH	Western Sahara					
ESP	Spain and Andorra	0.24431953	0.24459848	0.24872046	0.23943734	0.24377244
EST	Estonia	1.46909465	1.46739163	1.38793248	1.21877208	1.25180078
ETH	Ethiopia	1.50982772	1.64374574	1.8483898	1.50653204	1.51882024
FIN	Finland	0.36990866	0.39503522	0.38997708	0.40077092	0.42391459
FJI	Fiji	0.3514714	0.34368818	0.34453168	0.36071869	0.35832898
FLK	Falkland Islands					
FRA	France and Monaco	0.22651169	0.23712867	0.22730994	0.21938759	0.2120873
FRO	Faroes					
GAB	Gabon	0.83492851	0.7551081	0.83044166	0.82343644	0.77792272
GBR	United Kingdom	0.37371631	0.38353008	0.37301039	0.35424382	0.33529027
GEO	Georgia	0.6750329	0.68726984	1.01836167	1.19952629	0.96987609
GHA	Ghana	0.24211214	0.23625713	0.23805812	0.23270622	0.23293341
GIB	Gibraltar	0.24020469	0.3357761	0.39477535	0.39143861	0.44010187
GIN	Guinea	0.5757139	0.58340038	0.53631215	0.53204233	0.54061627
GLP	Guadeloupe					
GMB	The Gambia	0.33902671	0.35083234	0.33175387	0.32384293	0.33929643
GNB	Guinea-Bissau	0.94780465	0.94052872	0.92820459	0.92161244	0.90649832
GNQ	Equatorial Guinea	0.34732344	0.36438463	0.27365386	0.26865304	3.06495591
GRC	Greece	0.35930914	0.34777879	0.3519395	0.35765265	0.35936349
GRD	Grenada	0.10439048	0.10347897	0.10663916	0.11694942	0.12723747
GRL	Greenland	0.02931659	0.02932412	0.03090135	0.03247234	0.03054515
GTM	Guatemala	0.19198387	0.19353555	0.20028241	0.20568744	0.20240142
GUF	French Guiana					
GUY	Guyana	0.98783265	0.9784748	0.91885763	0.88873746	0.87085598
HKG	Hong Kong	0.21744772	0.22479738	0.23657366	0.22752472	0.18674491
HND	Honduras	0.41380812	0.43272939	0.42256949	0.386844	0.42164007
HRV	Croatia	0.2991584	0.29223272	0.29636342	0.32074494	0.29073716
HTI	Haiti	0.27081206	0.27303224	0.30336362	0.30954214	0.33077811
HUN	Hungary	0.4348212	0.46130345	0.42117687	0.4278606	0.4137587
IDN	Indonesia	0.44351188	0.43504998	0.42765982	0.41740639	0.40295106
IND	India	0.72576594	0.74762449	0.72395077	0.70572915	0.68495485
IRL	Ireland	0.56021801	0.55499319	0.53754676	0.53002029	0.51374206
IRN	Iran	0.62997576	0.63403725	0.6528414	0.65994772	0.73681065
IRQ	Iraq	0.91142933	1.16045914	1.18918519	1.16725325	1.22262126
ISL	Iceland	0.42956156	0.42738523	0.33214535	0.33977711	0.34078145
ISR	Israel and Palestine, State of	0.36648112	0.34996653	0.34992684	0.34184849	0.33017707
ITA	Italy, San Marino and the Holy See	0.21031898	0.20625309	0.20283702	0.20161281	0.1955428
JAM	Jamaica	0.44208279	0.42109818	0.44903283	0.41721036	0.41348875
JOR	Jordan	0.44147045	0.44587903	0.45672377	0.4545235	0.44837872
JPN	Japan	0.30078406	0.29373458	0.2932529	0.29398873	0.30412073
KAZ	Kazakhstan	1.20143373	1.37390292	1.46873404	1.41224803	1.44227338
KEN	Kenya	0.40101093	0.38641892	0.39386429	0.39642696	0.39211619

KGZ	Kyrgyzstan	1.24672096	1.24314684	1.06661158	1.01745683	0.95869094
KHM	Cambodia	1.25307336	1.12585049	1.07225759	1.06936759	1.48377386
KIR	Kiribati	0.20112687	0.21569924	0.18362324	0.18597204	0.18634598
KNA	Saint Kitts and Nevis	0.10331364	0.11753823	0.11496045	0.11554971	0.11959466
KOR	South Korea	0.54618803	0.53805014	0.53617669	0.53473621	0.5251792
KWT	Kuwait	0.79327451	1.21994043	0.66863945	0.69844021	0.73063332
LAO	Laos	0.92789659	0.86877948	0.85432496	0.81373065	0.79423113
LBN	Lebanon	0.40387349	0.32655017	0.30068666	0.36772869	0.36926027
LBR	Liberia	0.41220284	0.42713799	0.60721071	0.85317051	1.06331143
LBY	Libya	0.98397004	0.82753329	0.79666852	0.78753545	0.936585
LCA	Saint Lucia	0.06330181	0.06341041	0.05918361	0.05824818	0.06323734
LKA	Sri Lanka	0.28276534	0.2598461	0.26257769	0.24953025	0.25208149
LSO	Lesotho	0.82857478	0.78986813	0.79394679	0.75432473	0.69502043
LTU	Lithuania	0.59599195	0.65248511	0.53350688	0.50635517	0.5250657
LUX	Luxembourg	0.41008927	0.392354	0.3773151	0.3692729	0.33090802
LVA	Latvia	0.56076215	0.60001078	0.74144537	0.66129256	0.5334192
MAC	Macao	0.05441936	0.05384993	0.05368547	0.05660306	0.05925926
MAR	Morocco	0.39142727	0.37325741	0.39485077	0.39602744	0.3813455
MDA	Moldova	0.78940854	0.77682153	0.8971445	0.77526846	0.96305697
MDG	Madagascar	1.00460633	1.07344758	1.07431265	1.07371423	1.05701545
MDV	Maldives	0.06787052	0.06894876	0.06977724	0.07536207	0.13202702
MEX	Mexico	0.30543025	0.30569598	0.29685503	0.2972022	0.30053802
MKD	North Macedonia	0.53541319	0.51124474	0.49084455	0.53941229	0.53781868
MLI	Mali	0.92981106	0.84380431	0.86286377	0.84813643	0.84408251
MLT	Malta	0.3804112	0.34384807	0.3239948	0.39507708	0.33699324
MMR	Myanmar/Burma	2.18199536	2.14055255	2.06612679	2.01970345	1.9495322
MNG	Mongolia	1.84745688	2.25692671	2.29015029	2.24871751	2.028334
MOZ	Mozambique	1.23289658	1.13319099	1.27250912	1.16886501	1.14047114
MRT	Mauritania	0.61715734	0.64069748	0.73745304	0.70707807	0.72708206
MTQ	Martinique					
MUS	Mauritius	0.19446221	0.19419378	0.19008387	0.19288952	0.18963627
MWI	Malawi	0.56663745	0.54225155	0.5990218	0.54994438	0.61035027
MYS	Malaysia	0.43086005	0.4411826	0.42296762	0.38802582	0.38365248
NAM	Namibia	0.65725292	0.61682223	0.57242393	0.57522045	0.58130083
NCL	New Caledonia	0.37579199	0.38630556	0.38827549	0.39429138	0.39557005
NER	Niger	0.92002638	0.95936806	0.97630318	1.03211328	1.04467864
NGA	Nigeria	0.78494319	0.82616714	0.85483678	0.8831606	0.96967304
NIC	Nicaragua	0.58229671	0.51863849	0.56849948	0.60712123	0.60710008
NLD	Netherlands	0.34675241	0.34664306	0.33916784	0.33988093	0.33289779
NOR	Norway	0.22514319	0.2046771	0.19638465	0.20081608	0.199854
NPL	Nepal	0.86114089	0.77505853	0.78248395	0.73965531	0.72607843
NZL	New Zealand	0.69374798	0.70439134	0.70842958	0.6716602	0.65835307
OMN	Oman	0.56023931	0.6431632	0.57360932	0.52656184	0.49572719
PAK	Pakistan	0.54213086	0.51930754	0.50543284	0.52595907	0.51706198
PAN	Panama	0.25253326	0.24654533	0.24955633	0.24055589	0.2431344
PER	Peru	0.32104077	0.3081564	0.31498983	0.3111746	0.2849714
PHL	Philippines	0.35740632	0.35800793	0.36304753	0.37033069	0.37553079
PLW	Palau	8.60509442	8.14180855	7.95682117	9.28526493	12.9499982
PNG	Papua New Guinea	0.32961551	0.31106081	0.30170547	0.26272347	0.24778022
POL	Poland	1.03215998	1.08639672	1.02990695	0.98525484	0.9225274
PRI	Puerto Rico	0.22994179	0.23049714	0.22463959	0.22005009	0.21781178



PRK	North Korea	0.92090175	0.93406787	0.90951854	0.88692413	0.82413248
PRT	Portugal	0.21581334	0.21239782	0.22331126	0.22387785	0.22969757
PRY	Paraguay	0.51745104	0.4680796	0.48200784	0.50254827	0.50713685
PYF	French Polynesia	0.20529725	0.20113092	0.20705148	0.20870463	0.17256339
QAT	Qatar	0.83424006	0.87609515	0.83298071	0.85287255	0.87400543
REU	Réunion					
ROU	Romania	0.63384092	0.59403711	0.59393967	0.55277582	0.51929466
RUS	Russia	0.69187999	0.71185115	0.76554308	0.76687762	0.79372703
RWA	Rwanda	0.67329439	0.66267492	0.58723442	0.60590112	1.23948858
SAU	Saudi Arabia	0.35020243	0.32434364	0.33097179	0.34819814	0.36750995
SCG	Serbia and Montenegro	0.94177123	0.91662157	0.8590983	0.73665537	0.66542827
SDN	Sudan and South Sudan	0.92074828	0.87158644	0.88582184	0.88710236	0.96224378
SEN	Senegal	0.44062791	0.43791803	0.44792372	0.44928151	0.4622348
SGP	Singapore	0.24416593	0.24277395	0.23282963	0.24219314	0.23311105
SHN	Saint Helena, Ascension and Tristan da Cunha					
SLB	Solomon Islands	0.39327402	0.3811035	0.36036883	0.35220613	0.33350618
SLE	Sierra Leone	0.64518857	0.6521829	0.72972537	0.72769429	0.72770625
SLV	El Salvador	0.22321218	0.24651113	0.24557828	0.23876093	0.24701767
SOM	Somalia	3.60004402	3.20078941	3.21004393	3.37493702	4.43384793
SPM	Saint Pierre and Miquelon					
STP	São Tomé and Príncipe	0.17243786	0.2004827	0.18470913	0.18149331	0.19945218
SUR	Suriname	0.33254977	0.35819065	0.37566579	0.38076094	0.36159772
SVK	Slovakia	0.8312976	0.8434895	0.83992696	0.79945028	0.71667207
SVN	Slovenia	0.41988757	0.42915823	0.42924089	0.42991684	0.40482626
SWE	Sweden	0.21952184	0.22209931	0.23257398	0.23926339	0.2389931
SWZ	Eswatini	0.68385371	0.68763883	0.63598615	0.54650166	0.67848608
SYC	Seychelles	0.29461998	0.39103648	0.31373291	0.29407516	0.3007476
SYR	Syria	1.38193741	1.45443081	1.27687971	1.26998668	1.23156049
TCA	Turks and Caicos Islands	0.04585885	0.04294754	0.04055647	0.03737121	0.03472539
TCD	Chad	2.31630745	2.24196044	2.16234553	2.64309981	2.52866111
TGO	Togo	0.38085325	0.37177519	0.3515995	0.40948265	0.4203406
THA	Thailand	0.45567894	0.44633652	0.43202394	0.42182944	0.41227093
TJK	Tajikistan	0.97701118	1.08010967	1.24776469	1.14028469	1.18942112
TKM	Turkmenistan	2.24819785	2.13488241	1.89171653	1.83851403	2.37295393
TLS	Timor-Leste	0.3183376	0.33847753	0.29507648	0.27711863	0.28939421
TON	Tonga	0.49547112	0.4787904	0.50062148	0.48453846	0.54783043
TTO	Trinidad and Tobago	1.06145655	1.04411777	0.96352721	0.95728577	1.02345068
TUN	Tunisia	0.4173904	0.42007896	0.40828276	0.40825998	0.39177856
TUR	Türkiye	0.32641177	0.3187198	0.31672181	0.30244474	0.31146147
TWN	Taiwan	0.39131292	0.38760976	0.37606518	0.37614554	0.3696489
TZA	Tanzania	0.62911359	0.6224594	0.62186401	0.6343293	0.63924189
UGA	Uganda	0.79555523	0.78332132	0.77662517	0.73690842	0.6816625
UKR	Ukraine	0.81549472	0.83978678	0.82575436	0.85299146	0.93442092
URY	Uruguay	0.66799784	0.6867272	0.67560085	0.67261555	0.62939559
USA	United States	0.5603022	0.55571519	0.54534825	0.54116123	0.52892573
UZB	Uzbekistan	2.10648391	2.1074931	2.15934188	2.22600052	2.30601073
VCT	Saint Vincent and the Grenadines	0.09333278	0.08935049	0.09143336	0.08124743	0.10834272
VEN	Venezuela	0.33537864	0.31505882	0.29875793	0.30563972	0.33810755
VGB	British Virgin Islands	0.13136459	0.08879759	0.0830338	0.06482317	0.0455814
VNM	Viet Nam	0.64593104	0.63332719	0.59899907	0.58315875	0.56489644
VUT	Vanuatu	1.02818474	1.00954881	0.94375181	0.9884678	0.91968929

WSM	Samoa	0.43783525	0.45459458	0.444693	0.45791122	0.47936999
YEM	Yemen	0.39992297	0.41638054	0.39613833	0.38202044	0.40427184
ZAF	South Africa	0.9242729	0.91622308	0.92213407	0.92066461	0.9073541
ZMB	Zambia	0.81990892	0.82991117	0.84605602	0.77523507	0.8071738
ZWE	Zimbabwe	0.81061731	0.76751801	0.86640898	0.74777498	0.66488977
EU27	EU27	0.34343931	0.33513837	0.32079496	0.31662402	0.30752703
GLOBAL TOTAL	GLOBAL TOTAL	0.54324198	0.53928032	0.53120677	0.52485505	0.51719044

1995	1996	1997	1998	1999	2000	2001	2002
0.11447496	0.07664914	0.11506707	0.11559565	0.11569659	0.09775931	0.09462273	0.10243565
0.28391179	0.33061577	0.37549294	0.41616235	0.4656489	0.4272887	0.41383948	0.38904432
0.72655775	0.77090383	0.74914079	0.77105292	0.76186565	0.6894146	0.64003437	0.5471608
0.06317683	0.06499646	0.05583946	0.04507595	0.03961333	0.05298323	0.05505978	0.04455981
0.41114007	0.36144637	0.3569903	0.34350182	0.3680909	0.35403365	0.33546435	0.34800249
0.75757105	0.74016186	1.35099709	1.34448267	1.27294777	1.2881985	1.297014	1.23483391
0.42114688	0.41759302	0.39230469	0.39493807	0.39324174	0.36259943	0.39577864	0.39105571
0.36954022	0.35951134	0.33828919	0.33007112	0.34888361	0.3475584	0.35846259	0.40128781
0.52329316	0.41577792	0.45815082	0.42930522	0.3887686	0.40201068	0.37550889	0.30746378
0.18461531	0.17222236	0.17041832	0.16593136	0.16197404	0.11761667	0.12181739	0.13020513
0.70178774	0.69443709	0.68595558	0.68461359	0.65964723	0.64612511	0.64454972	0.62949863
0.21701977	0.22229978	0.21568806	0.2085431	0.19651641	0.19035237	0.19901972	0.19988883
1.3367915	1.15418453	1.07212137	0.9872009	0.94350515	0.88881837	0.79594268	0.72472663
0.45355704	0.51075311	0.52911249	0.50031944	0.44142723	0.4559202	0.43912641	0.41602315
0.32568113	0.33300041	0.31313469	0.31459902	0.29593392	0.28799198	0.28519288	0.26585092
0.29248559	0.34357522	0.34303257	0.33114062	0.33437428	0.32836474	0.33952834	0.34692043
1.06127575	0.98437075	0.96240771	0.92245064	0.82376354	0.82875106	0.86576072	0.85108618
0.47128247	0.45609141	0.44202996	0.41841533	0.41747357	0.4000219	0.39729841	0.39245342
0.66858041	0.63933168	0.71597367	0.66163087	0.6497478	0.60337634	0.59914574	0.5362049
1.19532884	1.19173844	1.07243445	1.06991269	1.08615019	1.04702339	1.04938592	1.0023228
0.14936726	0.15807129	0.15755527	0.17049247	0.14525772	0.11231708	0.10948079	0.11515952
0.55892459	0.40111395	0.50965007	0.5474284	0.5133421	0.59969868	0.57180869	0.57535608
1.05552697	1.02887824	0.92316961	0.83576255	0.78419419	0.71657279	0.67227835	0.63926443
0.22480905	0.21449286	0.25007728	0.24888066	0.23458055	0.18436137	0.18327871	0.17881711
0.04810707	0.04770873	0.04676026	0.04603104	0.04508897	0.02967937	0.02744195	0.03057352
0.6540911	0.6233972	0.68347937	0.59889149	0.58244786	0.55559614	0.51834742	0.52740247
0.37123195	0.36605154	0.36511399	0.37094837	0.37541431	0.36885028	0.36931577	0.36744601
0.21100313	0.20128488	0.21626414	0.22464554	0.23200497	0.19271547	0.18843183	0.19350286
0.25928651	0.26461918	0.28624755	0.26928151	0.27761613	0.28086569	0.28121939	0.24505397
0.57156423	0.5501266	0.52388457	0.49824983	0.46841619	0.45542265	0.42364181	0.38916937
0.5451576	0.46448179	0.44226683	0.48325954	0.47051243	0.47769749	0.45037441	0.40609437
1.87028084	2.0294772	1.73489935	1.93030405	1.82414198	1.91493199	1.91903748	1.65911984
0.53107038	0.53600446	0.52386417	0.5107867	0.49368338	0.48565576	0.47017241	0.47126919
0.12295093	0.12361227	0.11764475	0.11744502	0.11574884	0.10972377	0.11107699	0.10784457
0.32285143	0.33310334	0.3370761	0.32559586	0.33946032	0.31063062	0.29464806	0.28710725
1.48121798	1.35177196	1.24423886	1.17601716	1.08121556	1.04089263	0.99623379	0.96835874
0.17964475	0.18390015	0.18352731	0.17275725	0.19288124	0.1923253	0.19902065	0.21414927
0.5869371	0.58921724	0.55385948	0.54100232	0.52958072	0.53296962	0.51229593	0.47201136
0.44561683	0.46657413	0.47793265	0.49458075	0.50413078	0.59808219	0.55543232	0.52488304
0.5713037	0.70785823	0.74209531	0.85879798	0.89823613	0.9073789	0.81544917	0.51084864
0.36607822	0.35859025	0.36340913	0.3674249	0.35474221	0.3567412	0.3527396	0.34123564
0.23217391	0.24275928	0.23714251	0.24882096	0.26044967	0.25597799	0.25221069	0.25328008
0.25526209	0.22032873	0.20935332	0.19860861	0.18864169	0.25814185	0.26807597	0.27300722
0.24489074	0.23977946	0.22736219	0.2228846	0.20890725	0.19602973	0.192579	0.18683406
0.3408691	0.33868836	0.34589486	0.33690792	0.31914597	0.30398042	0.28461649	0.27266159
0.06047753	0.06039799	0.05487238	0.0508987	0.05298931	0.04455232	0.04591706	0.05300834
0.32681833	0.34136984	0.33600834	0.33077673	0.32642633	0.31820955	0.30306456	0.30016229
0.56378079	0.5580804	0.54852175	0.52817208	0.49362829	0.52084278	0.50558198	0.47963725
0.29810049	0.30297815	0.28763804	0.27683357	0.26130678	0.25290711	0.25079391	0.24659004

0.64419707	0.76386798	0.72265055	0.74057347	0.72708903	0.57517561	0.5875162	0.60445465
0.14906417	0.15191196	0.1468141	0.11048247	0.14002688	0.12988233	0.13043552	0.12827016
0.28836426	0.32913363	0.28385428	0.26377914	0.24608926	0.22418141	0.22762272	0.22393273
0.32002997	0.31841084	0.3165319	0.32204217	0.31116273	0.30296373	0.30308571	0.31425645
0.51920346	0.49609124	0.46104458	0.43647688	0.43555582	0.44318943	0.4014277	0.37972226
0.43042751	0.46113765	0.45320932	0.41948572	0.41091513	0.39142708	0.40867934	0.39156879
0.29813313	0.30039896	0.2954727	0.28548858	0.2870679	0.26875848	0.27818848	0.28001304
1.09413927	1.10752021	1.10632706	1.03472277	1.05792619	1.22838422	1.11228636	1.07092091
0.24926963	0.23809218	0.24614933	0.24227371	0.24781178	0.24709306	0.23661753	0.24057375
1.09833933	1.09121646	0.94450361	0.83256584	0.7784407	0.71633963	0.68525018	0.61432168
1.45357901	1.35916879	1.36379613	1.51094483	1.43500597	1.3146282	1.30387681	1.41239978
0.38921863	0.40706007	0.37362159	0.34204574	0.32409316	0.30035188	0.31651432	0.31993101
0.35436469	0.34610808	0.35858571	0.35003013	0.3323525	0.3602638	0.37143481	0.32300746
0.21194932	0.2160775	0.20582277	0.2032219	0.19375622	0.18634654	0.18413373	0.17985343
0.82851412	0.90079044	0.78681094	0.8838971	0.92399621	0.96871997	0.95130984	0.922226
0.32620162	0.32675154	0.30244396	0.2883776	0.27332526	0.26183442	0.25785449	0.24583
0.79832453	0.65133942	0.55569093	0.50982643	0.47414083	0.48742961	0.39768657	0.37913337
0.23121318	0.23266116	0.22974776	0.24813376	0.2506092	0.23369904	0.23381978	0.24272058
0.41789418	0.41484808	0.40242927	0.40737338	0.40814251	0.40874116	0.40631974	0.40273911
0.53285996	0.56813316	0.50400183	0.50607214	0.5453892	0.57012707	0.55827413	0.5518121
0.34069905	0.33874914	0.32143274	0.31906044	0.31041866	0.32544052	0.30503997	0.32054894
0.89645927	0.81318756	0.76535898	0.9993901	0.90435805	0.90255416	0.85531803	0.83865334
2.97086812	2.96052589	1.69673314	1.7014619	1.4819093	1.45130209	1.00047196	0.66647361
0.36669744	0.35952942	0.34794489	0.34747218	0.34042482	0.34508072	0.33315558	0.32227728
0.1176383	0.11751975	0.1372647	0.11293041	0.1071771	0.08289418	0.08569904	0.08722244
0.02938192	0.0288929	0.02837099	0.02628653	0.02584286	0.02382263	0.02358458	0.02374802
0.20727717	0.20127553	0.19989102	0.21045901	0.20903945	0.2120819	0.21566442	0.21840402
0.89902468	0.84111023	0.82251166	0.81852773	0.80761707	0.7657619	0.74266859	0.70732314
0.18441896	0.16626376	0.15176662	0.19624765	0.20435153	0.17563532	0.17414175	0.16767778
0.41264475	0.41815021	0.40458317	0.40864006	0.39214728	0.37986307	0.40527387	0.42876312
0.27897696	0.27252944	0.27025269	0.26284198	0.27617624	0.26286582	0.26609166	0.25827843
0.33474244	0.33271565	0.34404629	0.34405269	0.34183836	0.35698808	0.36238488	0.3701276
0.40349695	0.41542984	0.39543626	0.37761821	0.36874524	0.33985782	0.33382637	0.311412
0.39655847	0.38517831	0.38412153	0.44107582	0.44745361	0.43013294	0.43271583	0.42012722
0.66214019	0.63324035	0.62860395	0.6020085	0.57443836	0.56280353	0.54384439	0.53165869
0.47443946	0.45307092	0.41773658	0.40074061	0.38473143	0.3705547	0.36432847	0.33765074
0.72068335	0.70587852	0.71705221	0.68030177	0.70473441	0.70682178	0.69774685	0.66596679
1.19870058	1.00371042	1.0614928	0.70583666	0.55981763	0.54259501	0.57654818	0.58714557
0.32306055	0.33638269	0.31225098	0.3032248	0.29598094	0.28985756	0.28646962	0.29856763
0.32715045	0.32808445	0.3242652	0.31530802	0.3120458	0.31121125	0.31249977	0.32988997
0.20006409	0.19605107	0.19396319	0.19407047	0.19355952	0.18895508	0.18411452	0.18684727
0.41772359	0.43157648	0.44409192	0.47586726	0.4830238	0.48089716	0.47718013	0.46606028
0.44823177	0.4482575	0.44785539	0.44250843	0.43164359	0.45278694	0.43503207	0.4303703
0.30025408	0.29391375	0.28723543	0.2794085	0.28659866	0.27963404	0.27419398	0.2796637
1.36552813	1.19613549	1.02628344	1.04358754	0.93440501	0.88323308	0.77679114	0.7713008
0.38169268	0.3588364	0.35656527	0.35387454	0.37004058	0.35862086	0.35354626	0.37136994

0.77782365	0.781824	0.73482225	0.74222392	0.64757198	0.61210638	0.53742926	0.59551394
1.66976679	1.56821041	1.53441991	1.46914069	1.32852323	1.17670875	1.12209008	1.06124058
0.17255636	0.17550276	0.17786399	0.17575175	0.18415184	0.23875516	0.23289086	0.3001294
0.10451068	0.10732592	0.10483196	0.10619347	0.10329569	0.1047139	0.10097576	0.1074894
0.51724485	0.51058284	0.50930518	0.4612313	0.44989815	0.45479631	0.4373833	0.41098004
0.67620087	0.67670378	0.70366051	0.69002076	0.72216332	0.76549346	0.77993011	0.78417457
0.7399891	0.70895945	0.68474469	0.63390107	0.59191648	0.62062909	0.61120171	0.59305545
0.39748199	0.37140723	0.39997111	0.38549228	0.39872061	0.36253415	0.3764405	0.3660808
1.13250405	1.07837653	0.56083037	0.47603657	0.43347469	0.38137637	0.37862964	0.37429763
1.0625057	1.08583346	0.9095285	0.90265713	0.87771185	0.88737985	0.8684997	0.87929028
0.06416198	0.06337591	0.06665091	0.06625464	0.06884553	0.07307579	0.07745835	0.07447468
0.23673117	0.23417993	0.22049795	0.20693523	0.21400103	0.21061492	0.20881599	0.20786021
0.65870378	0.60080774	0.60139206	0.525048	0.67969537	0.69114841	0.66979999	0.63137498
0.48285469	0.46987365	0.42497122	0.41260747	0.36447811	0.32333758	0.31472097	0.30268052
0.26337777	0.26135363	0.23288201	0.20106402	0.19422735	0.19420407	0.19864404	0.20515078
0.46948031	0.45660357	0.40161995	0.36058538	0.32967269	0.28685168	0.28566288	0.26835109
0.05208134	0.06025741	0.06419753	0.07393761	0.07987806	0.06392915	0.06659612	0.06694815
0.41415068	0.37179595	0.39629621	0.37700817	0.38719547	0.38714613	0.38371794	0.37955998
0.8693126	0.81884204	0.73139188	0.70984187	0.64464438	0.58937264	0.566221	0.5372703
1.0600953	1.03924719	1.01137861	0.99040416	0.95106026	0.91663482	0.79924355	0.84445933
0.14031031	0.13281709	0.11122636	0.11590011	0.10961576	0.18249172	0.17012263	0.19021
0.30727575	0.30127339	0.2955836	0.29243193	0.27788438	0.27655453	0.27607063	0.27978603
0.53737836	0.60559417	0.5439892	0.56367682	0.50088022	0.46498229	0.4841652	0.45425845
0.86322528	0.82775626	0.797109	0.77817818	0.76891556	0.81689476	0.74954942	0.76672188
0.30146955	0.28448353	0.28669183	0.26289032	0.2550913	0.19046186	0.22325255	0.20341836
1.90456852	1.76370802	1.62126291	1.55490898	1.5015739	1.35111296	1.22448264	1.1209318
1.9758166	1.82852019	1.78162587	1.77856581	1.77509388	1.80949746	1.60304189	1.39113559
1.14757526	1.05963573	0.82927992	0.92157282	0.78915443	0.84045895	0.7908031	0.77158048
0.67321943	0.66272984	0.72303678	0.73178803	0.75568668	0.69802687	0.7320076	0.7533095

0.18733032	0.18425962	0.175612	0.17842653	0.20229827	0.20504036	0.20768432	0.20387007
0.53058932	0.51093621	0.5068765	0.52286613	0.5261247	0.55973837	0.58562026	0.57843252
0.35595419	0.36321467	0.37108598	0.38592744	0.38740711	0.38507617	0.40183361	0.40171538
0.56837366	0.56581232	0.56314084	0.56677842	0.56050187	0.58359315	0.61141467	0.55044086
0.34645682	0.3813254	0.35080081	0.35408216	0.32999951	0.39957345	0.3930352	0.42114966
1.06151184	1.11486601	1.15631049	1.097653	1.14259223	1.18346841	1.15427324	1.14817592
1.05961733	1.17374165	1.07458402	0.96672205	0.93053536	0.97458969	0.93733982	0.71053647
0.54776042	0.51756542	0.53047543	0.52989652	0.53639527	0.5353015	0.52943164	0.53665458
0.32705184	0.33098419	0.30475411	0.2911172	0.26494647	0.25241815	0.24555327	0.24357437
0.18999076	0.18256631	0.18168764	0.18146827	0.18237129	0.16282388	0.16206281	0.15709897
0.71721915	0.685133	0.6594874	0.65027626	0.63611846	0.59692618	0.58174156	0.57455011
0.64072639	0.62398811	0.62841284	0.6086705	0.5940799	0.58415986	0.58235791	0.56762008
0.50833815	0.51693913	0.52738356	0.4808654	0.52912732	0.52317976	0.53786927	0.56950868
0.515874	0.51146786	0.51896999	0.51665319	0.52289282	0.51069863	0.49735903	0.49414827
0.24820599	0.23929939	0.22487207	0.23905685	0.2131633	0.21114013	0.24221733	0.2220758
0.29025434	0.29829481	0.28013735	0.28199626	0.29129648	0.28540565	0.27020157	0.26435586
0.39659609	0.3912206	0.39585168	0.37833665	0.3800329	0.36641575	0.35228537	0.34669455
9.16182201	7.80936495	8.56057592	7.58410389	8.55242321	7.56570774	7.87152725	4.55796911
0.25398867	0.24217908	0.24877415	0.43643547	0.27643498	0.32968049	0.33404925	0.37375182
0.86248996	0.83731631	0.77092432	0.6788351	0.6287193	0.5788608	0.56304704	0.54128217
0.21140128	0.2093567	0.2051017	0.19767546	0.20196233	0.19594293	0.18207033	0.14983918

0.80349098	0.7626832	0.800352	0.68910262	0.74827854	0.79774097	0.85295146	0.82279624
0.23183997	0.22053323	0.21980228	0.22426102	0.23607348	0.22436289	0.2161569	0.22641468
0.5112683	0.5026223	0.48935628	0.49200189	0.48941421	0.48786318	0.50312765	0.48674354
0.1632477	0.16054796	0.16507485	0.16452412	0.1588861	0.14265221	0.16120827	0.16534713
0.84402388	0.95655486	1.07631865	0.99577672	1.0291248	0.99822914	0.9039678	0.89078878
0.50273495	0.49467299	0.48146488	0.43755489	0.38643484	0.38998665	0.38753216	0.36617304
0.80294324	0.81044991	0.74854739	0.78647229	0.76065645	0.70168254	0.67021662	0.63814925
0.91827982	0.85409575	0.83457619	0.52674172	0.5432439	0.47741332	0.4574581	0.42404884
0.3626213	0.37396491	0.37689287	0.38495265	0.40152338	0.40188846	0.42093217	0.45450775
0.92820398	0.99043149	0.89586497	0.86332522	0.72286173	0.7751919	0.7739972	0.77291774
0.91597861	0.89514014	0.78000344	0.78113124	0.79287163	0.78362637	0.77740708	0.7599394
0.44728821	0.45885425	0.4609985	0.45503764	0.46153074	0.44004076	0.44742514	0.44948253
0.2243396	0.21748981	0.20717176	0.23048568	0.20986651	0.20894215	0.21682217	0.18249589
0.29176515	0.29127526	0.30022434	0.30243408	0.30803083	0.41236412	0.47202645	0.50289572
0.78721178	0.78542911	0.85199687	0.84036075	0.85014969	0.74370473	0.84427988	0.72851799
0.24006915	0.23685145	0.25662132	0.24796222	0.2451463	0.23110315	0.24164711	0.24150673
4.39618392	4.17473527	4.22032769	3.97351016	3.79221083	3.63571274	3.45855616	3.27654317
0.201729	0.2052058	0.20525476	0.20414746	0.20982787	0.2069171	0.19952037	0.2115313
0.3656928	0.36005074	0.33323078	0.32681422	0.31981103	0.32870737	0.31803079	0.23859638
0.67754015	0.64381356	0.60001671	0.5658903	0.55478279	0.52469378	0.51356991	0.48858401
0.40731409	0.40751027	0.40134661	0.38563344	0.35433825	0.33690699	0.35523846	0.3547655
0.22770024	0.23874657	0.21722503	0.20876656	0.19730841	0.17928079	0.17621209	0.17638942
0.64261559	0.58084719	0.57504028	0.55179935	0.57071592	0.51670435	0.48944726	0.472759
0.31617207	0.29676827	0.27932298	0.27735496	0.27960684	0.49285293	0.54787735	0.49345512
1.17410713	1.10940815	1.04053291	0.99845743	1.02596716	1.04496018	0.94284493	0.85602938
0.03325934	0.03096333	0.0293145	0.02848101	0.02734377	0.05251323	0.05150939	0.06677764
2.61743785	2.65930855	2.60778907	2.57263292	2.7311795	2.87504142	2.69838736	2.62267879
0.38046946	0.42601063	0.35883058	0.4077523	0.44251919	0.44521096	0.44073536	0.44003664
0.40368954	0.40799256	0.42728338	0.42407624	0.41994211	0.40140537	0.40438789	0.39586907
1.29154875	1.38948915	1.38869471	1.33482973	1.26819025	1.22446338	1.0647879	1.04306359
2.51398791	2.60348541	2.77586117	2.85352166	3.00306143	2.64813678	2.25700551	2.15125598
0.28029414	0.2686755	0.24774811	0.28774836	0.44177821	0.3284548	0.31648325	0.33252593
0.44961857	0.47650124	0.49185317	0.49377041	0.47978568	0.38684566	0.36540628	0.36680501
0.95379197	0.94546962	0.87247472	0.9735131	0.9246677	0.89842819	0.96654324	0.96524913
0.39013642	0.37802364	0.36444004	0.36433323	0.36187042	0.35776869	0.35532126	0.34796526
0.31112654	0.31411707	0.30702653	0.3050054	0.31709215	0.3227699	0.31873047	0.30583055
0.36544029	0.36077319	0.36459006	0.36768468	0.35907183	0.36210455	0.37921976	0.43331798
0.69622157	0.64094675	0.61228416	0.6187137	0.64465467	0.63249785	0.60680447	0.59490199
0.63350152	0.59514292	0.58225471	0.57652513	0.54799893	0.54415222	0.53296271	0.51129553
1.03650074	0.99864413	0.98618563	0.95374657	0.95014026	0.88497548	0.81157451	0.77708971
0.64513076	0.63605442	0.58117365	0.54949136	0.57641717	0.55664849	0.57169613	0.63322989
0.52020302	0.51415689	0.51287379	0.4941099	0.47187951	0.46366506	0.45387534	0.43555281
2.20481229	2.24503963	2.11880299	2.25921101	2.14849625	2.18978898	2.17751765	2.22405903
0.10617178	0.09899363	0.10630971	0.10923108	0.10738061	0.08256728	0.0870241	0.08874867
0.3300349	0.35865574	0.34524016	0.35277915	0.36779262	0.37108337	0.36884364	0.4069895
0.037777	0.04144271	0.03315429	0.04251634	0.04312325	0.03679469	0.03019428	0.03121692
0.54629786	0.52807888	0.50860456	0.51081252	0.5039335	0.48963805	0.47473699	0.48432654
0.9044731	0.89491179	0.86379606	0.86488344	0.88058149	0.84942209	0.86283453	0.9082272

0.42524707	0.39946447	0.40274473	0.4024401	0.39436499	0.43137926	0.43369741	0.41837976
0.39262574	0.38950847	0.39578102	0.387362	0.41361892	0.42694903	0.42366201	0.41163494
0.92101088	0.91270338	0.92903959	0.93904462	0.88278997	0.85590301	0.85369822	0.84890563
0.7652049	0.69636544	0.7262542	0.7377641	0.70608783	0.66662666	0.64992755	0.61478384
0.66109325	0.62759685	0.59194518	0.59210702	0.65949762	0.64397867	0.63819094	0.64418516
0.30244317	0.30374658	0.29097119	0.27960482	0.26723012	0.25797945	0.25396579	0.24986238
0.51442815	0.50577868	0.49244823	0.48174094	0.46853854	0.45842833	0.45120334	0.44494954

2003	2004	2005	2006	2007	2008	2009	2010
0.1148605	0.11064971	0.12042396	0.12143367	0.1262694	0.12220086	0.14786513	0.14597823
0.37152484	0.36539675	0.33438871	0.32134041	0.30185483	0.34662667	0.32736509	0.33433189
0.53278739	0.51971425	0.43902018	0.35085931	0.29923566	0.2854326	0.28994495	0.30888864
0.04725887	0.04025179	0.03385379	0.03033564	0.02491087	0.03010218	0.05321051	0.06444934
0.33756868	0.32809277	0.29572181	0.28082533	0.26346232	0.23846052	0.23010001	0.23069234
1.2336829	1.27891385	1.33170291	1.27996783	1.35064249	1.31019317	1.24695463	0.90928438
0.38158459	0.36485955	0.37052451	0.35210561	0.36333744	0.40823361	0.43320006	0.44370139
0.39676484	0.38634319	0.358501	0.34534551	0.32512359	0.31375727	0.31138608	0.2860698
0.2912765	0.2845308	0.27823111	0.2448372	0.23831498	0.23606945	0.23336614	0.22037641
0.13005975	0.1247121	0.1200568	0.11600484	0.11287973	0.1193659	0.14921621	0.15737748
0.60035173	0.59679873	0.58143467	0.57079671	0.55890349	0.53834965	0.53559131	0.52839685
0.2101241	0.2041978	0.20089603	0.18927622	0.17638573	0.17313009	0.16492318	0.17405098
0.70501207	0.64542666	0.53955289	0.41695268	0.33681681	0.33339028	0.27177344	0.25298252
0.42712255	0.42898423	0.44127447	0.4460287	0.46572328	0.44650576	0.45419387	0.46599692
0.26988878	0.25861312	0.2474983	0.23543935	0.22266074	0.22462012	0.2169321	0.22440737
0.35241601	0.35208378	0.36656225	0.40708649	0.41321416	0.39856797	0.40984794	0.43407052
0.95128075	0.9247356	0.87742356	0.84443345	0.84648567	0.83805856	0.83157563	0.79123206
0.38225184	0.36534432	0.35497623	0.34304622	0.32946852	0.32939154	0.32240288	0.31872462
0.55992415	0.51219566	0.48395041	0.46207165	0.45726421	0.4111491	0.3733175	0.38483865
0.9342085	0.8717477	0.89136918	0.87012932	0.82434492	0.83758863	0.82689355	0.79819532
0.09271078	0.0982131	0.09417828	0.1113801	0.127845	0.13569156	0.12135752	0.13249888
0.5652224	0.57011441	0.5670582	0.58855335	0.58361641	0.58397762	0.59742082	0.60394667
0.60151224	0.56673243	0.51916467	0.48852749	0.44251936	0.43779458	0.42423125	0.41639149
0.17175653	0.15706366	0.16070795	0.17866938	0.18065802	0.18629692	0.20318567	0.21168488
0.03043032	0.03004265	0.03152697	0.03638017	0.04147852	0.04252304	0.03991751	0.05066133
0.53022929	0.53212557	0.51874541	0.51118122	0.51890934	0.50492437	0.50743245	0.53085529
0.37521633	0.37303901	0.36477067	0.35300662	0.33820916	0.33039089	0.32314105	0.32282978
0.19612041	0.19221052	0.18779614	0.18472551	0.17443985	0.20060279	0.20981587	0.21834718
0.26861125	0.25229607	0.24187426	0.32376355	0.30864992	0.37570795	0.32669251	0.28848361
0.36666209	0.34914057	0.35875064	0.36223985	0.3177009	0.30613304	0.31321265	0.2971986
0.37878078	0.36652509	0.37540985	0.339786	0.3288804	0.32756802	0.3746562	0.3349891
1.98638417	1.74924481	1.8750562	1.79947041	1.89454361	1.86085904	1.61363656	1.6367913
0.4750211	0.45415082	0.45167341	0.43846052	0.4423963	0.42345873	0.4121983	0.41165552
0.11036824	0.10873254	0.10720339	0.1019018	0.09451489	0.09469413	0.09371535	0.09377668
0.28103049	0.28014738	0.26639084	0.25470541	0.26257134	0.26572656	0.25711546	0.24774926
0.9879289	1.01639038	1.01908674	0.99077247	0.92542663	0.86309422	0.83844227	0.81999756
0.20599241	0.20969662	0.21925715	0.21517468	0.21439332	0.21264339	0.19907036	0.20029316
0.4582717	0.42466803	0.41787168	0.39314058	0.38771043	0.37425854	0.3744351	0.35941516
0.52010438	0.4968752	0.48067288	0.46499197	0.45276096	0.43543689	0.42404097	0.43935495
0.57287948	0.59765622	0.67839388	0.6916915	0.63658897	0.59295734	0.57920559	0.5738226
0.32989096	0.31440083	0.30698712	0.2855276	0.27559729	0.26856367	0.2735149	0.26986306
0.26158462	0.26830706	0.26171452	0.27209239	0.24194143	0.23586766	0.2454111	0.24949071
0.23590852	0.2296731	0.29750941	0.29524922	0.27964189	0.25587607	0.25676678	0.26537075
0.18607611	0.18225912	0.17534751	0.1692051	0.17090877	0.16516769	0.16432069	0.15757518
0.25766208	0.23815274	0.21477025	0.19762151	0.18847899	0.17918569	0.17926713	0.17744212
0.04847314	0.04889587	0.04204217	0.04200729	0.05011679	0.05597425	0.05955911	0.06611482
0.31626053	0.29928865	0.28882549	0.2794208	0.27472128	0.27077283	0.27050455	0.26593139
0.47234525	0.45277865	0.41620348	0.39403391	0.37750456	0.35285013	0.35267719	0.34871726
0.24893278	0.24204155	0.23396675	0.22689416	0.2141159	0.21189141	0.20943588	0.21140194



0.57402224	0.55317174	0.51928557	0.44483095	0.43062073	0.40408655	0.51440396	0.59050387
0.1287281	0.12937402	0.12763473	0.12610419	0.13128609	0.11997029	0.12296365	0.1246595
0.24061166	0.21539985	0.1992913	0.21280954	0.19796708	0.188287	0.19109082	0.18865317
0.29434355	0.28167696	0.26905281	0.26482435	0.25517991	0.24954011	0.24459295	0.23516812
0.39001346	0.36895194	0.36154888	0.36919898	0.35765727	0.36539488	0.35345555	0.35243323
0.39538664	0.3953106	0.37968438	0.37907682	0.37335785	0.3565401	0.37791415	0.38485285
0.27813108	0.28526529	0.29503013	0.28926125	0.28377027	0.26755091	0.26238249	0.24944684
1.12438283	1.12313706	1.08853801	1.06942181	1.09751978	1.349256	1.2165432	1.09632045
0.23922299	0.24092351	0.240019	0.22662774	0.22712791	0.20797869	0.19657483	0.18964655
0.6319035	0.60340331	0.54804531	0.47772433	0.52219516	0.509634	0.51126979	0.62284551
1.42883387	1.29361094	1.20038065	1.1527782	1.13498389	1.07401184	1.02819745	0.95651309
0.34625356	0.31891466	0.26396687	0.29623519	0.27517781	0.24388975	0.25238494	0.27831287
0.34550955	0.3840254	0.3536428	0.36289504	0.35121311	0.30024109	0.27714205	0.33816401
0.17950845	0.17499982	0.17227783	0.16382514	0.15819272	0.1555113	0.15560553	0.15559293
1.00510621	0.92340422	0.84605302	0.74967487	0.61099376	0.68030414	0.66012084	0.63276519
0.24161726	0.23422551	0.22497212	0.21769611	0.2077601	0.20104296	0.19282141	0.19312556
0.36136861	0.35097599	0.33921232	0.32785612	0.31344962	0.2783277	0.31333866	0.28054952
0.22637285	0.21322669	0.20891317	0.2183555	0.21494339	0.21263197	0.21291744	0.20824266
0.395591	0.41638202	0.4204817	0.42840302	0.4111406	0.42437844	0.48430841	0.47789554
0.56900993	0.57700421	0.58212292	0.60019071	0.58127255	0.58297981	0.6165657	0.68587294
0.32982213	0.32173687	0.33709791	0.35389789	0.34964613	0.34942755	0.37093862	0.36112097
0.86514463	0.86402995	0.82704157	0.8392803	0.85116456	0.84423027	0.85988545	0.84746008
0.64769067	0.62916261	0.52623436	0.53022376	0.49229934	0.39152481	0.32621796	0.37429477
0.31317578	0.29842252	0.30200115	0.27845996	0.27892218	0.27010041	0.26878978	0.26715399
0.08491788	0.08309265	0.07704104	0.08717858	0.08838592	0.09311549	0.10473699	0.11357352
0.02286678	0.24270586	0.23338519	0.22624173	0.21800485	0.21102022	0.18380706	0.20753273
0.21144365	0.21209523	0.21622424	0.21001598	0.20567152	0.1951848	0.20390868	0.19891607
0.74688262	0.72118469	0.69267232	0.62670582	0.63074672	0.6326549	0.62152866	0.62582011
0.17559273	0.14894333	0.14582919	0.13475697	0.13216344	0.12607296	0.13490743	0.11903394
0.45629433	0.46032792	0.41136616	0.41462201	0.42006212	0.40961302	0.42000515	0.40632814
0.25875572	0.25334709	0.24281308	0.23465481	0.23669254	0.22291802	0.22585241	0.22346106
0.36024615	0.36294296	0.35874366	0.35781414	0.35897961	0.35319988	0.33845305	0.3797464
0.30959003	0.29116125	0.28133805	0.26770283	0.25794733	0.24707599	0.24138266	0.2404061
0.42181504	0.41080932	0.39396525	0.39325072	0.38337689	0.36346133	0.36278084	0.35881568
0.50599444	0.49345762	0.47315859	0.45937805	0.4541552	0.46135552	0.45327525	0.43674508
0.32696666	0.30206953	0.2915869	0.28000989	0.25769257	0.26536369	0.25894581	0.25084359
0.66699998	0.66968619	0.69464509	0.70884851	0.67790104	0.69067336	0.7030453	0.67316979
0.82935187	0.60742622	0.5753627	0.54349744	0.5018629	0.51467521	0.54362255	0.57406668
0.29034516	0.27477017	0.25704588	0.25057789	0.24841184	0.2588481	0.280615	0.28505678
0.33144551	0.31316818	0.29005744	0.28836253	0.2818404	0.27640943	0.26732616	0.27176975
0.19326996	0.19387155	0.19278896	0.18547677	0.18055885	0.17727421	0.16947548	0.17028981
0.46350648	0.45624065	0.45157643	0.48868643	0.47811456	0.39656866	0.34583721	0.33641236
0.42630648	0.42168295	0.41778905	0.39233972	0.37853171	0.34856037	0.33855878	0.32721568
0.27628776	0.26857088	0.26555922	0.25640799	0.25904907	0.24802289	0.24952525	0.25153971
0.77848046	0.75885135	0.73740854	0.73869405	0.70782145	0.79441963	0.71743375	0.71588597
0.37136272	0.38678913	0.38305092	0.35136027	0.45515649	0.48428415	0.46218888	0.44814064

0.59049881	0.5490944	0.55451679	0.53155499	0.54598386	0.55699498	0.53700879	0.52913934
1.05934602	0.94507282	0.90671095	0.86423828	0.81374412	0.78170555	0.81707305	0.78369214
0.31116493	0.32272248	0.39396578	0.39398957	0.3656275	0.41060371	0.36302976	0.37497286
0.11473708	0.11728134	0.10151432	0.1038528	0.11110607	0.10443868	0.11679414	0.12382115
0.39981751	0.39514169	0.37876632	0.36438462	0.35278263	0.34703163	0.3495012	0.35515175
0.74252265	0.70514276	0.7063451	0.67586669	0.61739852	0.62608656	0.66575852	0.69986835
0.57681408	0.56722193	0.52110971	0.5051303	0.49007476	0.48006425	0.48097039	0.47128508
0.35917085	0.34362591	0.33478341	0.32404977	0.27954154	0.30334413	0.3174302	0.28397133
0.55608592	0.56746968	0.590295	0.60300802	0.52841896	0.49149807	0.49149523	0.50928898
0.86416503	0.81565179	0.78586488	0.72601166	0.63988093	0.66955332	0.69838909	0.70372621
0.07647518	0.06986944	0.07136274	0.07066945	0.07260619	0.07194391	0.07724963	0.08269909
0.20870488	0.19227832	0.19918379	0.17765562	0.16834668	0.16579824	0.1527726	0.15159344
0.61217079	0.60106282	0.61842974	0.58463653	0.58833363	0.53068032	0.55738744	0.52865579
0.27504968	0.2697248	0.2631082	0.24839343	0.24563276	0.24633392	0.25356742	0.26038026
0.20727823	0.22369209	0.22202453	0.20633041	0.18223771	0.18098479	0.17772512	0.18082546
0.25533942	0.23997802	0.22195489	0.21013454	0.19910659	0.19571801	0.21478303	0.24540948
0.06078288	0.05545159	0.05161383	0.04528737	0.03761771	0.03033618	0.03172992	0.02566924
0.36066548	0.37729107	0.3768509	0.35665564	0.34924148	0.34713114	0.33470893	0.33997835
0.53270871	0.4961965	0.47562562	0.44627068	0.4279276	0.38480966	0.40261521	0.4148041
0.80421385	0.78247671	0.8232987	0.78938422	0.76287961	0.72768151	0.76636522	0.77743244
0.1445692	0.17202749	0.181313	0.17736917	0.17401601	0.17375416	0.19501098	0.1953074
0.28826498	0.28286237	0.28709694	0.28341691	0.2829104	0.28290662	0.29659669	0.28996979
0.47554889	0.46061325	0.45683584	0.42406237	0.42340404	0.39657225	0.36375712	0.35691304
0.73829848	0.75089791	0.7432881	0.71699373	0.73600373	0.74386158	0.74978142	0.75355941
0.21847861	0.21751772	0.21478176	0.21431743	0.21030367	0.20459589	0.19364901	0.18941063
1.05115872	0.95669834	0.89088071	0.82333528	0.74994423	0.67195138	0.61085429	0.56767931
1.25875105	1.13416856	1.29697731	1.35537422	1.35033373	1.27997576	1.43632009	1.46933404
0.74703879	0.72205038	0.74436599	0.66780952	0.64651	0.58918895	0.52427704	0.52273231
0.72380307	0.69088489	0.6509365	0.58498262	0.58277384	0.57387631	0.60264361	0.59955968

0.19736887	0.19191674	0.19701031	0.22645507	0.22068921	0.21503736	0.20808844	0.21171636
0.55989947	0.53412995	0.55324195	0.55526224	0.53967096	0.52911359	0.49644147	0.49485661
0.40738049	0.41071113	0.41233353	0.40414989	0.40935181	0.40964698	0.38841643	0.38400583
0.54356028	0.49195255	0.57865929	0.46508698	0.4428313	0.47373814	0.4702384	0.44367708
0.43041098	0.37383216	0.39375125	0.37169444	0.37051119	0.35780671	0.35164409	0.41727289
1.17447658	1.22194301	1.18094123	1.15445193	1.16552414	1.12660695	1.15517109	1.05420551
0.7292394	0.65390945	0.60322085	0.52971762	0.46618876	0.4424328	0.38888966	0.38723087
0.55217392	0.52139047	0.50222549	0.50263402	0.48615584	0.46581976	0.48391404	0.47620381
0.24597011	0.24380339	0.23222775	0.22082713	0.21295222	0.20410857	0.20608588	0.21478503
0.16595972	0.16141716	0.1504815	0.14916103	0.14809132	0.15143128	0.14682687	0.15332591
0.56918584	0.53727734	0.53032798	0.4999854	0.50244279	0.48454979	0.47724503	0.47177954
0.55162513	0.5299218	0.51558793	0.50484414	0.48304913	0.48711968	0.47532194	0.47058209
0.63449125	0.60972874	0.59858188	0.62983758	0.61807465	0.56656253	0.54963365	0.57225521
0.48831758	0.4835216	0.46284494	0.46557713	0.4739748	0.46783954	0.46461858	0.44802957
0.21500892	0.20021661	0.21800445	0.20825813	0.18489937	0.16819464	0.18542853	0.18245298
0.25430519	0.25871967	0.24763226	0.22886474	0.22232341	0.21475053	0.22356876	0.2186762
0.33695135	0.32337232	0.31654357	0.28582692	0.28460768	0.27700889	0.27807003	0.26867096
5.59826902	4.79175467	5.34897446	5.23726433	4.18005185	4.47600559	7.44043768	7.2493096
0.37639539	0.39259452	0.43665157	0.44124535	0.37278642	0.39947309	0.30637353	0.2391826
0.53645157	0.51112313	0.49403232	0.48127233	0.44718841	0.42044694	0.39252797	0.3995458
0.19137318	0.17621145	0.18049096	0.12428541	0.13186687	0.11732115	0.10997277	0.1062858

0.84026589	0.86073946	0.89958507	0.89743966	0.7811063	0.85997145	0.80521106	0.86454388
0.21459477	0.21512114	0.22124465	0.20562505	0.19661979	0.18960111	0.19302489	0.17629379
0.50271124	0.46659018	0.46037449	0.47026917	0.47929194	0.4677882	0.50807406	0.49804731
0.16772018	0.15649409	0.16298123	0.15269864	0.16056679	0.1639943	0.16529402	0.17878106
0.94159373	0.80039378	0.73818806	0.63622718	0.60419133	0.54846622	0.49906781	0.44930772
0.36871059	0.3336867	0.31434009	0.30476112	0.27988366	0.25198984	0.22508777	0.23154388
0.61353896	0.57595277	0.54237963	0.51016027	0.47295701	0.44778285	0.4608986	0.46178578
0.42779681	0.41141885	0.38213321	0.37053632	0.35259037	0.32988724	0.31912058	0.31245329
0.43762952	0.42763803	0.43089102	0.4409138	0.45248578	0.45667891	0.48321233	0.49690737
0.77231853	0.76184766	0.67138403	0.64999912	0.59977607	0.51135872	0.49163967	0.49720997
0.73897576	0.72058988	0.70607529	0.6805934	0.66038452	0.64440841	0.6730394	0.6524402
0.42431653	0.42868675	0.43281121	0.42986653	0.44223267	0.44372089	0.44954636	0.45126063
0.1691394	0.16206761	0.14478687	0.13353393	0.12386034	0.11989461	0.12210348	0.12031094
0.48455662	0.46461236	0.44926074	0.43717937	0.44671789	0.42940369	0.41951203	0.40812975
0.69951292	0.70736816	0.72585567	0.77728646	0.62706487	0.6194337	0.63650894	0.62639799
0.24753997	0.25404872	0.25305687	0.25227758	0.25262039	0.23150556	0.23116293	0.21957801
3.09910047	2.94320812	2.81005398	2.56420886	2.30386511	2.19172733	2.08091507	1.96941231
0.21216629	0.22138641	0.21947137	0.21140286	0.20643015	0.2053405	0.21325309	0.22121877
0.2500863	0.24554729	0.26239268	0.23463495	0.21327332	0.21231765	0.21460102	0.22908547
0.46977265	0.44319853	0.4164043	0.38622178	0.34218466	0.32257695	0.31246251	0.31023971
0.34182372	0.33570855	0.32610629	0.31007903	0.2887076	0.28616122	0.28063763	0.27842866
0.17306618	0.16309248	0.14780323	0.14215022	0.13261478	0.13017038	0.12626962	0.13008194
0.46080876	0.44928758	0.42016989	0.38690449	0.37954041	0.36861557	0.35871106	0.31234134
0.52762513	0.74694531	0.62677269	0.62692582	0.4758067	0.52096301	0.58810182	0.50990125
0.8031778	0.76106322	0.83122872	0.80761183	0.7982476	0.76114924	0.69747731	0.66032598
0.05625239	0.05553041	0.05762575	0.05930121	0.067228	0.06965627	0.09498756	0.10356102
2.45193899	2.02399483	1.8204201	1.88912631	1.91834527	1.94402147	1.9586847	1.82511493
0.44117979	0.4482671	0.48635839	0.47119793	0.48310055	0.5055464	0.59221181	0.55274904
0.38688157	0.38763514	0.38525006	0.37226052	0.36509179	0.3610894	0.36249814	0.35611778
0.88212683	0.96699332	0.86782709	0.85784582	0.89025661	0.75331968	0.68169975	0.63336687
2.09247724	1.91629166	1.70260219	1.60972502	1.52819027	1.38741578	1.14200846	1.06829018
0.40453318	0.58232544	0.6901937	0.7802274	0.64003065	0.6303626	0.55596721	0.48680227
0.39222012	0.37815975	0.39437351	0.41599043	0.38321001	0.38205175	0.41569062	0.40507398
0.96419368	0.949709	1.07804835	1.04755386	1.0177527	0.96041223	0.98232102	1.02995512
0.32934482	0.32523278	0.32564994	0.32168723	0.30850526	0.30617541	0.29624897	0.3018899
0.30233451	0.27856201	0.26524215	0.27488754	0.28262107	0.27909345	0.29875364	0.28682005
0.43062727	0.41955183	0.39142869	0.35901146	0.34538261	0.32559532	0.31238913	0.28997418
0.58012666	0.55815296	0.54243558	0.52615171	0.4913997	0.48558349	0.46610709	0.46694284
0.50003957	0.48121301	0.47560763	0.44621651	0.43247592	0.51372392	0.49994881	0.48777684
0.75984427	0.64300398	0.60794397	0.56280187	0.53649387	0.50653163	0.50862227	0.51749673
0.64530955	0.65055546	0.60801418	0.61517846	0.56410819	0.57603998	0.5443712	0.4686224
0.42784742	0.41758032	0.40427444	0.38714528	0.3846749	0.37456307	0.35861849	0.36259002
2.00054197	1.88085581	1.76875229	1.75350264	1.54203834	1.50321448	1.25978119	1.30287287
0.08635914	0.0867201	0.08642644	0.08625109	0.08775864	0.09004389	0.12093582	0.10721911
0.43166982	0.38180269	0.3592749	0.33076273	0.30290565	0.30074302	0.30830471	0.31925674
0.04048488	0.05208472	0.04393673	0.04317148	0.05372213	0.06275545	0.07241762	0.09248981
0.47409894	0.49200069	0.48353392	0.46546113	0.4604532	0.45507066	0.46436987	0.46267834
0.92158236	0.85744895	0.82809584	0.76392878	0.91874019	0.87447806	0.82701473	0.84586008

0.4039155	0.39029661	0.37286351	0.36585861	0.37527631	0.36539919	0.3763389	0.37803718
0.45798929	0.45151267	0.47338325	0.50579222	0.51173322	0.48690956	0.49918279	0.45921266
0.87107961	0.89002656	0.8641335	0.82442862	0.81372776	0.82958751	0.79824026	0.78589612
0.58342442	0.55089193	0.53647813	0.50693335	0.45181662	0.42374254	0.43143037	0.41364599
0.69248904	0.71240678	0.79345261	0.78940277	0.81999472	0.89711456	0.82428687	0.767913
0.25224684	0.24560966	0.23872447	0.23028849	0.22128033	0.21398556	0.20880041	0.21033397
0.44707277	0.44241417	0.43685193	0.42701088	0.41805354	0.40920914	0.40829412	0.40844562

2011	2012	2013	2014	2015	2016	2017	2018
0.09097221	0.10944166	0.11167908	0.12106432	0.12740882	0.13126247	0.11823495	0.11534276
0.38333256	0.31670203	0.28289482	0.27706633	0.27298521	0.25940944	0.26275822	0.25837005
0.29392202	0.27904283	0.28314107	0.27762866	0.29097188	0.28808918	0.2685732	0.25762669
0.06947932	0.0752138	0.09340731	0.0982226	0.11391775	0.12759707	0.15061848	0.1906722
0.23701158	0.22488634	0.22988974	0.23862379	0.22925238	0.21216215	0.22414136	0.21521674
1.16415264	1.18594838	1.09725619	1.2159097	1.22388076	1.07555574	0.87830286	0.72640889
0.43305692	0.44356317	0.44403932	0.43234636	0.42518447	0.41547638	0.40004543	0.37068937
0.27506886	0.28374263	0.28386745	0.29052239	0.28753968	0.29589398	0.29036306	0.29763164
0.22933867	0.23833462	0.23174433	0.23302568	0.22396483	0.2192514	0.20896514	0.20148164
0.12903206	0.13118813	0.14713041	0.15306482	0.1559068	0.16013221	0.14079438	0.13839469
0.52059777	0.50373015	0.48773456	0.46803856	0.45950094	0.448405	0.44519774	0.43113679
0.16580709	0.15832882	0.15983315	0.15197558	0.15258215	0.15060482	0.15163288	0.14290352
0.26628727	0.27768282	0.26887437	0.27085249	0.2672289	0.27456394	0.27277986	0.2723683
0.47469387	0.45260024	0.53190673	0.50376473	0.52284088	0.55663654	0.61627628	0.62739762
0.20430527	0.19987397	0.20117036	0.18758392	0.19094494	0.18708714	0.18114974	0.17860574
0.42521251	0.40460093	0.4031654	0.39636961	0.40562164	0.44162197	0.42716019	0.43884164
0.76276628	0.74104182	0.72676031	0.70155682	0.71626738	0.69331271	0.67697817	0.65867481
0.30677725	0.29491661	0.28197874	0.27424406	0.26791253	0.25783958	0.25416784	0.24161026
0.41079248	0.375979	0.34609795	0.35856833	0.36928259	0.34437294	0.34804017	0.31938824
0.78863942	0.81908994	0.84472339	0.83554179	0.81482293	0.79057143	0.75942828	0.74317325
0.09674395	0.10734405	0.11734601	0.11899835	0.11678965	0.12853184	0.13584725	0.14547439
0.6675617	0.62817911	0.60993023	0.57283623	0.54827594	0.59611161	0.5885235	0.57399617
0.38407176	0.38440569	0.38280299	0.3739835	0.36975636	0.37592831	0.37384901	0.37574354
0.20435708	0.18982493	0.19798558	0.17984713	0.18616544	0.19178033	0.20517349	0.19397538
0.0279385	0.03353094	0.03697353	0.05135501	0.0438121	0.05815837	0.05169947	0.05628539
0.51412478	0.50957785	0.49694854	0.48190885	0.46915601	0.46662888	0.45365135	0.44098235
0.32043301	0.32354158	0.32356908	0.33039234	0.33826235	0.34288456	0.3414968	0.32929827
0.1896364	0.18133536	0.20223484	0.18865829	0.19523831	0.20181973	0.1821288	0.1955271
0.29745052	0.28553119	0.28994344	0.30339907	0.2840414	0.30338443	0.2993292	0.30585327
0.30532439	0.28203682	0.29212378	0.28125187	0.28494096	0.27886933	0.28499598	0.30078134
0.32632957	0.30039846	0.326108	0.33980252	0.36975204	0.32154207	0.31602489	0.32779217
1.70251875	1.58272311	2.47221982	2.45254534	2.4326988	2.47109444	2.26568202	2.23556977
0.40884017	0.39974395	0.39592031	0.39103118	0.38619984	0.37954775	0.37812639	0.37935072
0.08538942	0.08664289	0.08716582	0.07936463	0.07707363	0.07626518	0.07385335	0.06989846
0.25681834	0.25036527	0.2460407	0.22580021	0.2314855	0.23759383	0.23853746	0.23263634
0.81407105	0.77642878	0.75139328	0.70759495	0.65226764	0.60984546	0.58139521	0.56881899
0.21855561	0.22927356	0.21890937	0.20792825	0.20230208	0.19668077	0.18916843	0.17686782
0.34329771	0.33650173	0.34149399	0.34555969	0.35539761	0.34175655	0.3192562	0.31008469
0.42263677	0.47696772	0.48089909	0.47898839	0.44240063	0.43654041	0.44501758	0.41531191
0.53883654	0.47204603	0.46173433	0.44233847	0.43688136	0.47114927	0.54130226	0.64849612
0.25744743	0.24469764	0.2461193	0.23528622	0.23071513	0.23062915	0.22304662	0.22685557
0.23602716	0.23409866	0.23973484	0.22825542	0.23249612	0.23930615	0.25449435	0.25655517
0.28953974	0.25433449	0.24854847	0.25671125	0.25692157	0.25709954	0.25352994	0.24559624
0.15848802	0.14755631	0.14774352	0.14529193	0.13859176	0.1394597	0.13737084	0.13829828
0.17234493	0.17150782	0.16818686	0.15926976	0.15867196	0.15168633	0.14500524	0.14294717
0.05376958	0.05104857	0.05656086	0.05876014	0.06146372	0.0623488	0.06424121	0.059488
0.25797874	0.24969843	0.24494966	0.26174606	0.25561982	0.25224956	0.24396975	0.23696408
0.33684804	0.32931367	0.31845913	0.30676745	0.29452586	0.28969632	0.27719324	0.26555819
0.19720064	0.1987442	0.20155625	0.18895352	0.1872052	0.18362568	0.17566318	0.16772864

0.48267791	0.50179473	0.48560614	0.45607302	0.40929114	0.37791446	0.34712313	0.34155496
0.1107155	0.1079251	0.11409006	0.11554574	0.12363971	0.12522488	0.12576951	0.1267706
0.17054778	0.15581294	0.16083945	0.14639904	0.13759836	0.13856892	0.12900422	0.12710082
0.23029171	0.22969476	0.21709755	0.20577913	0.20536092	0.19963222	0.18724041	0.18599557
0.35458964	0.3757627	0.37503147	0.38216125	0.3871924	0.36937906	0.3717967	0.38004919
0.35786875	0.33943858	0.33152155	0.32507268	0.31823959	0.31625472	0.29137288	0.29261088
0.25346494	0.260114	0.24970549	0.24651353	0.24095213	0.24004789	0.23912613	0.22356449
0.91668644	0.91074526	1.02220687	0.78784365	0.99805654	0.94303889	1.04828215	0.94489564
0.19099155	0.19312411	0.18083754	0.17726756	0.17715188	0.1677021	0.16936223	0.16230605
0.58512819	0.54346534	0.58776616	0.55291834	0.50368396	0.48548609	0.48584179	0.49261707
0.85747684	0.82202597	0.77286645	0.7325952	0.6844989	0.65381329	0.61027795	0.58870018
0.24397869	0.22686198	0.23191292	0.21902635	0.20512825	0.20874884	0.1924842	0.19463838
0.28120585	0.2735573	0.28043549	0.23782824	0.23347671	0.22769692	0.23454989	0.23572011
0.1470129	0.14719449	0.14477563	0.13348486	0.13323437	0.13224282	0.13013671	0.12414167
0.58233644	0.55030942	0.51507414	0.49810129	0.49963574	0.48908753	0.44545138	0.40924345
0.17686755	0.181128	0.17403054	0.15648274	0.14862294	0.13917533	0.13240136	0.12807955
0.29102354	0.29675021	0.30011749	0.30307174	0.29779625	0.29520074	0.28218193	0.2641585
0.2064797	0.20881178	0.208224	0.20353184	0.20700307	0.20351653	0.20591049	0.20761265
0.4596643	0.46485679	0.47800131	0.50249132	0.53770658	0.51134449	0.49517593	0.49540864
0.68176838	0.66298694	0.65049411	0.64989377	0.65949967	0.62238268	0.5865527	0.5705451
0.35419358	0.34023294	0.34562318	0.37022041	0.3742088	0.35339515	0.32556102	0.2857494
0.78774067	0.8358589	0.83650176	0.78448971	0.77325221	0.74720882	0.68667372	0.67294232
0.34844241	0.32097076	0.31581967	0.3162265	0.35328137	0.3573738	0.33869772	0.30720064
0.28926752	0.29782772	0.28270208	0.27302648	0.26852648	0.26569718	0.26382802	0.25217023
0.09453022	0.09787031	0.11423836	0.09910951	0.09752133	0.10015429	0.09639151	0.09429095
0.22068292	0.17546137	0.1782147	0.15388798	0.16875722	0.16089038	0.15760287	0.15800684
0.19497922	0.1957472	0.19909844	0.20091995	0.21098366	0.21453644	0.20583908	0.21079589
0.60999718	0.60450326	0.59800294	0.61770701	0.62265971	0.60588043	0.60025296	0.5804524
0.12087129	0.11766352	0.11771143	0.11774042	0.10782701	0.10747088	0.10176653	0.09890804
0.41803404	0.41518441	0.40283754	0.39899952	0.39861301	0.38403518	0.34630509	0.33137379
0.22157818	0.21233088	0.21036015	0.20528972	0.20640903	0.20353289	0.20173	0.18797842
0.37801396	0.37611516	0.36825479	0.3665799	0.37100467	0.37252871	0.36398536	0.36461808
0.23347606	0.22312791	0.21000287	0.20177942	0.20343924	0.20114921	0.2023615	0.19203716
0.38059178	0.36684278	0.33395992	0.33364008	0.31813827	0.30137654	0.30418304	0.31881313
0.43415519	0.43771972	0.41678927	0.40990094	0.38327853	0.35974642	0.35118612	0.34530961
0.23247664	0.23713583	0.23126025	0.21293182	0.17646727	0.18206321	0.16426914	0.14280511
0.66321883	0.68027157	0.70884584	0.69194032	0.69757637	0.6776326	0.68146024	0.68639636
0.56742794	0.56377226	0.54852677	0.54774325	0.54349842	0.55874057	0.59633081	0.60978021
0.27218822	0.26898045	0.25943636	0.24191094	0.24240282	0.20664968	0.20691026	0.1971567
0.25684492	0.27022582	0.23403114	0.21871501	0.22309923	0.21384251	0.2055434	0.18974688
0.16523374	0.16388614	0.15529112	0.14816257	0.1498676	0.14620724	0.14306435	0.14004619
0.32826974	0.30861081	0.32434425	0.31284351	0.30524868	0.3200376	0.30637952	0.34981744
0.32825402	0.36558049	0.35310908	0.36567592	0.3571752	0.35210119	0.35974393	0.3430943
0.26094001	0.26437494	0.26224653	0.2519249	0.24043624	0.23823759	0.23175337	0.22322505
0.71016787	0.67345927	0.67106774	0.54784089	0.48429201	0.50096746	0.50957125	0.49547604
0.43084467	0.40356001	0.39038478	0.38303202	0.37506014	0.38738974	0.36092076	0.35055306

0.57144715	0.64933705	0.5821398	0.58692256	0.5786801	0.54756814	0.53238689	0.56843795
0.76107585	0.70231064	0.65114419	0.64018124	0.62636429	0.62670054	0.61407543	0.58321365
0.34646525	0.32521389	0.32063828	0.32028957	0.29520867	0.29459892	0.31914809	0.31498743
0.10395693	0.09943599	0.10312255	0.10017081	0.10373532	0.10662848	0.10110059	0.10311503
0.35773743	0.35193623	0.33970009	0.32709526	0.32646092	0.32472953	0.31919597	0.31210741
0.67440936	0.65189503	0.65612277	0.6452759	0.66260799	0.66608592	0.6882568	0.68827619
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0.28796176	0.31127773	0.29814944	0.31280546	0.3344227	0.34186426	0.35588518	0.3460055
0.4919241	0.47451073	0.43151552	0.47137803	0.48429075	0.50970612	0.47394859	0.49274888
0.83619083	0.71205604	0.79056184	0.91122449	0.82224569	0.79299174	0.71987297	0.71917259
0.0688348	0.07132269	0.07916635	0.08257705	0.0843914	0.08602388	0.08514194	0.08091708
0.15001172	0.14616472	0.13154833	0.12638146	0.1377115	0.13985056	0.12231416	0.12194956
0.51088485	0.49046094	0.46323733	0.45417532	0.43181594	0.420242	0.46428843	0.44408008
0.25496059	0.24905294	0.22522854	0.21831697	0.22145205	0.21070539	0.20531498	0.19505305
0.17667916	0.17028379	0.15761193	0.14684693	0.13648457	0.12685816	0.12712672	0.12888449
0.22960601	0.21407627	0.20594134	0.19963107	0.19665235	0.19253827	0.18447836	0.1858963
0.02076419	0.01961645	0.01838585	0.02151129	0.03602096	0.03459197	0.03805452	0.02824592
0.34374006	0.34422517	0.3340414	0.33077842	0.32492268	0.32454368	0.32189894	0.31876682
0.39895153	0.38833017	0.33820717	0.3389057	0.34864133	0.3412692	0.3283117	0.33387085
0.76903215	0.7798704	0.74741496	0.76130376	0.74705194	0.71981689	0.70394305	0.65451333
0.19455406	0.23662023	0.24718179	0.30577448	0.21735052	0.22179576	0.21891423	0.23207204
0.28577155	0.28301042	0.27770315	0.26677654	0.26361359	0.26292339	0.26038801	0.24729091
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0.75187528	0.78772	0.81540972	0.78776718	0.78964272	0.82243542	0.83347768	0.83352159
0.19012801	0.18785327	0.15859552	0.14703266	0.10061886	0.08349092	0.08389219	0.07747955
0.53251586	0.50560517	0.48028336	0.46534057	0.44893731	0.44315061	0.47005479	0.36912161
1.43534513	1.31335349	1.24087945	1.22812241	1.15101015	1.31732671	1.40258668	1.36690311
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0.53750971	0.53884216	0.49841933	0.48169545	0.47834005	0.47883715	0.48915337	0.50641936
0.3677911	0.35103305	0.358644	0.35581759	0.34209287	0.3235371	0.29335972	0.29621832
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0.4576111	0.46124104	0.44263546	0.43424817	0.4131931	0.39726012	0.39009578	0.37521961
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0.17546009	0.16429742	0.15263863	0.14830355	0.13852755	0.13340623	0.12268132	0.11789219
0.21609274	0.20421796	0.19784155	0.19984853	0.19803053	0.19602649	0.18704776	0.1801224
0.26059912	0.25143629	0.24972597	0.24480364	0.24204428	0.2396224	0.24369702	0.23540065
7.71043792	11.4932471	5.99153478	4.00121139	3.45555986	3.28165701	3.55679175	3.62313984
0.24547709	0.2275143	0.23296505	0.25263951	0.26552087	0.27014607	0.25818393	0.26041506
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0.1742524	0.17638667	0.17284481	0.17082897	0.17946948	0.17358202	0.18130836	0.16676928
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0.28739989	0.27240345	0.26895123	0.25632436	0.260556	0.24685612	0.24283563	0.23294337
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0.6566364	0.73221738	0.71052753	0.69172896	0.69874758	0.70728076	0.70461856	0.74842926
0.46282961	0.45225594	0.45232676	0.44067277	0.44418022	0.44552041	0.41479527	0.40460339
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0.63329436	0.59332368	0.502299	0.50093551	0.57710368	0.56915157	0.54753216	0.59891762
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0.61154382	0.65323588	0.63866072	0.63879011	0.63839474	0.66446028	0.70007219	0.69757495
0.07864906	0.08236655	0.09258974	0.09358922	0.08816075	0.08854605	0.09058278	0.08868306
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0.27318607	0.27244011	0.24935357	0.25142963	0.24428433	0.25024495	0.25302939	0.24805536
0.2855429	0.27442849	0.27225327	0.26387001	0.25925659	0.25641343	0.25247871	0.24240737
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1.24731107	1.09836999	1.01949832	0.91314702	0.82925771	0.8273396	0.81458685	0.79870536
0.08897788	0.10039669	0.0932529	0.09880416	0.09768037	0.09745985	0.10095858	0.09341896
0.30292941	0.3162871	0.3110722	0.32110077	0.32013913	0.36151331	0.40220548	0.46313543
0.058664	0.0799062	0.07362388	0.07162562	0.0766162	0.07913198	0.07018401	0.08441073
0.43832585	0.41481806	0.40459352	0.39955057	0.40080625	0.40026687	0.38112804	0.40918682
0.86183982	0.8163268	0.81749264	0.82357371	0.74024058	0.62577916	0.5803093	0.62770743



0.37373802	0.39241075	0.40379062	0.40799606	0.43574217	0.40801446	0.39968545	0.38780194
0.47036908	0.43123649	0.48940771	0.47846357	0.40456284	0.38579318	0.4315165	0.47433386
0.73612098	0.74462629	0.74199687	0.74818049	0.70742145	0.70275002	0.70902889	0.70138721
0.38848572	0.42569052	0.41969502	0.41238269	0.40259746	0.39795215	0.41154639	0.41579751
0.82902104	0.65549834	0.63939226	0.58566461	0.59538056	0.55492557	0.52341037	0.53456324
0.20111796	0.19921951	0.19511143	0.18481368	0.18310514	0.17992048	0.17570821	0.16823639
0.40484426	0.39752252	0.39154137	0.38155161	0.36872367	0.35946198	0.35242916	0.34821148

2019	2020	2021	2022	2023
0.14032999	0.1511175	0.13043626	0.11862028	0.11853869
0.24349578	0.24624912	0.32230226	0.35582779	0.38320912
0.26096497	0.24399815	0.25177407	0.25496184	0.25464059
0.12442353	0.11172682	0.10250276	0.08984178	0.08296957
0.19851024	0.18977704	0.18361207	0.16294312	0.15473582
0.58144595	0.58271934	0.6088394	0.58485682	0.54060293
0.38664618	0.40314666	0.39816307	0.38450759	0.37211469
0.3012936	0.32178757	0.3076258	0.29879728	0.29615231
0.1971659	0.22417678	0.22625689	0.19516096	0.18771369
0.15039473	0.15538899	0.15613626	0.14303783	0.1437442
0.42044897	0.4048261	0.39385371	0.37010075	0.36104839
0.1430029	0.14181317	0.14212315	0.12667575	0.12352174
0.27950387	0.2834847	0.27950277	0.27647381	0.28972355
0.58261536	0.57373157	0.63011578	0.63323373	0.62125284
0.17403819	0.17205686	0.16637609	0.15142844	0.14152657
0.41111873	0.40707414	0.34472429	0.33651463	0.318023
0.64893327	0.56519336	0.61689162	0.61289864	0.6029025
0.22686916	0.21563207	0.21595018	0.20842855	0.19909481
0.29869644	0.28515629	0.29682545	0.30560678	0.24933173
0.77516697	0.81504254	0.7970181	0.74927377	0.74549957
0.16599468	0.17772242	0.16757174	0.15193759	0.15504606
0.52835615	0.54333662	0.50318681	0.48215932	0.46101107
0.36183322	0.35327647	0.34531172	0.35445699	0.3312702
0.1936802	0.21239877	0.18772164	0.17728138	0.17508482
0.06382978	0.06080388	0.06027618	0.05680308	0.05270203
0.43918028	0.4514565	0.46171647	0.45756996	0.46070756
0.32648013	0.33632257	0.34176089	0.33277235	0.32378554
0.21494276	0.20597391	0.22887053	0.20219055	0.20101611
0.28513548	0.35007526	0.34889636	0.34187396	0.34480525
0.29918449	0.30667998	0.30536714	0.2930245	0.28326219
0.28821914	0.27257378	0.26772066	0.27237078	0.27197719
2.13548675	2.18749778	2.18863397	2.24624664	2.13767528
0.36935649	0.3514023	0.34141539	0.33651976	0.33405734
0.06882745	0.06674148	0.06578942	0.05979264	0.05920908
0.24270785	0.24397049	0.22125291	0.21695797	0.20970802
0.5491765	0.54551873	0.52653543	0.51071537	0.51058866
0.17703867	0.17627295	0.17596194	0.16902486	0.15873077
0.30530807	0.31069286	0.30153083	0.29559962	0.28344227
0.41112827	0.41416902	0.40105776	0.3918419	0.36429463
0.67092852	0.68512843	0.62677656	0.63359118	0.62108054
0.22541413	0.24030907	0.22965619	0.21922843	0.22899904
0.27152682	0.28001864	0.27475871	0.2628373	0.25730178
0.2419303	0.32070588	0.3054685	0.2703581	0.25116516
0.1341176	0.1269962	0.12841868	0.12471281	0.12267834
0.13558997	0.13859418	0.12664894	0.12062308	0.12185638
0.07821476	0.06776524	0.07102739	0.06786021	0.06303564
0.23712518	0.23501014	0.22032453	0.21979396	0.2197876
0.24596511	0.24016734	0.24265722	0.23804109	0.22049499
0.15572044	0.15010704	0.15204113	0.1452445	0.13035991

0.3240799	0.3266889	0.32214736	0.30673773	0.28896153
0.12826573	0.13742459	0.13574674	0.12885822	0.12680542
0.11678092	0.1137133	0.10980967	0.10281168	0.09764934
0.19030189	0.19810845	0.18957864	0.18159473	0.18498985
0.38653686	0.38565372	0.39127871	0.39146965	0.36687372
0.2917697	0.29607088	0.28663875	0.27795817	0.28286242
0.195892	0.18330291	0.19223985	0.18092145	0.17573964
0.91835872	0.92766548	0.91389029	0.88870242	0.86810666

0.15069629	0.14938875	0.14920202	0.1393664	0.12726582
0.33566431	0.2618771	0.25717484	0.26317947	0.25034441
0.58313143	0.56803976	0.52138314	0.50104828	0.47950289
0.18136184	0.16908117	0.16379373	0.14860566	0.13531618
0.25231457	0.30024716	0.32067584	0.28145756	0.26780579

0.11913303	0.11622177	0.11772976	0.11133052	0.10242485
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0.43391079	0.43800309	0.41130856	0.41914244	0.44401887
0.12118569	0.12261321	0.11848119	0.10999865	0.1025318
0.26146675	0.27359058	0.25910269	0.24056152	0.22770739
0.20995683	0.22179849	0.21869442	0.21609798	0.21018205
0.49535389	0.47651132	0.48383774	0.50466431	0.51473945
0.55470862	0.5413175	0.5340282	0.52837935	0.50541729

0.28389857	0.28289579	0.25677409	0.25551215	0.2389336
0.66120276	0.65538389	0.62417331	0.61311222	0.58781669
0.3060967	0.31832854	0.29151746	0.26648603	0.24127554
0.23137118	0.22269152	0.20937184	0.19858936	0.18432589
0.10396884	0.10393924	0.10702356	0.1003698	0.09980807
0.15486738	0.15543232	0.15894123	0.16612761	0.16780242
0.20898348	0.20491562	0.20393357	0.196184	0.19706313

0.58111098	0.47404494	0.3946011	0.27185907	0.20205443
0.09958706	0.0883187	0.08286441	0.08083236	0.08272476
0.34504826	0.35856214	0.33676075	0.33256569	0.33287979
0.18360877	0.1959881	0.17565381	0.16167289	0.15701643
0.36729272	0.37181142	0.37631254	0.38542578	0.39694076
0.18317964	0.1878406	0.17883254	0.16375747	0.15666214
0.3189478	0.30850985	0.30506735	0.31003859	0.30729464
0.33067319	0.33083284	0.32323814	0.31997321	0.31545397
0.13131268	0.11877249	0.10674958	0.09605709	0.09508101
0.71728782	0.70412389	0.70440501	0.69980044	0.69195114
0.61362176	0.61374982	0.61234126	0.61886605	0.63319967
0.18661069	0.19126197	0.18882488	0.17391138	0.1595066
0.18803953	0.18424927	0.17047889	0.16449238	0.15965185
0.13636248	0.13550773	0.13772237	0.13137592	0.12081347
0.3379863	0.27575656	0.28451521	0.2677344	0.27931185
0.32445307	0.3092264	0.30990886	0.30574705	0.3127875
0.21709944	0.21408443	0.21106677	0.19594483	0.18069412
0.45538313	0.48174587	0.4968918	0.478064	0.45406199
0.36632739	0.41055705	0.35832487	0.35007212	0.34380599

0.52014626	0.53705374	0.54425994	0.50024842	0.47729627
0.59009012	0.6187503	0.62189986	0.58404336	0.56780778
0.31521834	0.32244657	0.30867272	0.31099603	0.30714424
0.11176649	0.11308426	0.12589291	0.11902114	0.12134656
0.29744734	0.28584804	0.28256796	0.25901889	0.2500154
0.68564848	0.71797361	0.7475196	0.73812295	0.76652862
0.57652343	0.58698059	0.64414663	0.64787939	0.65536175
0.36914278	0.3994225	0.35760392	0.36359904	0.37485891
0.53045058	0.56490487	0.54541493	0.53796193	0.51016701
0.79313065	1.33349172	0.73622139	0.71758789	0.78662475
0.11453117	0.13284373	0.12735651	0.10917948	0.11053107
0.12615563	0.13074565	0.1279161	0.12819089	0.13374998
0.43454946	0.43079864	0.4400511	0.4560905	0.44337639
0.18803921	0.18545008	0.17305684	0.15623127	0.15585428
0.12701214	0.10725206	0.10428728	0.09078116	0.08879105
0.18205772	0.17939066	0.1711866	0.15532801	0.15399725
0.03125405	0.07246288	0.05739558	0.07602353	0.04341791
0.33249014	0.34503678	0.33831746	0.32545377	0.31587738
0.32394132	0.34454378	0.32440149	0.33504107	0.34751914
0.66730268	0.70648832	0.69519269	0.67547085	0.64677528
0.24945617	0.37828438	0.28793388	0.26651451	0.26503899
0.25193971	0.25427782	0.2504378	0.24702854	0.24784961
0.27444849	0.26173964	0.24916522	0.26185982	0.2678848
0.81937039	0.85273968	0.8642622	0.82436075	0.7943289
0.07592177	0.08025576	0.07159608	0.07046303	0.0642398
0.34672267	0.38552431	0.43119826	0.41143112	0.39612542
1.39259606	1.33065394	1.34444377	1.27213893	1.48770246
0.66691063	0.63176625	0.69085436	0.7140613	0.67061348
0.56949559	0.58343783	0.58383176	0.55912762	0.54315284

0.18328408	0.1999514	0.20348541	0.19058036	0.18487286
0.52285211	0.5168952	0.53589252	0.53595537	0.55945851
0.28450904	0.29767709	0.29318139	0.28424286	0.28250259
0.42592117	0.42735016	0.44503239	0.44449737	0.43033152
0.66378947	0.78251781	0.70864507	0.67497419	0.65717851
0.95888774	0.96956136	1.00739987	0.94118942	0.95003336
0.34617078	0.32926245	0.32230696	0.30680022	0.30215307
0.44279882	0.44839554	0.41951912	0.41378302	0.40377722
0.16116432	0.1525504	0.14720885	0.1301565	0.12160006
0.12413494	0.12306026	0.12001915	0.11518848	0.1135414
0.39426433	0.42919769	0.41328381	0.39456271	0.39381212
0.37037729	0.35980499	0.34328272	0.32937998	0.33053238
0.66555058	0.6631997	0.68106453	0.68224683	0.68532452
0.40002316	0.43571896	0.428718	0.39807174	0.39535986
0.13670679	0.13621631	0.12815788	0.12388817	0.13312094
0.18368486	0.18127945	0.17362048	0.1771367	0.18168618
0.22929464	0.24201499	0.23997386	0.22688072	0.22517555
3.70136443	4.03201287	4.88560532	5.15889099	5.27460569
0.2619924	0.24014437	0.23286243	0.22753372	0.22473412
0.27074234	0.26430793	0.26521915	0.24619308	0.22511373
0.10812203	0.11128427	0.11249201	0.10854151	0.116551

0.8728427	0.82750672	0.70993878	0.73295791	0.77107304
0.15223623	0.15116894	0.13882505	0.13095164	0.12073727
0.42353445	0.42990344	0.42183337	0.40332809	0.38533429
0.17936059	0.20908265	0.22795457	0.21821004	0.20813164
0.47727491	0.48668085	0.48907138	0.473698	0.49845525

0.16436111	0.16127033	0.15954357	0.14679659	0.1370955
0.44529746	0.44136716	0.44447978	0.46697756	0.45943732
0.21786246	0.22880707	0.2107576	0.18947561	0.17548187
0.43580875	0.44866696	0.43754923	0.42646248	0.43964584
0.38926972	0.40457318	0.36264001	0.34972175	0.33090992
0.7627414	0.78799165	0.80747913	0.80673896	0.91223591
0.39530987	0.39974499	0.39466197	0.38586298	0.37274346
0.1020273	0.10382826	0.09854746	0.09621552	0.09842909

0.32989442	0.34737794	0.35099172	0.3565645	0.35588171
0.48525589	0.50491594	0.54659576	0.4895892	0.47411068
0.18901149	0.1856035	0.17903691	0.18014231	0.18137641
1.29156798	1.34349188	1.29288093	1.26625191	1.23336271

0.20575725	0.20860211	0.20656849	0.22994068	0.23946384
0.27741621	0.32338358	0.33129044	0.31583749	0.31612483
0.21916146	0.21638885	0.22725881	0.21690714	0.21016166
0.20231884	0.19679662	0.18332202	0.17089232	0.15674337
0.08393834	0.08368676	0.08169229	0.0739727	0.0726224
0.27242467	0.2753979	0.25774395	0.26543572	0.25671815
0.34621909	0.4121339	0.41715416	0.38048463	0.37928214
0.67199966	0.66076044	0.6447747	0.64694692	0.66307704
0.097968	0.10953681	0.10983848	0.10339406	0.10699389
2.50045313	2.67302449	2.8209762	2.92139154	2.93960496
0.42232919	0.44456917	0.44226186	0.43296371	0.41215341
0.28688325	0.30336168	0.29574541	0.29739385	0.29077037
0.58507362	0.57942926	0.53302455	0.49403314	0.46136673
0.91769007	0.95823898	0.90265608	0.90009619	0.87379853
0.31329379	0.21889688	0.20811712	0.27548592	0.32036535
0.42228867	0.42513285	0.45081963	0.47727116	0.4762369
0.85370795	0.85713863	0.83967725	0.8134971	0.78264688
0.26786428	0.28200058	0.28903775	0.2773808	0.28364677
0.24165044	0.24419439	0.23462892	0.21314769	0.20651953
0.2280464	0.21955183	0.21321044	0.20058828	0.1929047
0.40059855	0.40841571	0.40920819	0.39362872	0.38374495
0.42521866	0.42166281	0.43041981	0.41172497	0.3933947
0.39594275	0.39848861	0.37716741	0.40706352	0.38589285
0.38641319	0.41079405	0.4256971	0.40255383	0.39615338
0.27241234	0.25432573	0.25420204	0.25139466	0.24169771
0.7727317	0.74618982	0.73799838	0.71827049	0.67214503
0.09266165	0.0839116	0.08884388	0.0831282	0.0811588
0.56344002	0.58452957	0.57487366	0.56898084	0.57931873
0.07651738	0.06857927	0.07219953	0.06397644	0.05914919
0.43063676	0.42793129	0.41151688	0.36746935	0.38711729
0.60776922	0.64545639	0.67092807	0.67363203	0.67052338

0.38650262	0.39545326	0.46438449	0.50513872	0.47546268
0.49245263	0.52631951	0.54056596	0.52850536	0.52413789
0.70516184	0.67382685	0.65457844	0.62137382	0.60501376
0.40342171	0.42301017	0.411362	0.41293591	0.3985276
0.54135062	0.55416193	0.55112442	0.53434564	0.52949434
0.15844204	0.15475251	0.15406037	0.14479377	0.1332589
0.34043514	0.33748638	0.33167631	0.32357122	0.3197289

EDGAR Country Code	Country	1970	1971	1972	1973	1974
ABW	Aruba	0.62159106	0.69882456	0.87551387	0.95214194	0.93560322
AFG	Afghanistan	1.38749699	1.34562502	1.1360469	1.1585556	1.23181937
AGO	Angola	2.80367438	2.72344763	3.02459714	3.16282869	3.1688983
AIA	Anguilla	0.5239812	0.52642321	0.54356234	0.52034423	0.56007327
ALB	Albania	3.82444443	3.71061496	4.03968314	3.72308494	3.75426352
ANT	Curaçao	104.950611	103.647597	99.5662622	109.019169	97.9953108
ARE	United Arab Emirates	126.395533	128.444163	118.626687	127.59903	110.750021
ARG	Argentina	9.15687906	9.14572595	9.27533422	9.43055876	9.28486874
ARM	Armenia	5.0185156	4.95949044	5.14589813	5.4071495	5.65581628
ATG	Antigua and Barbuda	2.36027522	2.41764546	2.687196	2.67565801	2.44680915
AUS	Australia	24.5292692	24.5566852	25.0773308	25.2694667	26.0192011
AUT	Austria	9.5540942	9.93276313	10.1831791	10.6432822	10.3231256
AZE	Azerbaijan	6.31579535	6.25802128	6.48446232	6.81004593	7.13329352
BDI	Burundi	0.57603361	0.56588789	0.58598302	0.5957814	0.59550246
BEL	Belgium	17.3370887	16.2874109	17.423836	17.9721618	17.9567864
BEN	Benin	0.81809216	0.83026008	0.88017404	0.90576855	0.87883433
BFA	Burkina Faso	1.15029157	1.1350496	1.05896647	0.99038463	0.99024742
BGD	Bangladesh	1.91176046	1.77140371	1.7720361	1.76131703	1.71494648
BGR	Bulgaria	10.7572782	10.7735255	11.05341	11.1270329	11.1780945
BHR	Bahrain	86.5072836	84.2127792	84.6959238	86.3948455	88.1710402
BHS	Bahamas	9.20872796	9.16855506	10.4549166	10.2258182	8.85010303
BIH	Bosnia and Herzegovina	4.36260062	4.4043218	4.2516277	4.51908625	4.83451671
BLR	Belarus	9.91821106	9.96758415	10.450662	11.1294925	11.7893544
BLZ	Belize	2.24178326	2.3616851	2.46401612	2.46468473	2.46760443
BMU	Bermuda	3.08388853	3.080418	3.62417203	3.61237058	3.22253827
BOL	Bolivia	5.99477236	6.09404311	6.95195238	7.13044704	6.94485331
BRA	Brazil	3.66534533	3.65697662	3.77583154	3.95366055	4.12317634
BRB	Barbados	2.09486871	2.12351091	2.33349264	2.35918326	2.16656565
BRN	Brunei	21.4477487	19.2981775	22.4511253	26.9677705	26.9095363
BTN	Bhutan	2.35423688	2.31458066	2.28631957	2.25372619	2.22322646
BWA	Botswana	4.85991325	4.87995628	5.49221134	5.60649212	6.15724508
CAF	Central African Republic	0.89061043	0.91310361	0.94573089	0.95716077	1.00111713
CAN	Canada	21.7389825	21.8257893	22.4649629	23.3440436	23.3866285
CHE	Switzerland and Liechtenst	8.31816328	8.56179168	8.61523342	9.18854137	8.41256068
CHL	Chile	5.27214921	5.40472508	5.57023439	5.38738438	5.1373465
CHN	China	2.46741785	2.46972833	2.49940004	2.49186555	2.46556091
CIV	Côte d'Ivoire	1.21587656	1.18190177	1.20005066	1.17635245	1.15693946
CMR	Cameroon	1.13596159	1.15641216	1.09590919	1.07223419	1.07081499
COD	Democratic Republic of the	0.55577542	0.55321522	0.55173851	0.54756892	0.54883042
COG	Congo	1.76787025	1.91596186	2.00776267	7.63214729	10.2030267
COK	Cook Islands	1.2866043	1.29069652	1.31630427	1.55014824	1.88345275
COL	Colombia	3.83973399	3.87064489	3.86602521	3.86942932	3.90743673
COM	Comoros	0.96449408	0.95909811	0.95074021	0.949227	0.9526989
CPV	Cabo Verde	0.84490917	0.8294126	0.83735012	0.84600254	0.87777399
CRI	Costa Rica	3.1220774	3.13077935	3.23378601	3.47033681	3.39376005
CUB	Cuba	5.25484238	4.99621316	4.8124557	5.00322218	5.12995775
CYM	Cayman Islands	3.9180805	3.98649756	4.62336004	4.62496038	4.20283205
CYP	Cyprus	4.67345449	4.67743958	5.40986965	5.53347733	4.31507039
CZE	Czechia	22.4496012	22.4810461	22.3920633	22.0910172	20.3139287
DEU	Germany	16.8738819	16.7307178	17.0124444	17.7010668	17.2772586

DJI	Djibouti	6.1542597	5.89148947	5.59904245	5.4296002	5.41086895
DMA	Dominica	0.45315283	0.47869652	0.51269993	0.53130277	0.53351555
DNK	Denmark	16.2956896	15.2856344	15.5294558	15.3520855	14.2152371
DOM	Dominican Republic	2.13280276	2.17191948	2.37465665	2.35080526	2.48533764
DZA	Algeria	3.93050069	4.07367297	5.4041547	6.06504538	5.2700561
ECU	Ecuador	2.24791542	2.04411096	2.29836129	2.80056436	2.87761751
EGY	Egypt	1.71966728	1.68598176	1.67058655	1.54213851	1.62401313
ERI	Eritrea	2.25369349	2.21066715	2.12569988	2.09079541	2.01687796
ESH	Western Sahara	2.89015076	2.95022169	3.24200729	3.45033227	3.60443025
ESP	Spain and Andorra	5.60539666	5.47464733	5.79701367	6.14015246	6.45280263
EST	Estonia	18.7340973	18.6739589	19.9170506	22.1642816	24.1965829
ETH	Ethiopia	1.85737543	1.8169032	1.74413927	1.71074012	1.6625535
FIN	Finland	12.5648297	12.3702358	13.1544747	14.0110877	13.126679
FJI	Fiji	2.78901665	2.74680991	2.80411778	3.04444748	3.38610711
FLK	Falkland Islands	77.8321428	79.343889	79.0345962	76.1905919	76.982271
FRA	France and Monaco	12.5216868	12.6251603	12.8343389	13.4377529	12.9718207
FRO	Faroes	1.14998811	1.11433316	1.1233226	1.11301356	1.10355557
GAB	Gabon	11.5382644	12.179951	12.882039	18.9757795	22.8183979
GBR	United Kingdom	15.3693773	15.2436479	14.8438803	15.5364227	14.6249023
GEO	Georgia	6.38997421	6.34173632	6.63808514	6.94905642	7.21870878
GHA	Ghana	0.81545467	0.80546866	0.83040234	0.82004708	0.85848257
GIB	Gibraltar	2.86692612	2.87343053	2.50499929	2.50821685	2.49576054
GIN	Guinea	1.18661992	1.18208147	1.19085207	1.21600882	1.23966526
GLP	Guadeloupe	1.28907795	1.301626	1.37578083	1.40539592	1.34509198
GMB	The Gambia	1.56978015	1.56381433	1.4889822	1.41488026	1.43431204
GNB	Guinea-Bissau	1.06714337	1.06716972	1.0839599	1.10860813	1.22664101
GNQ	Equatorial Guinea	0.4078437	0.41549919	0.44898217	0.38623011	0.42825181
GRC	Greece	5.21389307	5.36288425	6.16875969	6.51132789	6.47789475
GRD	Grenada	0.55267307	0.57864859	0.58427461	0.59453041	0.57017139
GRL	Greenland	1.23125684	1.2244617	1.22477574	1.13884434	1.14335335
GTM	Guatemala	1.4923509	1.52718854	1.58512988	1.57259934	1.51787168
GUF	French Guiana	2.34563787	2.28216544	2.58997551	2.53626945	2.22321812
GUY	Guyana	7.11659424	6.90852692	6.48365902	6.98103062	7.02502147
HKG	Hong Kong	2.99921334	3.00522823	3.04249099	3.02023753	3.32239712
HND	Honduras	2.13550198	2.10319217	2.08743248	2.08345782	2.09931287
HRV	Croatia	6.44945066	6.44680227	6.34609513	6.65785902	6.90874519
HTI	Haiti	1.31942785	1.32425519	1.32170582	1.29345657	1.26798475
HUN	Hungary	8.78694558	8.97934324	9.12652597	9.60345301	9.84617249
IDN	Indonesia	1.79677407	1.77209599	1.77843264	1.8563497	1.86146054
IND	India	1.43215578	1.40723143	1.39322178	1.37361327	1.37717592
IRL	Ireland	13.4246161	14.2578694	13.9606683	13.9261026	14.6356517
IRN	Iran	7.74043789	7.72849788	8.29443739	9.36508005	9.48830581
IRQ	Iraq	10.4702214	10.551012	9.31001883	11.2964125	10.9178496
ISL	Iceland	15.7232375	16.1952914	17.4345508	20.4710066	19.8788577
ISR	Israel and Palestine, State of	18.282608	17.8735257	18.2076509	17.8140613	13.4756467
ITA	Italy, San Marino and the Holy See	7.3594238	7.63095593	7.90160051	8.29653343	8.26386356
JAM	Jamaica	4.92003651	4.8437511	4.74809413	4.95058227	5.03040329
JOR	Jordan	2.08342849	2.04302721	1.75113977	1.88160746	1.94084437
JPN	Japan	9.68571629	9.45411969	9.71736991	10.6155128	10.4290177
KAZ	Kazakhstan	20.4175681	20.1474602	20.8186755	21.6273107	21.9522349
KEN	Kenya	2.02089848	1.98750056	1.97354584	1.93361368	1.88933271



KGZ	Kyrgyzstan	7.74253036	7.6786675	7.88592596	8.04400895	8.19934303
KHM	Cambodia	3.65721187	2.97562874	2.36727243	1.69664606	1.37599027
KIR	Kiribati	0.54094693	0.5438972	0.56754153	0.64413974	0.74377676
KNA	Saint Kitts and Nevis	1.30262648	1.34575321	1.42168868	1.41162956	1.37285834
KOR	South Korea	3.09469098	3.04945595	3.05305696	3.47891392	3.60026949
KWT	Kuwait	106.373451	102.377078	100.442731	85.9925471	67.6124812
LAO	Laos	2.56812043	2.45611942	2.353443	2.27338821	2.26168495
LBN	Lebanon	2.94662831	2.94730405	3.10119497	3.60230789	3.54172534
LBR	Liberia	1.10720552	1.09025365	1.07691788	1.08272524	1.09229693
LBY	Libya	64.281681	56.1904611	43.5465965	40.4161469	27.3766041
LCA	Saint Lucia	0.73823109	0.74895713	0.79833514	0.79595611	0.7522935
LKA	Sri Lanka	1.52824201	1.48392545	1.44818749	1.45980331	1.51596089
LSO	Lesotho	1.84475744	1.71693025	1.64163086	1.58727931	1.60452674
LTU	Lithuania	9.43948611	9.48145722	9.89591377	10.3925001	10.8885355
LUX	Luxembourg	60.3719645	55.8400058	54.2915716	58.0025169	53.2145804
LVA	Latvia	7.26463293	7.30357948	7.6137717	7.9987049	8.38915051
MAC	Macao	1.34935457	1.33882852	1.41248156	1.69061219	2.07033649
MAR	Morocco	1.39054989	1.40260168	1.40172728	1.45763581	1.4728464
MDA	Moldova	6.50427517	6.4751299	6.7222306	7.01410598	7.28368842
MDG	Madagascar	3.0801393	2.85155344	2.83519427	2.81442604	2.78015435
MDV	Maldives	0.1811679	0.18527681	0.19296737	0.21418602	0.23759982
MEX	Mexico	3.95163242	3.85727276	3.98498494	4.06747713	4.27184532
MKD	North Macedonia	7.13486876	6.7382653	6.67962523	7.4041244	7.55343043
MLI	Mali	1.96905259	1.97433467	1.72433342	1.59409561	1.44561143
MLT	Malta	2.46905863	2.48698237	3.02035427	2.91279724	2.68140494
MMR	Myanmar/Burma	2.63351815	2.55618144	2.41833919	2.43921422	2.39073218
MNG	Mongolia	12.3170668	12.2480184	11.6189821	11.6503787	11.8416669
MOZ	Mozambique	1.04691791	1.03793158	0.9713746	0.98093057	0.94466109
MRT	Mauritania	4.91682452	4.65407239	4.15998937	3.9578779	3.34241002
MTQ	Martinique	1.11726637	1.14254786	1.27484498	1.28992775	1.22119721
MUS	Mauritius	0.99592514	1.02648027	1.06079365	1.09310772	1.13795106
MWI	Malawi	0.51855524	0.52311237	0.54293558	0.53950662	0.54907885
MYS	Malaysia	4.19355031	4.1642165	2.96255209	2.91796396	3.07122953
NAM	Namibia	8.28824059	8.1685832	8.04015455	7.92161443	8.42259908
NCL	New Caledonia	12.8337377	12.318304	12.352943	13.6436997	15.2092319
NER	Niger	2.45334781	2.45649255	2.43224754	1.80411835	1.76542944
NGA	Nigeria	3.25446861	3.44188497	3.95629009	4.37392828	4.79862827
NIC	Nicaragua	3.7439918	3.46767248	3.38960287	3.44570782	3.52202054
NLD	Netherlands	13.7607987	13.7251889	14.9391285	15.4471385	14.9577132
NOR	Norway	13.922225	13.4463853	14.2503489	14.5801308	14.2314187
NPL	Nepal	2.07912298	2.06158448	1.99081088	2.03694784	2.01869829
NZL	New Zealand	20.2493955	19.2796971	20.3101055	20.1804842	20.2236433
OMN	Oman	20.504733	19.8440601	18.9305663	18.6364732	18.2781736
PAK	Pakistan	1.72394379	1.6805519	1.66712546	1.66623881	1.67756087
PAN	Panama	4.06926475	4.07267111	4.15333444	4.27346419	4.24676724
PER	Peru	2.8608966	2.8476188	2.70874381	2.7160945	2.78598733
PHL	Philippines	2.43613889	2.4241561	2.34912219	2.49970502	2.36749284
PLW	Palau	188.715088	185.913289	182.80618	179.868477	177.648316
PNG	Papua New Guinea	0.76992913	0.76345474	0.78539812	0.86757122	0.97873402
POL	Poland	14.8372727	15.0751684	15.4845682	16.1234851	16.5697662
PRI	Puerto Rico	11.6041427	12.3157654	14.723192	16.0112699	14.9501178

PRK	North Korea	6.85323082	6.70791531	6.74681855	6.73587055	6.82370329
PRT	Portugal	3.40244391	3.48767184	3.536619	3.75527096	3.63598742
PRY	Paraguay	4.20561367	4.22670447	4.25643432	4.38493955	4.39261196
PYF	French Polynesia	1.74780105	1.69887924	1.7198	1.91162343	2.17444491
QAT	Qatar	214.940085	227.450998	245.971557	256.399265	204.536495
REU	Réunion	1.11528578	1.09480826	1.09006868	1.11847456	1.16461334
ROU	Romania	8.49395648	8.52173727	8.77686101	9.36688848	9.45970648
RUS	Russia	13.242543	13.2865517	13.846632	14.5378016	15.1423602
RWA	Rwanda	1.12710691	1.10256753	1.09394469	1.08986731	1.06607264
SAU	Saudi Arabia	13.7875735	15.0758156	18.4238234	23.1338611	23.6027781
SCG	Serbia and Montenegro	5.31906178	5.38686159	5.32024315	5.636946	5.9847507
SDN	Sudan and South Sudan	2.77856581	2.74917284	2.7216497	2.86539954	2.82070344
SEN	Senegal	1.82412189	1.79152593	1.6757299	1.58947327	1.60161985
SGP	Singapore	3.59098345	3.54879086	4.1417193	4.50203923	4.62820438
SHN	Saint Helena, Ascension and Tristan da Cunha	1.16935694	1.17637159	1.07513214	1.05959302	1.09983338
SLB	Solomon Islands	0.94929225	0.98154141	0.9653638	1.03912743	1.16175196
SLE	Sierra Leone	1.09075531	1.1041774	1.07246382	1.0538569	1.05935625
SLV	El Salvador	1.50203804	1.43154234	1.48912195	1.45166723	1.45202094
SOM	Somalia	5.39434931	5.31562399	5.41029787	5.31556811	5.06525733
SPM	Saint Pierre and Miquelon	7.59639169	7.4754074	8.78842742	8.71926945	7.76692274
STP	São Tomé and Príncipe	0.46027197	0.44946747	0.43332855	0.44092328	0.44188353
SUR	Suriname	5.46204075	5.46838611	5.32599134	6.04233295	5.85421813
SVK	Slovakia	12.6956104	12.6333047	12.7080735	12.8634289	12.872946
SVN	Slovenia	8.84824704	8.93009045	8.64654339	9.55863283	10.1204434
SWE	Sweden	14.2194552	13.278714	13.2603764	13.4174208	12.5449003
SWZ	Eswatini	4.10824536	4.02435877	4.05277504	4.05631961	4.00207642
SYC	Seychelles	2.4835109	2.49010174	2.45720573	2.48843665	2.611162
SYR	Syria	2.46333752	2.38094054	2.35698373	2.17682881	2.56170404
TCA	Turks and Caicos Islands	0.79886941	0.80406793	0.90923198	0.89525443	0.80297902
TCD	Chad	2.45007184	2.43519995	2.52822209	2.24285325	1.81847002
TGO	Togo	0.89088116	0.86264601	0.87694642	0.82611056	0.80881608
THA	Thailand	3.19709366	3.1240189	3.0113468	3.18433244	3.01387169
TJK	Tajikistan	4.86792383	4.83537874	4.88855583	4.93566873	4.98731027
TKM	Turkmenistan	13.1289489	12.8742369	13.0828556	13.2621028	13.474572
TLS	Timor-Leste	1.07220139	1.0759184	1.13153417	1.11933741	1.08512782
TON	Tonga	0.7956781	0.7841353	0.79948318	0.91088574	1.00773652
TTO	Trinidad and Tobago	9.61780834	9.54630946	9.11616741	9.41096977	9.52894325
TUN	Tunisia	2.06970793	2.09669234	2.18793742	2.15988173	2.26537182
TUR	Türkiye	2.86282352	2.90896619	3.07576636	3.15751814	3.16434527
TWN	Taiwan	3.56064596	3.47070097	3.68601819	3.89151038	3.77629806
TZA	Tanzania	1.43085957	1.39856562	1.38987219	1.35522016	1.33585229
UGA	Uganda	1.15414146	1.13190264	1.13400019	1.12387981	1.1246694
UKR	Ukraine	12.8937454	12.8768823	13.4234636	14.0586143	14.5603976
URY	Uruguay	10.2711895	10.1040771	10.4098274	10.6923865	11.0923972
USA	United States	27.6191833	26.773419	27.7981125	28.471289	27.3874853
UZB	Uzbekistan	6.58443305	6.49535274	6.62192533	6.76073453	6.93213941
VCT	Saint Vincent and the Grenadines	0.5051531	0.51070438	0.53502056	0.54534863	0.53107471
VEN	Venezuela	9.19021521	8.87157819	8.59223959	9.14820813	8.6837077
VGB	British Virgin Islands	1.60909741	1.63594783	1.78516536	1.7876224	1.72364924
VNM	Viet Nam	2.06791239	2.0003369	1.96398004	2.00077325	1.91232474
VUT	Vanuatu	3.42253402	3.56668851	3.54243287	3.87951724	4.11970801

WSM	Samoa	1.10216892	1.0867844	1.10587948	1.19656643	1.34342602
YEM	Yemen	0.87149647	0.90382576	0.92947079	0.95962704	0.97330331
ZAF	South Africa	10.5572489	10.2469917	10.2669279	10.7536058	10.8186736
ZMB	Zambia	2.98598873	2.94546932	2.97516894	2.97179426	2.91486872
ZWE	Zimbabwe	4.19729104	4.1711219	3.96721503	4.11553024	3.99520754
EU27	EU27	11.9043743	11.8884496	12.1984093	12.6754766	12.4956363
GLOBAL TOTAL	GLOBAL TOTAL	6.48756941	6.37043855	6.48480699	6.66854195	6.54129095

1975	1976	1977	1978	1979	1980	1981	1982
1.1662873	1.15195941	1.33558585	1.42229664	1.49202004	1.55523517	1.59609388	1.56101195
1.25835432	1.24166298	1.23116245	1.18149509	1.1622333	1.15996394	1.1885057	1.2169571
2.93129412	2.35239127	2.85955689	3.03201473	2.99876526	2.95344993	2.69972791	2.63014293
0.59857577	0.57550932	0.59221172	0.64884677	0.69761737	0.88511935	1.23592591	1.31463152
3.74637995	3.91349566	4.05138641	4.3638881	4.71422096	4.69193128	4.24135142	4.39137151
70.4235028	74.9196111	76.0922603	64.9920321	64.5719074	61.377759	56.8061247	51.353914
95.7405405	99.4457279	87.3941449	83.1902595	59.2123561	56.4136496	48.0984756	43.6373168
9.15505493	9.33205184	9.58553277	9.17822913	9.25577754	8.9527102	8.6127106	8.36534097
5.98100321	6.01448092	6.10563547	6.22915526	6.33730867	6.5945769	6.63211693	6.72006305
2.76523107	2.57360797	2.74404109	2.7952048	2.86138682	2.91111678	2.69783704	3.18891702
26.3802578	26.2950698	26.4771253	25.5545152	25.5556172	25.7397736	25.6233772	25.7633146
9.97736418	10.6870275	10.3518848	10.627622	10.9946485	10.7599992	10.2842363	10.0020603
7.49865869	7.57306731	7.67831069	7.92582426	8.05808394	8.28158904	8.35072311	8.35804641
0.60930637	0.60181908	0.59280902	0.58719175	0.590337	0.51781323	0.4579	0.45164351
15.9224505	16.8445986	16.6738553	17.0727292	17.9863083	16.9044271	15.7058368	14.8505564
0.91644655	0.85605384	0.86740198	0.87337541	0.88220906	0.90090647	0.92681505	0.95891411
1.00433587	1.01326956	1.01046067	1.02814083	1.05316874	1.05859757	1.07619451	1.09583698
1.75767465	1.67232502	1.64970274	1.65041939	1.62905037	1.49960162	1.46906603	1.44995645
11.8744808	11.9306322	12.2283127	12.8928427	13.3052418	13.6649932	13.2203378	13.4120139
74.8213407	73.5683041	78.6063756	72.984308	71.2501499	67.4776765	65.3852908	63.7050208
8.89037306	7.79209861	8.40970108	8.3458527	8.40196993	8.11470104	7.09604936	5.84120682
4.92292754	4.86198107	4.96333319	5.11356582	5.23935998	5.03717929	5.47921595	5.6788659
12.3771206	12.6975079	12.9501019	13.3095385	13.5916947	13.8662783	13.949844	13.9439668
2.57956055	2.49332617	2.54246432	2.50981216	2.48320136	2.46953428	2.40277132	2.32617485
3.79366424	3.45218302	3.74753391	3.72500969	3.66940872	3.6182081	3.12381344	3.08190388
6.55411742	6.67749029	6.09646403	6.17146655	5.6601906	5.42337805	4.92002753	5.03518112
4.23583409	4.47148143	4.52213997	4.54773818	4.63839578	4.75470028	4.5447205	4.48989786
2.34944891	2.23880093	2.44224386	2.44832638	2.45461201	2.49330194	2.42951803	2.35346421
26.7626059	30.2507619	30.1197754	29.6453729	27.5662392	31.1838638	24.9650513	25.9059081
2.18153658	2.15969404	2.13442229	2.12873694	2.10759881	2.08946305	2.11863883	2.13302672
6.62053596	7.33616745	7.67255014	7.11344141	6.92972248	6.88123939	6.86853144	6.81418735
1.00442786	1.0213759	1.08151744	1.15244483	1.391739	1.44116152	1.45128138	2.70332427
22.4194991	22.6196024	23.235789	23.2554633	23.6039447	23.5649739	22.5133238	21.5268933
7.99562651	8.29280433	8.39214466	8.62424608	8.45518566	8.59007016	8.15652767	7.75926641
4.75069884	4.68525336	4.42116682	4.41080245	4.59623515	4.7624554	4.64251261	4.25438389
2.61685617	2.63682391	2.7730194	2.92634122	2.92784773	2.86080491	2.78594669	2.82626015
1.18267199	1.22497509	1.19482618	1.24429948	1.17326034	1.10687662	1.06401382	1.05764611
1.13266231	1.14143045	1.23340957	1.30689647	1.53474131	1.83043299	2.09138479	2.21699065
0.54171891	0.72823943	0.70235733	0.65493903	0.67831807	0.64974501	0.65236432	0.74121887
6.45468727	6.26234937	2.84601741	2.53812774	2.54922553	2.98248879	3.447853	3.76503834
1.69359707	2.07541699	2.18648974	2.25783042	2.36301334	2.5084991	4.15525358	4.06344066
3.98564395	4.05521803	4.0536926	4.11372443	4.03811117	3.97633725	3.94567622	3.93990021
0.94308076	0.94431573	0.92885794	0.91270022	0.90912697	0.87541667	0.84276765	0.80765405
0.89833622	0.92329151	0.94542371	0.95590065	1.05412387	1.03609	0.99578871	0.58405114
3.46096942	3.43061264	3.67265322	3.75968565	3.75113354	3.57527131	3.53566483	3.31776137
5.13200369	5.25474961	5.45238896	5.68817538	5.75098768	5.75531728	5.77807603	5.69221257
4.8149725	4.42009667	4.72177091	4.65524732	4.55876687	4.50686231	4.44734419	4.35520756
4.15129656	4.77478448	4.9869016	5.13281132	5.36622869	5.59105332	5.38373618	5.49239051
20.9659465	21.4113183	22.4350168	22.112299	23.011224	22.2450513	22.2484721	22.43792
16.473112	17.2893417	17.00375	17.5592146	18.2711584	17.6218839	17.1878238	16.5786912

5.21548907	4.90230726	4.67242496	4.35113907	4.45274524	4.21857884	3.39226185	3.17354965
0.57244175	0.57384656	0.60247773	0.6148189	0.62962799	0.64086072	0.71307636	0.7164767
14.4882093	15.302027	15.9152314	15.8646146	16.4434262	16.5196449	14.1417125	14.7179715
2.56603714	2.61245699	2.6446322	2.55459102	2.61790478	2.6007608	2.43853721	2.41169902
4.90894158	5.61333754	5.93482982	6.24385372	6.14323509	5.74033134	5.23444914	5.23346208
2.90613098	3.11895927	3.23170214	3.32956231	3.46142708	3.51692326	3.63554354	3.58312278
1.69962321	1.85568998	1.89624676	1.92068254	1.96414508	2.04843978	2.14906035	2.23297928
1.91833975	1.86717102	1.81102969	1.78738204	1.76969127	1.74175366	1.71831699	1.67342455
3.53748894	3.19475354	2.8164537	2.42696347	2.25221862	2.16838152	1.98245946	1.96651863
6.55862912	7.00466478	6.73736603	6.68963793	6.97124098	7.26798485	7.34680731	7.19302939
25.8646922	26.8096776	27.598456	29.0147199	29.8547519	30.6586214	31.1839684	31.1304626
1.57775877	1.54393989	1.54048449	1.53649892	1.52787101	1.49835761	1.47409553	1.44923605
13.0080965	14.2011873	14.0376774	15.4793851	15.4616585	15.5805679	13.4968604	13.0121331
3.05084556	2.9748349	3.07268558	2.99458584	3.1498229	3.23325552	3.23256421	3.14515308
79.9753653	80.4765308	80.6538583	81.860687	82.5895663	83.4724579	81.3929919	82.5791389
12.0907019	12.8649083	12.485313	12.7702768	12.8923512	12.4198114	11.4275056	11.0062459
1.09011369	1.1089647	1.0999968	1.08213044	1.05838093	1.04866643	1.03362501	1.02116952
25.7597072	26.5170603	25.6014171	24.9756996	23.1233243	21.0742142	19.3952516	19.3831814
14.4062963	14.5244072	14.6159768	14.5807289	15.2930865	14.1395755	13.773063	13.4742472
7.60728375	7.67238784	7.70530412	7.84148843	8.03322748	8.16130532	8.1874211	8.04593132
0.85382558	0.84825736	0.87111798	0.83459249	0.81981772	0.80414355	0.84018218	0.78832717
2.58954066	2.55428195	2.43720737	2.31967646	3.07007438	3.56797698	3.34737185	3.67500443
1.26979278	1.28233034	1.29431575	1.30122777	1.32268088	1.31545181	1.30229375	1.33675394
1.44568872	1.44546999	1.50821851	1.54000986	1.54610242	1.52974299	1.71479124	1.8148169
1.42610686	1.4105938	1.38353188	1.36953369	1.31002539	1.31878132	1.32803351	1.28078175
1.42195697	1.54759601	1.50883635	1.39682865	1.43147207	1.45454638	1.63547563	1.97632443
0.45762166	0.4847858	0.49808893	0.6499752	0.63498482	0.63563739	0.64082148	0.58607536
6.63390145	7.12881832	7.26937206	7.47546755	7.73228884	7.6641827	7.54491933	7.64966103
0.58680852	0.60469981	0.64356832	0.66842742	0.66679917	0.66064785	0.70103761	0.67098699
1.14031485	1.13549504	1.10465975	1.12211051	1.12555539	1.13183242	1.14830456	1.14812601
1.54785651	1.45794125	1.55011465	1.59900065	1.66122866	1.68679642	1.59405208	1.5111763
2.54023737	2.27229189	2.43850526	2.3954696	2.35489403	2.27623817	2.02727929	2.35288645
7.63061173	6.95294378	7.40514355	6.85325582	6.11261796	6.33261755	6.23719194	6.02399386
3.23197503	3.59368572	3.97453617	4.09550969	3.7891172	3.80512898	3.9743866	4.37721541
2.10763447	2.08651469	2.09980995	2.05726418	2.04777771	2.04301989	1.98602475	1.93415857
7.0601524	6.89693132	6.76029471	6.96259665	7.31585679	6.71062248	7.11428809	7.19215009
1.24076724	1.2653477	1.26083202	1.27709014	1.26420231	1.24693539	1.21084612	1.21637632
10.0004191	10.3485129	10.7491836	11.5369608	11.3852714	11.2622512	11.1799695	11.2647105
1.81273376	1.82578059	1.96439222	2.04183832	2.0306789	2.00869941	2.02588842	1.91719256
1.39485361	1.39839359	1.39541855	1.36894543	1.37822458	1.38098035	1.41722164	1.41562162
13.9715682	13.8232471	14.2895701	14.1478345	15.256821	14.7972801	14.3748563	14.2125878
8.7992719	9.51279772	9.26984185	8.59795806	6.72755107	4.89771177	4.60006633	5.52449422
11.9841777	12.9642655	12.030734	12.7408403	16.0403895	12.7308535	6.47402663	6.53219414
18.4389397	18.6857085	19.1930362	19.5982543	19.6379437	18.5142093	18.0051331	16.503489
17.9090002	4.85278354	4.90583225	5.04899074	5.02324605	4.89728187	4.97821763	5.07700052
7.90270713	8.39294268	8.16513176	8.31296508	8.58329736	8.59006875	8.33975658	8.15085773
4.26806657	3.80512302	4.05823986	4.08745132	3.90398065	3.74571773	3.64322834	3.1555786
2.04314113	2.26556081	2.28831994	2.62563871	2.72534265	3.22085518	3.55180974	3.61698278
9.78327498	9.9915934	10.1353136	9.99431655	10.1299161	9.79721923	9.49676686	9.06998511
22.4617447	22.7708902	22.7388741	23.4609127	23.5266705	23.8013022	22.4674999	21.5585425
1.83965917	1.80091524	1.78913258	1.83107932	1.87867186	1.72319118	1.6470568	1.68054471

8.42921988	8.48698425	8.50130044	8.67483816	8.69578747	8.86524664	8.4299702	7.98506732
1.55098532	1.51186792	1.49136535	1.50233858	1.25996504	1.97658197	1.87575234	2.29375954
0.64680035	0.63764133	0.65943594	0.65224715	0.6820268	0.71466051	0.70318043	0.69183783
1.44887437	1.45314107	1.51194668	1.52137594	1.52573262	1.51515708	1.49824145	1.47883613
3.78384831	3.99161132	4.35757301	4.50912426	4.91707274	4.91461648	5.01281779	4.91985769
53.7150849	51.8547143	46.6649544	49.4246899	54.4201495	42.136446	33.9956033	31.2702378
2.15693232	1.82122719	1.90181371	1.94356372	2.1468558	2.29605991	2.2042589	2.20132034
3.13261301	2.95950412	2.64027121	3.12339037	3.45303951	3.5063848	3.53924082	2.75842082
1.08438191	1.08420094	1.14790147	1.13487132	1.23758961	1.17805018	1.04486935	0.98275744
27.1032905	33.7285786	34.3792854	32.7330206	33.8447044	30.0277867	21.0146603	21.1817867
0.81166719	0.78184826	0.82094039	0.82577803	0.82630605	0.82603613	0.74687762	0.81157009
1.27918821	1.30397769	1.40335	1.45428848	1.41719672	1.4220215	1.42444729	1.37616187
1.61212886	1.55302638	1.39986828	1.38024391	1.40607672	1.45246662	1.42553936	1.41114411
11.3217364	11.5911802	11.8160364	12.1133849	12.3456591	12.6220639	12.6076364	12.5358232
42.2502483	44.5530499	42.2143227	45.3139207	42.8669971	40.0284698	34.4890559	32.366768
8.79171702	9.02221266	9.19524543	9.47031251	9.66079008	9.90292498	9.95484149	10.1007498
1.75027056	1.74239156	1.85167116	1.84926417	1.98176291	2.10671449	1.98306035	2.01212674
1.49621811	1.52810279	1.55379347	1.60740142	1.63205553	1.65646758	1.60103327	1.50007771
7.65812088	7.79645823	7.89965126	8.12114972	8.23663178	8.45779958	8.35960324	8.3704509
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0.2212957	0.22236985	0.22960601	0.23297408	0.24168463	0.25083643	0.25099626	0.24914882
4.37743338	4.49864289	4.5293487	4.79490494	4.90714364	5.22111138	5.45742959	5.65793264
6.34522023	6.48415693	6.54127449	6.28227609	6.81579354	6.30439296	6.67474824	5.91921757
1.54446238	1.54115183	1.5307416	1.54951219	1.7036939	1.80051703	1.85036216	1.90955476
2.44903327	2.73891331	2.87100278	3.25790447	3.16082806	3.42589136	3.7963086	4.26321445
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11.961413	11.8563529	12.0433602	11.9832046	12.1989127	12.3833013	11.5644696	11.7995396
0.88505014	0.84561407	0.81053982	0.7569157	0.73257645	0.75463416	0.71933148	0.81316749
3.34147548	3.41045492	3.44935613	3.4167108	3.43329239	3.4093013	3.49359126	3.46902226
1.34612289	1.30108001	1.38466441	1.39775017	1.40386078	1.4458586	1.46972143	1.43804041
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0.55140775	0.56071881	0.55418574	0.54924505	0.53938491	0.53490105	0.53769432	0.53544509
3.15596481	3.30255749	3.22413685	3.54665803	3.95750784	3.93308466	3.86489433	3.9860175
6.14237156	6.02347129	6.66576948	6.57807333	6.86836543	6.96503596	5.78822772	5.16036145
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1.83840839	1.92915331	2.06135228	2.07531556	2.08493564	2.11248089	2.15742651	2.19056464
3.82559086	4.23994984	4.03557036	3.77133684	4.53400958	4.06467003	3.14837324	2.90926284
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14.2347774	14.9258573	14.6738088	14.9922426	15.6527168	15.0668844	14.8943169	14.0377568
13.7606397	14.3583857	14.5850702	14.2434612	14.9999235	14.4715317	13.5283494	12.4910042
2.00590435	1.97992521	1.96486048	1.93473629	1.90345808	1.91568467	1.87617892	1.80084823
19.6648245	20.2472396	20.4767343	20.4069737	19.7541148	20.4845662	20.3494792	20.7969836
39.5722241	41.5228317	38.6950214	31.2483479	27.0366946	17.9687592	19.0937468	16.7669991
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2.32936634	2.21233898	2.21244521	2.18426163	2.20743499	2.02560037	1.92373128	1.84473299
176.480149	176.391481	177.261662	178.316156	178.737368	177.694534	177.569728	172.467669
0.85585616	0.8369236	0.84621478	0.82634336	0.84709997	0.86688488	0.84273089	0.82612632
17.0334743	17.6425131	17.937822	18.7994623	18.6792475	18.5469814	16.698254	17.0861236
13.7273969	14.7535643	16.2333077	16.1490277	13.6088362	11.0860305	9.4801057	7.29001345

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3.75392148	3.83326894	3.84990684	4.00976778	4.27845863	4.36830752	4.5139731	4.73278181
4.49591649	4.79238451	4.97203326	4.9314811	4.7139879	4.64997582	4.8589701	4.92840997
1.82374791	1.75714003	1.79244051	1.74101409	1.79539378	1.87056313	2.60367333	3.12145249
177.284559	167.716853	142.572764	150.743405	137.814845	110.375188	83.2928771	71.989602
1.18877208	1.23991857	1.29184662	1.24688729	1.35895313	1.31039585	1.28962354	1.29248827
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18.6902258	21.8419907	22.337983	21.6741051	24.0476601	26.9051498	23.9546485	21.0487595
6.16485123	6.26210093	6.40799406	6.67384299	6.82288886	6.65851647	7.51125884	7.89200795
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1.61858747	1.61203907	1.60407758	1.60241922	1.58079209	1.48439691	1.46014103	1.43498076
4.55652184	4.88410114	5.35406208	5.96208963	6.31856081	6.25600874	6.60719399	6.72004795
1.05986904	0.98576895	1.29069381	1.23936182	1.29934951	1.33603515	1.09039266	1.06566683
1.06262504	1.07992755	1.11559464	1.12084556	1.11241164	1.15678264	1.31690996	1.18875656
1.05801545	1.06744685	1.05822477	1.05548212	1.02133435	1.00302512	0.96135516	0.95215027
1.50411568	1.53945282	1.60438208	1.65981955	1.57941993	1.38974519	1.34316479	1.21824385
5.09750571	4.6054074	4.3665904	4.18565311	3.81267212	3.55775566	3.5660154	3.60057235
9.13552644	8.29921878	9.03400421	9.01441187	8.89628561	8.79166365	8.60891452	7.43606361
0.45287411	0.46536628	0.45703492	0.45156988	0.47125118	0.45762367	0.45675512	0.43568342
5.61595399	5.82798207	6.21591655	6.65683137	6.66633654	6.85940487	6.31539759	6.25085129
13.0383498	13.0840871	13.4027413	14.6230768	14.7302109	15.4144226	14.886901	14.4384712
9.86197544	9.5371671	10.0293974	10.3683419	10.7215277	10.7038134	9.28608576	9.17028363
12.7106113	13.5235478	12.9953134	12.3201582	12.6973893	11.7603959	10.8283568	10.0657836
4.02429057	4.03492655	3.85018535	4.45647089	4.41219489	4.39564826	4.20958029	4.04317774
2.66157246	2.69498668	2.71250579	2.71558667	3.01065072	2.94004647	2.37139472	2.08245587
3.10086159	3.28255078	3.2307642	3.29193732	3.47297376	3.35356715	3.48901148	3.67268706
0.90280449	0.82591433	0.87342173	0.85932692	0.83769374	0.81051813	0.78237577	0.73369097
1.84410367	1.83876529	1.85781491	1.95494721	2.02581978	2.07215567	2.10951715	2.23428919
0.84045808	0.81222513	0.84978311	0.86176271	0.86211319	0.79766393	0.7801289	0.84666806
3.15796768	3.15257799	3.24700183	3.30068971	3.2078567	3.2268282	3.17651645	3.08160462
5.11271591	5.0792499	5.04261573	5.01984048	4.99656851	5.18938187	5.07088618	4.87847929
14.0573055	14.0592009	14.1558487	14.6024606	14.6654432	15.0814007	15.0600113	15.0513058
1.01163451	0.92466712	0.84382906	0.7895694	0.68249831	0.63989423	0.64686033	0.67044056
1.03652604	1.1017437	1.19743869	1.37627545	1.39933409	1.44435325	1.71433341	1.60654401
8.83770435	9.81770519	10.5553849	10.7663509	10.3703642	10.9814734	11.2071415	11.9564216
2.29360247	2.24141254	2.37622353	2.43732115	2.56073629	2.68167866	2.67833665	2.5831397
3.26959094	3.44656338	3.60452363	3.52116042	3.32101032	3.3548405	3.34856451	3.45093272
3.96096194	4.4502311	4.63496429	5.0289662	5.14495398	5.42855989	4.96351741	5.11777513
1.32538841	1.34489205	1.32837627	1.32610886	1.32291955	1.29796953	1.30144376	1.30023071
1.11909909	1.14016143	1.10294622	1.11964837	1.09886148	1.02304582	0.99166985	0.98001335
15.0808149	15.4462608	15.6399407	16.5158205	16.7501474	17.0983727	16.8121579	16.7318267
11.7709691	11.1760501	10.9957856	11.0536221	11.5485704	12.1865103	12.1651369	11.8120298
26.1393887	27.316591	27.7598247	27.469865	27.4982103	26.2260329	25.6346883	24.2446964
7.28916472	7.1952997	7.23179095	7.35774632	7.37722037	7.62560376	7.62444895	7.64481826
0.55862491	0.54628178	0.56497146	0.56753467	0.57099551	0.5730758	0.57703864	0.57436639
7.93151495	7.98568461	7.98156038	8.17236332	8.79938515	9.11493315	8.92769656	8.78007459
1.87846879	1.82427313	1.91164537	1.88273404	1.85933699	1.85615482	2.21773648	2.04841569
1.86373202	1.80532051	1.8375266	1.77960898	1.73657871	1.71658344	1.70732753	1.71384073
3.91243214	3.89919176	3.73784063	3.53538786	3.43942356	3.40385732	3.17704999	3.14599982

1.24985218	1.24793286	1.27475351	1.28002385	1.33756951	1.4018305	1.41668699	1.52498187
0.95188702	0.96898867	0.9541349	0.9650115	0.9654213	1.04871636	1.02434326	1.05223093
11.2271997	11.5340041	11.3253456	10.3239695	10.4077447	10.6740035	10.9452148	10.9563041
2.87460354	2.86042412	2.71638357	2.59365171	2.47179486	2.39963129	2.31437666	2.31129924
3.75553026	3.81957986	3.58397286	3.32379757	3.12872488	3.06207228	2.94104069	2.8738338
12.2031391	12.7960949	12.7026483	13.0610871	13.396543	13.1262273	12.5767464	12.3269062
6.42302886	6.57867217	6.61984433	6.66791481	6.70947785	6.52724469	6.29678124	6.14058661



1983	1984	1985	1986	1987	1988	1989	1990
1.58394639	1.80064579	1.88476204	2.05156102	2.31998472	2.58071969	3.48778565	3.53958338
1.24732189	1.19397533	1.21408815	1.08612651	1.08701036	1.10511829	1.04906476	1.02551212
2.70982969	2.69984739	2.77118139	2.82026876	2.91191142	3.03234966	2.98310401	2.6241876
1.17504456	1.12482211	0.77319193	0.67818219	1.07950336	0.98857685	0.99092018	0.94823775
4.60678701	4.62134991	4.37244477	4.33959518	4.31999701	4.18495059	4.0852971	3.50245949
47.9759736	46.6115655	31.1576582	29.8123044	27.8112458	24.5698868	21.25228	19.3857751
39.7316628	47.781202	46.8259417	44.2395604	44.0321716	41.1482572	43.9193656	42.7355536
8.44173522	8.35160668	7.94792386	8.01568836	8.02762027	8.17713039	8.03281794	7.75431599
6.64734137	6.56611718	6.48478648	6.44575351	6.40767118	6.29145213	6.12428228	6.87149359
2.34025512	2.64494462	2.74108336	2.86630302	3.42996374	3.64253429	3.66187493	3.69273001
24.5458873	24.9654817	25.5951121	25.5028637	25.7546852	25.8628709	26.8463182	27.0104532
9.98418226	10.3031635	10.4746722	10.2545955	10.2508457	10.0662603	9.93590241	10.4165872
8.384714	8.3918845	8.38311675	8.40262091	8.41925492	8.25307564	8.12866419	9.36685142
0.45051016	0.4547561	0.43213378	0.46033696	0.45530914	0.46623353	0.46234741	0.53407409
13.8987069	14.3007248	14.0286634	13.9819129	13.8702202	13.8861066	13.94352	14.0458254
0.91533849	0.91035778	0.9344198	0.84893464	0.81895498	0.78784512	0.76244523	0.77472228
1.10179325	1.10091836	1.19380522	1.20703252	1.22142668	1.22437947	1.21955537	1.27488087
1.34593461	1.34365665	1.33195832	1.32400818	1.27770329	1.25003611	1.25389331	1.22512964
13.2572736	13.0114072	13.1674143	13.2852761	13.3113452	13.2679428	13.1114638	11.6994195
61.2484883	59.9711938	60.4110322	63.9347737	60.3877115	60.4024889	58.8921104	58.6099411
4.41307005	4.27957158	3.81922069	3.91454047	4.42912276	4.45347745	5.02040063	5.09853737
5.95963429	6.13889787	6.32422783	6.45317441	6.0385946	6.03834971	6.11063718	7.35039166
13.9687135	13.8638945	13.7894651	13.7460981	13.7503819	13.4602575	13.0859436	13.6952954
2.39898817	2.28210596	2.20620425	2.28470493	2.15616302	2.05440503	2.26518243	2.51948854
3.15704614	3.36388404	3.26622438	3.18235925	4.62196259	5.32565385	6.49443714	4.62590027
5.07410643	4.71249308	4.65355643	4.18711795	4.27543604	4.30450585	4.46173861	4.3203532
4.35981321	4.42015259	4.46381846	4.60620428	4.64064827	4.65655822	4.63981113	4.49660048
2.39003007	2.76199913	2.99512894	3.1035476	2.92642486	2.96235745	3.26118286	3.30268139
27.0077935	25.4322974	24.079416	22.4857865	22.0048441	22.6646699	21.8326562	22.7733967
2.15067901	2.1335446	2.16673675	2.14951652	2.22587915	2.00111789	1.96831699	2.33339517
6.32589627	5.90070588	5.46854688	5.44231246	5.36914432	5.9484147	6.11096252	6.66481546
2.66744523	2.42695776	2.42612616	2.57211375	2.47565586	2.35746563	2.57730719	2.56767249
21.3588688	21.9630008	21.5349641	20.7400853	21.0603529	22.0313211	22.5390334	21.013221
8.36943656	8.25065808	8.68618826	8.62337789	8.29857787	8.23049496	8.14897606	8.18982074
4.1812071	4.20454405	3.96785597	3.88707164	3.86621444	4.14883405	4.49138564	4.39397394
2.89146621	3.02037894	2.97667401	3.0475006	3.1516331	3.25534457	3.29946851	3.30622864
1.16957029	1.11075187	1.06143605	1.01908941	0.97686734	0.93692366	0.87237286	0.83754578
2.41819746	2.62545706	2.96341046	2.91540631	2.81441517	2.49913039	2.65575361	2.54765923
0.78852106	0.85544006	0.7928704	0.79479968	0.80773357	0.80945815	0.73803665	0.73548994
3.72521617	4.34219363	4.13743309	3.98386459	4.15394983	4.42112647	4.57403775	4.44849796
3.95750785	3.51195415	3.74819891	2.59218749	2.87221509	2.89023027	2.774729	2.84499635
3.88458976	3.79278609	3.77900399	3.79067038	3.86307967	3.85286371	3.90418386	3.92982125
0.78371072	0.76945448	0.73521439	0.67851532	0.74485567	0.72504609	0.7116737	0.80088147
0.56075814	0.60314129	0.61196364	0.40031858	0.47577738	0.54367781	0.57568332	0.62434592
3.32868803	3.32303085	3.20045818	3.15371164	3.13273896	3.08977455	3.12127351	3.11013914
5.89382817	6.16464871	5.84710476	5.8745878	6.08786499	6.18165687	6.27173237	5.84855981
4.71748436	4.55845783	4.52615492	4.74395361	5.00190314	5.31645474	5.16031248	5.16105248
5.47589768	5.56235914	5.45567601	5.89437856	6.62217988	6.59776383	6.80497369	7.06664706
22.5684505	22.9137324	22.6257834	22.4890407	22.4579508	22.0710891	21.2920917	19.3380366
16.7776154	17.015795	17.0153423	16.8435894	16.647749	16.4836091	16.2434691	15.6205767

2.87385601	2.56506053	2.52487585	2.35699091	2.67857173	2.44391178	3.53579698	3.12378459
0.72611728	0.77016869	0.8096182	0.82324412	0.99016847	1.05365002	1.10950467	1.12077619
14.3145123	14.1390209	15.6087559	15.8034929	15.309303	14.4241343	13.4008658	13.4305409
2.59871898	2.60695462	2.38115495	2.44823589	2.62411234	2.56666386	2.6635564	2.40492484
5.20160188	5.28828722	5.61429107	5.66659716	5.42782761	5.28692848	5.27028439	5.23032809
3.43139397	3.60529123	3.68835204	3.75612856	3.36407351	3.7567659	3.65578717	3.7167795
2.33352327	2.45228351	2.4899401	2.47443384	2.57244718	2.52434121	2.57094445	2.57196155
1.67084131	1.5878076	1.58070821	1.5659102	1.5047116	1.48592582	1.49837435	1.50162156
1.93453178	1.90558004	1.96436019	1.94957127	2.11735229	2.00925194	1.89908467	1.85769231
7.2100913	6.9470524	6.73980151	6.85418469	6.79508741	6.98181265	7.46396501	7.57481093
30.8373339	29.9812342	29.2457552	28.3410646	27.6861931	26.1732546	23.9916484	28.4066141
1.44891976	1.36456582	1.3799272	1.41564976	1.31827213	1.29356994	1.31524407	1.30702515
12.7324437	12.7237425	13.4904612	13.4760664	14.3645763	14.0097047	13.94491	14.4555291
2.78127206	2.58113195	2.71962783	2.77702453	2.67510536	2.68104458	2.8673312	3.03155571
83.3568462	84.2932902	85.6004905	85.9082545	82.3423047	84.5964471	89.186859	82.8493376
10.6642219	10.389302	10.0521	9.76475215	9.52856035	9.4220604	9.51310703	9.35755479
1.01887022	1.01113619	0.99706951	0.98574101	0.98579176	0.9774294	0.97220551	0.97675236
18.3049923	19.5246117	20.559656	17.0958304	15.4910696	15.7401162	18.6912485	21.421293
13.340358	12.5434516	13.2760532	13.664559	13.6310066	13.5350966	13.2140655	13.3012343
7.87657262	7.77995407	7.63258262	7.4866466	7.49568697	7.32337367	7.0581283	7.73900208
0.62636084	0.65012632	0.67658473	0.70808311	0.71777153	0.70693333	0.74295601	0.70977764
3.3568209	3.25284108	3.47296914	4.36549202	4.80012017	5.37621443	5.18532167	5.4194982
1.33729793	1.30053239	1.23269178	1.14841338	1.23988579	1.24155176	1.2369226	1.29109885
1.88896058	2.02905206	1.94301352	1.90606723	2.0530818	2.23457963	2.32845156	2.41711123
1.15919809	1.08163791	1.0783308	1.05860402	1.13468083	1.10002706	1.03240747	1.03501873
1.81840818	1.68161646	1.45036094	1.41770506	1.50388371	1.49333333	1.53666026	1.63576129
0.45930789	0.46183539	0.41216519	0.41525112	0.45231264	0.43463496	0.46267502	0.43331272
7.97215433	8.12849174	8.43426313	8.34921339	8.81428956	9.26212031	9.66206158	9.66540719
0.64813083	0.64819694	0.63109741	0.65894729	0.73031718	0.77175679	0.78809284	0.96337443
1.1371795	1.12369313	1.11962186	1.11282236	1.10826586	1.1047609	1.10300102	1.10279792
1.45507516	1.45931034	1.46304644	1.38941813	1.40779848	1.39055002	1.40630198	1.41443575
2.83768814	2.37921556	2.11501261	2.50303356	2.93817057	2.73843022	2.92521918	3.16215712
5.52709509	5.9130539	5.62840984	5.6198377	5.57440237	5.66732154	5.36085961	5.05930729
5.00273219	5.4140561	5.54999071	6.19364566	6.10233195	6.65096861	6.73026469	6.77962386
2.14050095	2.16451776	2.04680785	1.9819681	1.96891215	1.9295441	1.91354585	1.84124591
7.82398645	8.07501535	8.16969015	8.63367906	8.43799954	9.01508871	8.64856369	7.00287336
1.21393899	1.19624039	1.16332222	1.12146835	1.09480092	1.0756921	1.04589123	1.03180003
10.9484665	11.1499625	11.1115967	10.9058879	11.0754773	10.6059893	10.3199612	9.32284313
1.92238348	1.95843289	1.96071727	2.01638437	1.98416081	2.01397817	2.04290808	2.18863202
1.44793985	1.48386293	1.48744445	1.5315277	1.53823891	1.58637538	1.6191973	1.58948556
14.13648	14.1369282	14.5654585	14.8779981	15.2339235	15.0198395	15.4881741	16.0397929
5.85808797	5.46545433	5.54535431	5.02439608	5.15803978	5.00915548	5.39579106	5.91744927
6.59214446	7.38144681	8.31193025	9.25657543	10.0993819	11.7568407	12.4484827	9.84712552
16.5521246	17.5791427	16.5942705	16.6087029	16.9811802	17.2616195	17.5106891	17.2986064
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8.00388747	8.1495722	8.14678422	8.1900074	8.63656154	8.64542057	8.94297139	8.95733513
3.17436169	2.97452577	2.65864	2.57280237	2.62753263	2.70011627	3.27977408	3.79403657
3.94446572	4.10949584	4.06711172	4.11026494	4.40074521	4.13693788	3.3743369	3.40839404
9.03881742	9.58445657	9.30216033	9.21857892	9.19598517	9.75913081	9.96893256	10.5787044
20.9825613	20.527388	19.5715475	19.4322473	20.1721795	20.4254047	20.2028944	20.9800124
1.73500356	1.75366222	1.68777434	1.68604482	1.64211808	1.66825088	1.67416786	1.63872112

7.56382077	7.21009826	6.93533864	6.78782988	7.09793669	7.11377224	7.01038364	7.63149678
2.22659372	1.64077177	2.01131253	2.04686679	1.91192208	2.19237411	2.22517448	2.1965195
0.68135006	0.42177286	0.44019513	0.41277825	0.4714055	0.46450146	0.44861089	0.46120302
1.44336644	1.49813346	1.49000283	1.44283352	1.46960664	1.53241521	1.52490471	1.46630285
5.2435022	5.74252272	5.92761662	6.07857414	6.14868229	6.70897382	6.90607212	7.57342603
33.675744	33.5419847	33.9467676	35.7056527	36.4232961	39.8482036	45.2389552	24.072736
2.06745968	2.01387377	1.96281083	1.91918619	1.78971198	1.73742442	1.78627374	1.88426933
2.87960242	2.92158175	3.29232735	3.44672078	3.52244042	2.86065177	2.88374596	2.87147763
0.99332062	0.91722327	0.91065275	0.84402011	0.87225737	1.0104668	0.90939518	0.81571918
19.5355309	18.8638401	17.5193673	17.6369132	16.5077688	17.9768337	17.2740985	19.6217959
0.77654083	0.81262992	0.88451081	0.89386738	0.938582	1.07340394	1.07558881	1.06424444
1.38318582	1.40797534	1.34829526	1.30118283	1.22970452	1.2700329	1.16793735	1.21711995
1.35527345	1.3104718	1.33849704	1.33270809	1.50404051	1.43037837	1.36483729	1.3219282
12.5178835	12.6383019	12.5347108	12.5635226	12.5716072	12.40698	12.2213511	12.6374999
30.2238532	33.0697235	33.3258939	32.4224543	30.5924669	31.5893439	33.4390721	33.8306246
10.1937397	10.2254606	10.2138845	10.2815931	10.3294191	10.1802501	10.0153323	10.1640763
2.62926608	2.45400646	2.14946451	2.54239763	2.98891539	2.80830611	2.77280064	2.927766
1.54341348	1.50621752	1.55173427	1.60240867	1.63906012	1.63511904	1.6984962	1.70671484
8.35977776	8.35657866	8.34138743	8.47014912	8.58832797	8.57107686	8.50091537	8.56629786
2.48758136	2.44276266	2.34379039	2.28286382	2.19735596	2.14928927	2.0845116	2.06243324
0.24962635	0.45233713	0.47514274	0.46459904	0.49288486	0.55295603	0.52447828	0.60814813
5.34121841	5.31584674	5.38263698	5.24251287	5.29273682	5.1750411	5.3014547	5.15845647
5.60259743	6.32229597	6.53865558	6.63877657	6.43727243	6.49365088	6.57131643	7.21603571
1.66588073	1.45648959	1.34877638	1.35744821	1.37020778	1.42051187	1.45525912	1.48587473
3.2365392	4.26611618	3.74288195	5.77616206	5.99282762	6.43700411	6.89531424	6.83407307
2.00509218	1.9681443	1.96169643	1.91770985	1.79719594	1.76180106	1.70591715	1.65807627
11.7451034	11.6484745	12.173523	12.4595524	12.6321835	12.7763315	12.1749445	11.7834291
0.78513623	0.70250635	0.73154629	0.71354375	0.68367609	0.6652381	0.69073212	0.66736142
3.08868225	2.98123649	3.05165507	2.90910899	3.07463261	3.17271967	3.23532289	3.27514851
1.36810243	1.33486804	1.46397303	1.50848282	1.63486614	1.90522421	2.36445491	2.50791515
1.22036761	1.26104702	1.22466522	1.37434044	1.43003219	1.50085211	1.61096505	1.74548612
0.52503824	0.52104973	0.53277173	0.51169288	0.51335103	0.44331526	0.43477167	0.62222424
4.31687626	4.41951924	4.29798343	4.30304542	4.24446568	4.35262098	4.77759851	5.1188879
4.97260291	4.91111119	4.83753481	4.97846131	5.06774501	5.11580211	4.87631305	4.63242384
8.84027922	9.1815948	11.4672199	10.9415431	11.6485557	11.278969	11.6659367	11.3588419
2.24066235	1.58659069	1.33208985	1.33845992	1.33995313	1.34858856	1.35801716	1.34322563
2.80459578	2.88811968	2.96265626	2.85489144	2.64100762	2.78980634	2.99471527	2.9212438
2.57340757	2.55693329	2.51966291	2.43039315	2.24468538	2.24906997	2.28704435	2.4463351
13.7132169	14.1556106	14.3668963	14.4866419	14.7078719	14.5750532	14.6674421	14.9134477
12.4772825	13.0786148	13.1734094	13.5390151	13.107357	13.3961486	12.9861476	12.8721129
1.82837615	1.81370826	1.76383795	1.70888828	1.71965422	1.69537779	1.63839045	1.62155034
20.6893802	20.8577048	20.9982126	21.0015237	20.695997	21.1042448	20.5803894	20.9728427
18.1571382	16.4978894	15.3775059	16.9412763	16.494391	17.2308488	16.9078529	19.2916177
1.69378113	1.68268834	1.70535521	1.80380951	1.82731405	1.84561169	1.87389169	1.87122693
3.71053767	3.33772144	3.17419851	3.14610859	3.20442876	2.83565191	2.84385898	2.85146149
2.35564412	2.39946801	2.28174281	2.32571515	2.39163782	2.34174173	2.13950828	2.04587864
1.83037972	1.70576205	1.68063139	1.60995437	1.65813971	1.66461999	1.65876318	1.63350446
174.268697	187.519716	148.192407	158.21927	162.905467	153.252839	157.132749	155.331
0.80855187	0.81394828	0.82891268	0.78053112	0.86654151	0.81179662	0.76899619	0.94257108
16.9592965	17.1516194	17.2147218	17.2819848	17.5347124	17.1176613	16.2330129	13.5122841
7.36938678	6.63649936	5.84735689	7.04877881	6.29100027	7.21228037	7.48925189	6.18162977

9.16042293	9.30896094	9.46144366	9.21084821	8.78953473	8.84227402	8.7214946	8.2612454
4.59385462	4.41108601	4.27375367	4.72489893	4.72596432	4.82333277	5.72696998	5.87934915
4.91986334	4.98337401	4.99517843	4.95135065	5.01166161	5.11878189	5.02452874	4.93733889
3.85605602	4.90751432	4.62363188	4.91973146	5.38262927	5.21301279	4.95568184	4.77796541
58.2071567	73.6840348	60.2949453	58.803971	55.069403	55.6207816	56.8269323	55.1724551
1.49333148	1.5613143	1.52914555	1.52775581	2.10901109	2.21286904	2.12616215	1.89569367
11.568167	11.5346132	11.4851298	11.5385949	11.8210004	11.9381718	11.7535815	10.2750662
18.15641	18.376571	18.5680956	18.9676876	19.3292115	19.5908154	19.5720797	20.7753677
0.94397361	0.92819217	0.91972372	0.88622958	0.86317472	0.84693374	0.85431508	0.77002342
19.0185904	14.553788	13.2339599	13.3922872	13.3454704	13.9961664	13.5823799	14.4877312
8.19003202	8.39041331	8.61823311	8.79536887	8.39866038	8.31972043	8.13099923	8.42182345
2.77842776	2.72902204	2.7081087	2.48814404	2.36421319	2.37382568	2.32863762	2.36067703
1.34207834	1.33337713	1.36917561	1.36492501	1.3727048	1.33028607	1.32712723	1.31622023
7.07866281	7.46952088	7.61828113	7.60344027	7.59959742	8.29674425	8.58553278	11.2037351
1.25639063	1.09671514	1.14432879	1.19871637	1.46129918	1.58598787	1.61392148	2.4040223
1.18232369	1.08995015	1.05613998	0.92311564	0.90794369	0.98670175	0.9463745	0.98364665
0.90311767	0.81793751	0.82803653	0.82140446	0.88460625	0.87837924	0.84296791	0.93268422
1.22782426	1.1943099	1.26841552	1.24137509	1.34625728	1.34276525	1.3318183	1.37066213
3.49644735	3.5493438	3.6428116	3.64455952	3.70943087	3.77564126	3.68255993	3.45686935
8.00221364	8.78128628	8.03301422	9.96825875	13.0394675	13.9539517	16.9950609	15.6806698
0.45438204	0.45062641	0.44620806	0.47044444	0.55497488	0.52659585	0.50235759	0.72303667
5.70848692	5.22640735	5.49388117	5.43101719	4.52436163	4.64854743	5.04710076	5.72011552
14.3381227	14.7145655	14.5462482	13.9645353	14.2096495	14.4120257	14.2654487	14.2277639
10.4420394	10.5405822	10.2207798	10.0451219	9.75399293	11.8521417	11.167303	10.6789832
9.38212374	9.33953647	9.77136082	9.85000057	9.52920699	9.23449786	8.85719964	8.76513197
3.70389807	3.59771815	3.67603407	3.67020152	3.51168862	3.41173814	3.39070545	3.73724327
3.37310916	3.39692689	3.52065481	3.48219114	4.88626965	6.43448559	6.1784116	4.48825017
3.99163925	4.11670778	3.76987717	3.82640795	4.4842218	4.51595004	4.63058254	5.09459872
0.70986383	0.74688359	0.73908472	0.74899952	0.76832665	0.79978947	0.80078108	0.7937922
2.26690351	2.23156522	2.25177914	2.38967237	2.49243866	2.57210208	2.67624207	2.87995765
0.73984631	0.74983954	0.7405369	0.80802751	0.82143733	0.86238657	0.84234394	0.8731598
3.1565202	3.21404838	3.28580647	3.19453575	3.28219211	3.48529235	3.67502072	3.83590122
4.85065164	4.75755159	4.76602118	4.762574	4.71112245	4.60889612	4.50910974	4.16588008
15.0849217	15.1846809	15.198418	15.309602	15.3593685	15.2889023	15.0238507	16.6413059
0.68405818	0.71028593	0.69957282	0.69122698	0.68023587	0.63094081	0.65033795	0.6898558
1.43859774	1.30242993	1.48541852	1.3116016	1.79249141	2.03151125	2.08561733	2.04569188
12.3616464	12.7740512	12.9220826	12.5634979	12.6893139	13.2349066	13.1594066	13.0138935
2.75931215	2.7841657	2.77820912	2.74027467	2.71645211	2.74603916	2.82699285	2.82038743
3.45654342	3.51586429	3.52923535	3.7043517	3.88164499	3.72061153	3.92759466	4.11141336
5.26998153	5.32815224	5.20842399	5.74196868	5.91125723	6.70374928	7.13775452	7.2216443
1.27874272	1.20076203	1.18937344	1.1855645	1.18692249	1.16537314	1.14189692	1.12550658
0.96518885	0.96105967	0.95070212	0.95188794	0.80483136	0.82319674	0.82619663	0.86568447
16.7305339	16.7829253	16.7865815	17.078952	17.5040176	17.5772324	17.4916251	18.8193901
10.3041871	9.68227778	9.7910723	9.78273697	10.3141683	10.926375	10.4239295	9.40620153
23.885485	24.6163357	24.4208259	23.9921107	24.4145121	25.1354065	25.1528731	24.5883448
7.69444254	7.75541163	7.79639246	7.86863157	7.9353974	7.87067988	7.7292442	8.03927633
0.58029824	0.61661086	0.61717281	0.59291455	0.56300976	0.62854549	0.71116919	0.71699343
8.42485577	8.50277114	8.19962633	8.14259278	8.26233235	7.97553379	8.14431731	8.22292628
1.95116376	1.61143898	1.53280558	1.17632492	1.85888427	1.87528534	1.83607547	1.76337608
1.69441269	1.65741031	1.63493985	1.63531546	1.62029341	1.60993264	1.54864956	1.53091493
3.12477619	2.98287444	3.18375618	3.02751169	3.04407098	3.19671939	3.07798942	3.22138457

1.52027952	1.6224125	1.58125396	1.49608043	1.64545949	1.65000308	1.78226089	1.81430861
1.07437138	1.05660312	1.06304473	1.08386326	1.12867604	1.4284189	1.4391539	1.45189474
10.7830523	11.1608627	11.0620368	10.7626207	11.0216527	10.9546882	10.691225	10.8357536
2.19800596	2.08152079	2.10901597	2.09530294	2.04722873	2.0409207	2.0259327	1.92871405
2.75226675	2.71853433	2.86591066	3.02037806	3.34390793	3.20104693	3.14388158	3.37304281
12.2367867	12.2985728	12.2716462	12.2313564	12.2772947	12.1945693	12.128654	11.6071078
6.08077019	6.13797539	6.08951019	6.07566653	6.11071718	6.18481471	6.18406129	6.14033759

1991	1992	1993	1994	1995	1996	1997	1998
3.8150041	3.98148433	3.76845981	4.02526521	4.21293891	2.75564606	4.31168851	4.32534973
0.9715017	0.83284938	0.77811814	0.72768873	0.70110188	0.74201459	0.77511194	0.79910187
2.52315723	2.35789295	2.57408468	3.28352526	3.68647017	4.31624252	4.37822739	4.59131731
1.09193964	1.09543836	1.29220532	1.60299059	1.91097474	1.84772862	1.5411474	1.39807781
2.75873586	1.89847445	1.94062557	2.19295272	2.10171313	2.02528137	1.7814123	1.85900609
20.1449452	21.0922306	17.5421277	19.7441327	19.9618589	20.4410357	39.574551	41.7318296
44.6084376	41.8926322	42.6056525	42.4862818	42.462455	42.4282641	41.0633468	39.4418858
7.76243235	7.71637062	7.66929953	7.73250557	7.71210299	7.82248348	7.86574457	7.88051168
7.11200379	4.07041739	2.29558652	1.62639705	1.87254455	1.59949981	1.84146148	1.86602268
3.68364115	3.64822986	3.52828612	3.67300688	3.70108852	3.58290765	3.63780898	3.61149381
26.8088976	26.5841983	26.4417243	26.4715774	26.6335841	27.0808137	27.5019803	28.4243261
10.8845134	10.0950434	10.0132035	9.98108451	10.2845627	10.7449963	10.6237795	10.6289205
8.96906571	7.40985306	6.46008081	5.6536459	5.48038099	4.74438132	4.62141075	4.64326516
0.5460342	0.5257216	0.52318685	0.51117404	0.52250561	0.53424134	0.53831937	0.52680436
14.3918958	14.1083239	13.8612717	14.5320445	14.5769458	15.0689557	14.6852539	15.0235336
0.76670548	0.76022503	0.73778614	0.77113928	0.70935057	0.84237177	0.8627456	0.84058375
1.30634034	1.2843894	1.27945386	1.28437789	1.28947335	1.29157174	1.30566441	1.30578788
1.17847732	1.16326963	1.13230226	1.12467673	1.14466755	1.13340328	1.12382427	1.09591472
9.83005812	9.38023128	9.33651218	9.00190597	9.19076835	9.34353976	9.07434908	8.78266835
56.1353787	62.7565433	65.1430552	63.4598918	61.6248913	62.3103205	56.2266967	56.9833966
4.60253285	4.00868984	4.03530496	4.32861997	4.84108555	5.27108066	5.26256085	5.89976064
6.80026842	5.38188746	4.77202607	1.64410336	1.69273534	1.90458859	3.33126966	4.17492954
13.2060523	12.0673188	10.6979728	9.39069427	8.55712613	8.60279702	8.62962157	8.50257383
2.5660241	2.50138763	2.37623565	2.34136291	2.20148631	2.05696051	2.41031359	2.39825077
4.18691062	3.36917549	3.69528173	3.6441745	3.64412036	3.69085421	3.76755271	3.83815162
4.49152415	4.58933995	4.79812861	4.98000118	3.86088088	3.76518651	4.24813726	3.83390127
4.60100229	4.66188163	4.74944607	4.85910671	5.01293929	4.97202715	5.04710148	5.06569248
3.16959749	3.11158179	2.9528977	2.89455896	2.93127212	2.89671144	3.24755653	3.48606916
24.1111778	24.2095101	24.673839	24.4696373	24.7877541	25.3844943	26.4189668	24.1581067
2.1650939	2.10363988	2.17749891	2.32691986	2.64415577	2.66382399	2.62519089	2.57902847
5.79428249	5.81258099	5.48975373	5.43768513	5.96659632	5.26269865	5.31693401	5.72371531
2.66974438	2.59414653	2.35797402	2.49242487	2.49163655	2.53283102	2.22712292	2.53668197
20.5689979	20.8961618	20.7965855	21.456369	21.7471007	22.0998434	22.3120455	22.3960719
8.44461423	8.3096073	7.83183731	7.59645325	7.64811032	7.67882362	7.44113378	7.62845403
4.22196071	4.29471347	4.41135651	4.61328239	4.90679208	5.33197002	5.71670756	5.6782969
3.37304636	3.43042047	3.55923803	3.67682617	3.97795316	3.95848086	3.95139962	4.00117151
0.83423841	0.81539877	0.79841621	0.83642362	0.85136749	0.91044686	0.96719377	0.92304486
2.40895401	2.25783969	2.13590476	2.01621877	2.00714901	2.04644023	1.96063362	1.95615441
0.64966438	0.63793862	0.64116617	0.59853445	0.58585981	0.5904599	0.55705989	0.55432299
4.28278623	4.19702104	4.21246691	3.58906929	4.3215227	5.42911577	5.49719772	6.41332975
2.16424266	3.11643371	3.1885907	3.29596507	3.06903707	3.14182076	3.27947435	3.44011517
3.89365116	3.93293963	3.98297167	3.94776628	4.0204327	3.95504194	4.08170537	4.08804839
0.71880652	0.69058109	0.68274934	0.67537898	0.67796706	0.68077088	0.67345441	0.69703004
0.6789754	0.74043439	0.72912331	0.70141541	0.75791867	0.71080375	0.73320236	0.76548273
3.12363744	3.41385226	3.33648008	3.37407093	3.14269074	3.04425693	2.97358969	3.05342305
4.92929041	4.28091369	3.86181888	3.96561768	4.02287291	4.2888096	4.480343	4.35107276
4.85466263	4.7474086	4.24626806	4.73857392	4.71218425	4.43578823	4.30091663	4.17252908
7.60179089	7.93881635	8.10916213	8.25935042	7.95230069	8.23639136	8.15521967	8.35466756
17.4361859	16.6725665	16.0430325	15.2936665	15.2013818	15.7015018	15.3703984	14.7689687
15.215168	14.3316764	14.080506	13.8377936	13.6861124	13.9901623	13.5076475	13.2621942

3.47850641	3.17342617	3.1844108	3.2148779	3.29628634	3.33549252	3.28885698	3.25468936
1.11900243	1.12011096	1.36253475	1.53789763	1.64818102	1.73723717	1.72513965	1.35609682
15.4726785	14.2614389	14.7152565	15.3827954	14.7424996	17.2417932	15.2882265	14.4600129
2.47272992	2.55846623	2.54047982	2.70250894	2.76042418	2.86108527	3.04594582	3.25407437
5.1378389	5.39512357	5.38832245	5.22747809	5.41598431	5.29418196	4.8951687	4.79859517
3.67539988	3.86028642	3.87515838	3.99055552	4.1485106	4.42746473	4.44772841	4.16775068
2.67123208	2.65435966	2.62014747	2.48875039	2.58774412	2.68609259	2.73585227	2.73996792
1.52655213	1.61458381	1.37247702	1.44683575	1.4844877	1.62603978	1.72721631	1.61518376
1.96421836	1.82874321	1.74455361	1.70816859	1.7664332	1.74466568	1.74039951	1.70517576
7.75737106	7.93877002	7.54014659	7.8347091	8.206317	8.02298946	8.57538106	8.77594798
26.3909709	20.032332	16.9459274	17.4831604	16.3035639	17.1816994	16.9086365	15.5882622
1.27538561	1.26346607	1.12410192	1.12937779	1.10948986	1.12995976	1.13441227	1.17822432
14.4624546	13.7362493	13.9487272	15.2627879	14.542006	15.7111723	15.2899639	14.7259461
2.85753856	3.00231328	3.16570061	3.25917607	3.26181579	3.30052512	3.30892019	3.24148292
78.9806355	73.4150095	70.3652729	69.1279556	68.0249819	59.8317844	61.4979458	56.5098832
9.85095209	9.55081571	9.12068609	8.98686413	9.13067827	9.39842981	9.12043582	9.28545073
0.97314729	0.97561151	0.98744094	0.99575809	0.99629467	0.99329019	0.99124365	0.98120297
20.0109571	20.7656683	20.8466123	19.9015436	21.6871275	23.8229289	21.4569448	24.3274076
13.46319	13.1109664	12.7268249	12.4744856	12.4076442	12.71036	12.3040265	12.0912603
6.26275246	5.18323504	4.39396393	3.24374413	2.78712595	2.56679848	2.45215015	2.34648484
0.70925848	0.72201546	0.71988012	0.72458872	0.72959095	0.74895361	0.75208996	0.83029067
7.45918977	8.73521224	8.76962021	10.1869557	9.89034236	10.0206591	10.2641047	10.7098262
1.27234366	1.13918928	1.12010557	1.12357345	1.11037089	1.19694512	1.08933479	1.11162992
2.52152344	2.36873153	2.46306653	2.5494715	2.4779721	2.53237495	2.60755706	2.6021737
1.06632321	1.01024554	0.9870044	1.0072605	0.99221822	0.9804387	0.94869168	0.94713755
1.66507943	1.62124178	1.60462416	1.59229027	1.60985152	1.59886046	1.57455531	1.56771626
0.43588114	0.42701075	0.45016672	5.78852726	6.36044769	10.1729285	14.0219309	16.7271308
9.55814531	9.63815443	9.5302994	9.66191385	9.96852124	9.96885498	10.0065094	10.3169021
0.96647754	0.97995687	1.04178621	1.13987274	1.06719397	1.10745925	1.35402533	1.24261788
1.09817574	1.0966721	1.09473729	1.09141821	1.08907803	1.08682758	1.08201925	1.07900313
1.44382523	1.53010416	1.59529017	1.59562072	1.67600392	1.63812426	1.66028669	1.79481753
3.46882438	2.86540788	3.39781177	3.11927276	3.36582249	3.44550731	3.4542846	3.62480377
5.30796441	5.34364812	5.55131408	5.86593272	6.33572196	6.39436186	6.65123991	6.52984695
7.31649373	8.08974889	8.17432424	7.02990904	7.00874465	6.48050624	6.10497397	7.29517238
1.80873769	1.82075006	1.72545148	1.83243327	1.85215573	1.86023561	1.83235464	1.86665927
5.41669362	4.87762788	4.89175869	4.7344479	4.89308812	5.11545485	5.43616414	5.45463738
1.03880177	1.07167136	1.01442484	0.93653749	1.02226835	1.03879199	1.08331091	1.08732674
8.7262967	7.72646235	7.80347908	7.76980916	7.6961377	7.94316459	7.81668339	7.77738745
2.2528697	2.3189276	2.37104242	2.42261438	2.54069035	2.6213596	2.69774787	2.65330827
1.62126861	1.62316278	1.62512728	1.6499195	1.68312095	1.6986226	1.72190999	1.71904561
16.1645778	16.1248242	16.2498553	16.5602769	16.6531564	16.9453666	17.1934781	17.7575374
6.57844294	6.89063752	6.77818998	7.34770207	7.25610698	7.43472609	7.51678007	7.14429532
4.38864465	5.79650905	7.19708216	7.59521837	7.37449067	6.64577021	8.25822761	7.17815562
17.0004517	12.6422514	12.9776373	13.3594847	12.5615291	13.5492602	13.1783302	13.6105192
6.23156886	6.39584168	6.69228969	6.90711978	7.09123657	7.25949588	7.25003094	7.16307749
8.91534763	8.83520659	8.70125399	8.61707967	9.07023229	9.0049018	9.08531325	9.26034587
3.75863786	4.05043643	4.07903902	4.05899635	4.156588	4.24844385	4.28028921	4.4373786
3.31808724	3.67616039	3.62074559	3.57322339	3.64675797	3.60982578	3.63654615	3.62952521
10.6584673	10.7024701	10.6480264	11.1038623	11.2233365	11.3056764	11.1353103	10.6754378
21.3530467	21.6943305	19.0694177	17.1810716	15.1029205	13.4757436	11.9389452	12.0895074
1.55032418	1.51830694	1.48653508	1.46392644	1.44438479	1.37394865	1.33353211	1.3295574

6.93103332	5.08411791	4.07295524	3.04317336	2.31094509	2.4533746	2.49345275	2.52841607
2.05161586	2.01837166	2.02253457	1.76791109	2.11714016	2.04298903	2.02097193	1.97287194
0.45878737	0.47623258	0.47627282	0.47977143	0.45110424	0.45196313	0.45590056	0.46045806
1.62993709	1.64826017	1.74888974	1.88237243	1.71257113	1.84077522	1.8999756	1.89492786
8.17800267	8.56088487	9.02481291	9.58019437	10.2347085	10.7907835	11.3178481	9.63521
22.5251985	23.967938	36.1838766	43.8375303	43.9500103	43.6769382	44.2726926	42.0379848
1.78893884	1.80654451	1.77477669	1.82729947	1.78032088	1.78511441	1.80642779	1.70683634
3.4074269	3.56346403	4.69570825	4.97100019	5.58567735	5.73724127	6.19982782	6.15210619
0.73803927	0.69370915	0.66063527	0.64013061	0.63362333	0.64013474	0.63802385	0.65191879
18.6336258	17.0516851	15.8661041	18.8389882	20.5011963	21.0284155	18.2374759	17.1938978
1.05502697	1.04976533	1.02732756	1.12002854	1.14214164	1.14584663	1.18020383	1.22986914
1.15591636	1.20564616	1.21195123	1.2807816	1.25859588	1.28355002	1.27870524	1.25006295
1.3227472	1.39425966	1.34436725	1.28857099	1.24058951	1.17756031	1.2067097	1.05754363
13.0451271	8.42012307	6.72663962	6.33111441	6.05105724	6.23141017	6.1449672	6.45688531
34.7503131	33.5880992	33.7855248	30.9930572	24.6710109	24.4729041	22.6616811	20.5842149
9.56051344	8.10804441	6.97122627	5.83452544	5.15792526	5.20783858	5.03737216	4.85426005
2.91970862	3.21878441	3.49369335	3.73637551	3.32406798	3.75310159	3.90794452	4.20842206
1.71340282	1.7432257	1.70597789	1.78739849	1.80854683	1.79886752	1.86270358	1.87674907
7.06563985	5.78318551	4.94397153	4.25583769	3.8036783	3.3913333	3.10043185	2.83314638
2.0052771	1.97141415	1.95230296	1.86364326	1.84278	1.78873579	1.74905481	1.72447735
0.60888569	0.63939658	0.71009857	1.30819613	1.53588537	1.53640008	1.36858181	1.50489162
5.2625696	5.18806462	5.23853454	5.42539305	5.12502919	5.24579651	5.42681851	5.61219753
6.47462375	5.82170844	5.93370015	5.8189876	5.7449173	6.53053094	5.92043965	6.30270928
1.47418749	1.42347069	1.40595239	1.41363248	1.42086871	1.42127635	1.39824879	1.43067212
6.5083854	6.36633644	8.04273167	7.18603661	6.77695736	6.57778778	6.91472103	6.60726975
1.59387424	1.66600075	1.70653676	1.74960179	1.80578747	1.75739175	1.68451511	1.6879617
12.9434758	11.7823776	11.1050968	10.1529382	10.4403917	9.79900723	9.83850265	10.0639387
0.62729561	0.6288745	0.61607895	0.61543892	0.61066437	0.60539067	0.51538588	0.61607303
3.36948358	3.84723193	3.80185822	3.68651113	3.64281699	3.68364785	3.74028146	3.77224077
2.22685994	2.30560872	2.72352237	2.72466094	2.68857255	2.63465323	2.67018017	2.67342776
1.79897335	1.85043485	1.94510265	1.96359838	1.99684963	2.04975176	2.04285445	2.18057669
0.63375762	0.64286343	0.64566013	0.64050075	0.64259233	0.65088185	0.65263295	0.67835245
5.58964325	5.68671245	5.59130308	5.88896193	5.85190151	6.40367641	6.84506673	6.43143835
4.53867767	4.37169745	4.19545003	4.18767081	4.12918847	4.11467046	4.14067887	4.18196917
11.9874872	11.8358529	11.7971553	11.8525996	10.7400157	11.6013767	10.6416635	10.1700847
1.35066189	1.35667178	1.39116184	1.38573738	1.3931066	1.41349685	1.43577999	1.44542362
3.00812396	3.17556187	3.13457017	3.29596344	3.51060294	3.95227201	3.63312065	3.27033459
2.12742377	2.28989564	2.38341199	2.41158533	2.25878764	2.2269226	2.33044232	2.37315785
15.1719216	14.9970609	15.115821	15.1433764	15.2430437	15.8681785	15.1533766	15.0637266
12.0002509	11.8611483	12.4042131	12.8947094	12.6935294	12.7343192	13.2610987	13.5152988
1.51240997	1.5470985	1.47780988	1.52880277	1.52387428	1.49777417	1.48159531	1.47425156
20.7689721	20.7728602	20.5933496	20.8741557	20.9756114	20.923795	21.3095955	20.6435413
22.4799234	20.7547708	19.3376723	18.239101	19.1400904	19.7663472	21.2579087	19.876362
1.83128758	1.86878874	1.92796548	1.91661187	1.95711775	1.9842211	1.98413638	1.97716095
2.98307887	3.2001443	3.18669229	3.24533945	3.30271757	3.24701734	3.1828353	3.55919487
1.96623796	1.95906205	1.99753478	2.01663294	2.16775768	2.25246742	2.21732028	2.19044762
1.5890659	1.5791997	1.60713832	1.66144764	1.79375566	1.83091785	1.90550283	1.77231668
150.331341	133.879316	133.258659	193.915069	148.202314	136.00985	148.886561	131.629158
0.95020963	1.02324044	1.02703236	1.0004809	0.96652298	0.96752026	0.93052045	1.5304662
13.1819543	12.7723717	12.6410657	12.434154	12.4282783	12.7864459	12.5203917	11.5305961
6.27934298	6.33611919	6.43070199	6.56881937	6.607285	6.64135307	6.77463737	6.84845595



7.82182456	6.92711422	6.36476053	5.72356275	5.25440825	4.74836174	4.59804661	3.88030337
6.02642823	6.3824501	6.23960128	6.43260356	6.73977885	6.60794305	6.84867038	7.2954687
4.50503745	4.60142826	4.91334225	5.0991339	5.36497166	5.23643804	5.19751513	5.11720523
4.86171912	4.94695571	4.94152177	4.02679259	3.76409279	3.66385035	3.75593504	3.79489122
55.6863899	57.990258	57.8816948	59.5015218	58.1101952	67.57382	96.5786044	96.5190448
2.47686405	2.21075704	2.50437624	2.51823613	2.49430771	2.51318225	2.4596717	3.06534276
8.39840033	7.68731953	7.3005892	7.17117546	7.423782	7.64373404	7.13249715	6.39983457
20.2315511	18.5605719	16.9682647	15.356768	14.9037315	14.49921	13.6073473	13.5745878
0.75810448	0.74838822	0.75483493	0.80596619	0.81791759	0.83146996	0.86724243	0.55048863
14.936778	15.3837508	15.5337971	16.0806024	15.5399167	16.1084175	16.0990127	16.5983244
7.18277648	6.52011661	5.77141971	5.3096361	5.93749306	6.75040531	7.37471572	7.42815616
2.34095523	2.47064536	2.52055759	2.69000045	2.64304415	2.66340621	2.67231276	2.71600504
1.30257474	1.30956502	1.29238098	1.29153858	1.2827908	1.30851344	1.32189922	1.34922134
11.5639995	11.4823661	12.9154066	13.4115939	13.461554	13.6820396	13.7956633	14.6807681
1.6020025	1.56189316	1.82710288	1.5643131	1.64716544	1.20004312	1.2404263	1.25267571
0.98232174	1.01765507	1.00543086	1.00037553	0.93664231	0.92377998	0.91744028	0.91049729
0.9594095	0.87056666	0.8849865	0.87256371	0.87019129	0.8818943	0.89558443	0.88916666
1.51567431	1.59392139	1.6177692	1.72982838	1.73999275	1.71204419	1.89450733	1.8625656
3.05440714	2.79101753	3.03879649	3.25200816	3.30042428	3.30589854	3.27960955	3.17986065
14.7824283	13.8315401	8.09206064	8.37351695	5.53823012	5.50686351	3.6362646	4.64529801
0.83316138	0.75657578	0.73554128	0.80900784	0.81823301	0.82929726	0.82315232	0.82464342
6.20949845	6.42177008	5.97002672	5.76845795	5.74586939	5.63365303	5.43967184	5.39134399
12.2842245	11.3677514	10.9881675	10.4310727	10.4133617	10.5317847	10.3846156	10.1855433
9.93640478	9.4064219	9.71207427	9.65738228	10.1368419	10.4796147	10.8479759	10.7649198
8.70771435	8.94883195	8.95416894	9.24119432	9.11145676	9.6794277	9.06741766	9.08804267
3.71937206	3.4709731	3.01536766	3.76122781	3.66036876	3.36225791	3.35591746	3.23326099
6.04650334	5.11249179	5.04487126	4.94181018	5.13797046	5.23843107	5.4764254	5.52072008
5.6066898	5.40397575	5.54678519	5.60757142	5.56375063	5.61335352	5.37554388	5.35823844
0.77605204	0.75752839	0.73472688	0.72887265	0.7133514	0.69839749	0.6862829	0.71393884
2.93038599	2.9567923	2.95042934	3.00941613	3.05061854	3.06287318	3.06656598	3.12460265
0.82559783	0.73253114	0.70801743	0.81587026	0.77585318	0.91877935	0.85854902	0.92373305
4.03068609	4.17455332	4.37255664	4.57316611	4.79357792	5.06235592	5.0954157	4.61545775
4.18582011	3.36943174	2.53227272	2.04740253	1.91848958	1.69435559	1.69725961	1.69316174
14.6561318	10.7295695	10.291457	11.2980519	11.0236882	10.4678854	9.74714509	10.5477985
0.78587934	0.73006318	0.73006076	0.79470868	0.80723496	0.83127484	0.80077263	0.91862404
2.09966097	2.19717291	2.20266556	2.60856692	2.29307216	2.4665303	2.56766075	2.62990044
13.1137765	13.2413886	12.9949215	14.3206736	13.8027769	14.6193634	14.4788664	17.4424544
2.88460891	2.95726177	2.95936421	2.87398345	2.87865835	2.94273888	2.95051908	3.05326059
3.97569874	4.08210493	4.12932798	3.98981049	4.23170891	4.51534743	4.67320162	4.67985863
7.67395131	7.987074	8.45715011	8.86204219	9.26261146	9.64747703	10.2821577	10.7494026
1.09972672	1.06836855	1.06649787	1.05701099	1.15690035	1.08269463	1.04286956	1.06540714
0.86971558	0.86247437	0.85787714	0.81756434	0.82085479	0.81525406	0.81282855	0.81862991
17.6945104	15.690139	13.9332254	11.8067089	11.5538151	10.0826614	9.73383519	9.31660293
9.94161493	10.47997	10.6324163	10.5954716	10.6261807	10.9819569	10.815587	10.6194839
24.1270355	24.274948	24.5071817	24.6600054	24.6309357	24.9676429	25.6942184	25.5442325
7.81679301	6.94887022	6.84283385	6.57756426	6.10798169	6.20689741	6.05424519	6.62220131
0.69220601	0.75220125	0.69624224	0.91653575	0.96799085	0.91456773	1.01725285	1.08878436
8.28033894	8.14081076	8.16890933	8.63631678	8.58066621	9.11675749	9.14898927	9.19354773
1.73006289	1.69936046	1.64142006	1.63713823	1.59313779	1.85569394	1.85483233	1.84786141
1.55715744	1.56725855	1.61648991	1.67281248	1.74205722	1.81294559	1.86208428	1.95277083
3.17288797	2.95526738	3.02887278	2.99179006	2.90069414	2.87586728	2.85886497	2.84607587

1.82685707	1.76739904	1.87600285	1.89606398	1.77980468	1.78014061	1.79670833	1.82645022
1.53007434	1.49668105	1.42703739	1.53757809	1.51325253	1.51460882	1.56822707	1.58013504
10.3893169	9.99310767	9.86466962	9.80953462	10.0538192	10.1952651	10.4625768	10.4568441
1.90109116	1.85675695	1.77149528	1.64237817	1.55984174	1.46653835	1.54297776	1.5169758
3.28649187	3.29966709	2.81898218	2.68600912	2.62683064	2.70479334	2.5766456	2.61084377
11.3765588	10.9204532	10.682388	10.6239316	10.7212596	10.9689283	10.7654586	10.6420765
6.0505354	5.94051614	5.86287112	5.83975475	5.90087047	5.92924562	5.91920444	5.85623265

1999	2000	2001	2002	2003	2004	2005	2006
4.29763404	3.82866091	3.77580743	3.95969246	4.39558287	4.46414503	4.77726264	4.8329295
0.82706699	0.6925356	0.58218853	0.67138558	0.6649556	0.63424955	0.62109641	0.60885692
4.50609834	4.07661678	3.81785061	3.58546973	3.47107175	3.62477595	3.39846484	2.9235618
1.30331148	1.61537946	1.61919439	1.13360139	1.38393189	1.30040431	1.28960767	1.19923794
2.24034362	2.29974514	2.35951082	2.56151191	2.62884303	2.70749112	2.59075448	2.62666787
42.1681931	44.5582302	45.1740895	43.6644933	44.0256343	45.6863689	47.4360679	45.4593894
38.3833572	37.1595867	39.0115959	37.4441298	37.2593759	35.7305928	33.9625954	30.969276
7.95840182	7.77872213	7.58432769	7.48199037	7.96312367	8.36258013	8.35686768	8.60712157
1.75669977	1.93588815	1.99416006	1.85854351	2.01789438	2.19061917	2.45570791	2.46503528
3.56760995	2.69360763	2.61681214	2.78612231	2.91740039	2.92644983	2.96612074	3.19273742
28.4611174	28.6644333	28.8667199	29.0034772	28.1943651	28.843339	28.5710627	28.3522658
10.3591906	10.3496297	10.9194743	11.0980447	11.7164647	11.6391263	11.6556361	11.3181461
4.72812785	4.90668412	4.78505955	4.7222377	5.01165352	4.96073151	5.25078536	5.39965621
0.45331552	0.45535608	0.43700866	0.4205122	0.41347397	0.42144823	0.42323255	0.43614345
14.6073164	14.7052095	14.6696249	13.8465426	14.1290106	13.9404605	13.564609	13.1424521
0.86812364	0.87592843	0.92559534	0.95999601	0.97858157	0.99074041	1.01862944	1.14227256
1.21747263	1.21301222	1.31290355	1.30864987	1.53179426	1.51084546	1.5123049	1.50090883
1.1216111	1.10967375	1.13626324	1.14415204	1.14692679	1.13495298	1.15742164	1.17725141
7.96999676	7.80756938	8.11751806	7.75437482	8.58939619	8.43428345	8.59756847	8.83490953
58.1704748	56.5532278	55.3498594	51.8433705	48.4893804	45.423216	46.2811962	44.6248182
5.32120381	4.22306592	4.15142578	4.39751767	3.42255732	3.58078556	3.47779523	4.13390045
4.27789572	5.25750871	5.12825826	5.41299078	5.51826588	5.91489977	6.11208237	6.69086631
8.28733308	8.05493557	7.96273474	8.00710636	8.1204357	8.58256167	8.6507345	8.99774158
2.3829967	2.03163694	2.05678264	2.05680227	2.11079549	1.97152727	2.0097158	2.27513613
3.87116977	2.77422061	2.73772943	2.99172564	3.06693182	3.08886047	3.2924513	4.01404233
3.67295288	3.52396111	3.28133973	3.35958227	3.40731579	3.49971601	3.50100891	3.5539501
5.07351018	5.1284567	5.13415812	5.19401121	5.2958324	5.50036922	5.48597223	5.45821393
3.59926546	3.11199344	2.96164653	3.0563434	3.15600901	3.12718429	3.16557663	3.29047358
25.1101046	25.5828177	25.7858628	22.8856061	25.3376828	23.5106288	22.2776278	30.7032263
2.54592307	2.4875301	2.41534636	2.38264591	2.35352859	2.29462763	2.45849526	2.56161994
6.00274777	6.11313104	5.69037257	5.36582633	5.16566435	5.06364607	5.34522663	5.16365368
2.43002286	2.43547528	2.4982976	2.19484836	2.43971856	2.23604744	2.37594365	2.34696696
22.552873	23.1122511	22.5826974	23.0937875	23.4681731	22.8980901	23.2578161	22.919264
7.61830815	7.47748409	7.6511445	7.38081179	7.50139756	7.5326985	7.56603858	7.41370874
5.82980228	5.53173934	5.34876536	5.31731514	5.38992279	5.66905131	5.64409776	5.66244158
3.93572209	4.08567317	4.21093925	4.44044532	4.95558174	5.58120662	6.19776181	6.75328884
1.01601034	0.98699239	0.97861466	1.00500706	0.90473943	0.93353581	0.96761605	0.95737798
1.95174737	1.98846752	1.94338607	1.82269804	1.81767498	1.75577572	1.71936519	1.63431317
0.52842868	0.56898377	0.50322373	0.47540331	0.48230936	0.47656887	0.47396603	0.46760066
6.35151509	6.71097971	6.09032908	3.88317596	4.27061306	4.47860786	5.31171618	5.65943603
3.39035128	4.11349459	4.05681055	2.4702905	2.23812601	3.20210162	4.8078066	4.95941483
3.72544097	3.8002104	3.76611219	3.68208887	3.64827962	3.61336834	3.65056132	3.57796563
0.72471537	0.76987334	0.75734438	0.75966489	0.78221735	0.7985293	0.78215315	0.81497449
0.7916633	1.21305896	1.26278612	1.32842383	1.17494783	1.24027447	1.69267311	1.79042918
2.91952264	2.78992817	2.78585951	2.74942558	2.81303098	2.83527335	2.79563285	2.85439817
4.35870365	4.3810735	4.21910871	4.08796269	3.9999891	3.90283814	3.90787856	4.02546806
4.01942525	3.61286323	3.46731413	3.64778826	3.72546344	3.39745616	3.46634619	3.73258543
8.49470431	8.61451936	8.37785408	8.45956434	8.99428852	8.79038882	8.74545518	8.70825086
14.0170419	15.4069808	15.4382541	14.9032154	15.2220546	15.2936645	14.9590048	15.0616649
12.7573652	12.7059296	12.8040825	12.5528175	12.5718652	12.3630584	12.0446144	12.1457493

3.28835757	2.60033642	2.55137775	2.55171386	2.58586056	2.52820804	2.45870058	2.40037603
1.73436888	1.65173008	1.65784876	1.58072715	1.68067993	1.73356925	1.71543555	1.76932691
13.8321537	13.0253619	13.29219	13.1016501	14.0952219	12.9171162	12.1876465	13.4674685
3.27845221	3.2887815	3.31888997	3.54087559	3.22244737	3.11603973	3.20955921	3.39971462
4.87264787	5.07745047	4.67572152	4.6030503	4.971633	4.85078514	4.94131324	5.11695404
3.81545861	3.60730089	3.85625279	3.81184352	3.89522356	4.09280687	4.07519093	4.17469075
2.86874377	2.80457557	2.94986924	2.98309396	3.00014516	3.14353093	3.33475355	3.43159059
1.61564281	1.60037984	1.52872724	1.46663385	1.44975585	1.42308666	1.37567433	1.30625937
1.67464412	1.79062816	1.71577356	1.60683343	1.53233721	1.4564928	1.39748958	1.35998524
9.32248033	9.69601763	9.53626601	9.81972007	9.89829766	10.1143676	10.280551	9.95092645
14.539388	14.7784332	15.0652507	14.5142787	16.1792741	16.613768	16.6236238	15.9805544
1.14316794	1.07919982	1.12614055	1.20313013	1.15720657	1.15673439	1.16733557	1.20904251
14.5312319	14.2112356	15.3298169	15.7208606	17.3096483	16.5316742	14.0189388	16.3084815
3.32296651	3.5201571	3.6882789	3.30406387	3.56548574	4.16418515	3.84530202	3.9918308
54.0422409	53.6862229	51.9690985	51.9507774	52.6825421	52.7102303	53.053088	54.4283063
9.11243996	9.06319669	9.08702144	8.92980332	8.93780844	8.9103687	8.86709027	8.58820984
0.97630761	0.97363549	0.98199678	0.98026949	0.97778372	0.97519658	0.96740352	0.96363774
22.5894572	22.6640599	22.1711693	20.9073046	22.7064557	20.4495002	18.7041665	15.6433138
11.7709516	11.7223475	11.8021195	11.4148441	11.5273451	11.3877598	11.1623788	10.965265
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0.85457169	0.8062696	0.81809813	0.86505678	0.82706601	0.80150575	0.81017878	0.87770983
11.0520541	11.4911046	11.7190758	11.8568534	11.9913882	12.9215833	13.2391	13.7459081
1.22203619	1.28643234	1.28210578	1.3084738	1.34078701	1.36499415	1.39060832	1.42121448
2.51273343	2.05750329	2.10541239	2.28944512	2.27290691	2.18291227	2.1890996	2.36630915
0.95217944	1.02202443	0.9826868	0.96795758	1.03071026	1.04217274	1.0325625	1.04414919
1.62884301	1.61381566	1.5718515	1.56541832	1.57651341	1.55854674	1.55458562	1.58316342
17.5856299	19.5511284	21.1444223	16.154204	17.1633665	22.0488586	20.6065424	21.3773658
10.3619542	10.8646458	10.8812532	10.9072778	11.1866917	11.1724597	11.343281	11.0136131
1.25901222	1.01957813	1.03041146	1.08210964	1.15012545	1.11505763	1.16777082	1.2648292
1.07352749	1.05745012	1.05730768	1.0507325	1.05302244	11.9164581	12.0113253	12.2862551
1.8100477	1.85963294	1.89065945	1.94195381	1.88320721	1.9031601	1.9580079	1.95854621
3.41398713	1.99633579	1.73431583	1.60307287	1.73263224	1.70343617	1.66372542	1.60468992
6.65700889	6.24226222	6.20055893	5.97535616	6.26988311	6.15048043	5.79751454	5.52435199
7.66172182	7.00024531	6.91873434	6.73503504	7.24377552	6.65930304	6.97597861	6.86686188
1.73193839	1.75391851	1.87373136	2.00577861	2.1774854	2.27846623	2.10974591	2.21561699
5.72753118	5.64859839	5.92310444	6.10078838	6.46441839	6.60142334	6.60830609	6.72179461
1.09034287	1.12911849	1.12341977	1.14083417	1.13087321	1.10673893	1.1099869	1.10920361
7.85086116	7.58130894	7.77075454	7.61218185	7.89608351	7.81844128	7.90142171	7.83893988
2.67529372	2.66093085	2.73606641	2.73769469	2.84043072	2.86560076	2.86485262	2.97594479
1.75336894	1.75248298	1.74460517	1.74061488	1.75742476	1.81992604	1.8537329	1.91492382
18.6192492	19.3489291	19.7231056	19.031065	18.6408498	18.0376668	18.0430127	17.8087807
7.41425944	7.74365185	7.71458058	7.85424805	8.44303246	8.74245911	9.25061976	9.79956334
6.4928657	7.14344443	7.50559824	6.82341139	5.94102866	6.49932598	6.09885498	5.93485896
13.6933943	13.9498285	14.2148093	14.7715526	14.5388855	14.6719036	14.3747405	14.6621808
7.14814168	7.47389722	7.32694522	7.5303681	7.58137826	7.43298147	7.05350851	7.20684596
9.38227283	9.48695843	9.38970375	9.50445162	9.78662676	9.89790747	9.87031697	9.62174958
4.51069103	4.49281389	4.48403784	4.43645788	4.54514434	4.50608957	4.47383508	4.95367676
3.59691867	3.86529873	3.84143123	3.94859126	3.99158514	4.17904844	4.33787836	4.23998474
10.8956757	10.9078465	10.7209672	10.9241116	10.9437985	10.8583147	10.9198397	10.6801616
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1.38373983	1.31261349	1.30676316	1.34306246	1.34528294	1.43305008	1.46244171	1.38958176

2.25164815	2.21700724	2.03282178	2.23945576	2.3664778	2.34317833	2.34473447	2.29417297
1.96233505	1.86950357	1.88911285	1.869217	1.99018798	1.92756155	2.06171742	2.14380359
0.45618996	0.62078014	0.57639384	0.74214699	0.74380818	0.75326376	0.91170337	0.94642991
1.88104933	2.07294385	2.07577522	2.20863549	2.23298737	2.34081409	2.19404783	2.28712043
10.3878404	11.3648223	11.3816226	11.4506471	11.4282911	11.8245574	11.77181	11.8753479
40.5437905	42.9388462	42.6235849	43.4375023	47.6939073	49.0531541	52.7101422	51.9302363
1.68070044	1.83362225	1.87955343	1.9026335	1.93381675	1.99223189	1.92989342	1.99884087
6.24415133	5.61364634	5.82852333	5.5909444	5.38918231	5.26994947	5.10881218	4.93438476
0.67420964	0.72324812	0.71266815	0.71390521	0.72821511	0.74814325	0.79802631	0.85088538
16.5928551	17.1278818	16.2112114	15.9995443	17.4911835	16.9773535	18.0213259	17.4634814
1.29527409	1.35995916	1.37907994	1.32065413	1.40333402	1.36446134	1.37550277	1.43172212
1.34123467	1.39081033	1.34820303	1.38453673	1.46078591	1.40757662	1.53707284	1.46514492
1.36125476	1.42385669	1.41595089	1.33282018	1.34008237	1.32721889	1.40144129	1.36957991
5.68005856	5.26592996	5.5044589	5.69864572	5.77656193	6.09620419	6.47710678	6.64890672
21.2390987	22.4578782	23.4572756	24.8081875	25.5152346	28.4153413	28.5235364	27.6366608
4.60296488	4.27488775	4.57527067	4.65432727	4.85729201	5.00164537	5.18306654	5.56057723
4.34635095	3.59785432	3.76728148	4.02528458	3.98025289	4.48786084	4.41069951	4.29255188
1.9368337	1.96353865	2.0725645	2.10275718	2.09782164	2.26934104	2.31285738	2.33283256
2.50333941	2.34983708	2.40415653	2.46440329	2.60785263	2.61218769	2.69727951	2.66058571
1.68004925	1.63944984	1.46894246	1.31858279	1.33760482	1.32955596	1.4227969	1.39643483
1.48213243	2.50847622	2.19424705	2.56625927	2.16091622	2.6489048	2.41314611	2.84183465
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1.45459295	1.50160952	1.54383987	1.57991602	1.60944011	1.61055037	1.64441206	1.60643534
6.65930938	5.90774611	6.80086205	6.32160224	7.03280392	6.98060092	7.09484085	7.22566179
1.78546196	1.80534495	1.80094196	1.82683189	1.93043494	1.97665845	2.07280011	2.14999709
10.2630684	10.4879544	9.47735898	8.52963565	8.17282379	8.05652749	9.76546833	10.9416586
0.57486008	0.60043877	0.61969805	0.64400784	0.64896708	0.65880598	0.70097182	0.67117485
3.91626482	3.37236966	3.4059746	3.45147976	3.4454527	3.34739367	3.32787299	3.44015795
2.66890507	2.14384908	2.13688525	2.20220331	2.21417089	2.18371747	2.15606504	2.32856227
2.51466152	2.73554604	2.84251634	2.81675855	2.87136373	2.89691079	3.01100345	3.61139213
0.68171272	0.71521091	0.69161876	0.6763651	0.67392952	0.65961905	0.68587476	0.69982388
6.68817839	7.07165985	7.25694055	7.48796149	7.87371035	8.31311607	8.62470768	8.76033881
4.16578001	4.39144689	4.57232364	4.25070039	4.32181305	4.34181305	5.17704419	4.40427244
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1.44763757	1.42843717	1.44126623	1.45068413	1.4621125	1.47206284	1.47187786	1.46879777
3.08826752	3.31273502	3.29098451	2.8054514	3.01341739	2.87750516	2.75327065	2.4982061
2.52971063	2.58776894	2.59696792	2.61584354	2.7229279	2.67261336	2.64987023	2.72624764
14.3179299	14.1322676	13.9871171	13.8248786	13.9043925	13.9810853	13.5239651	13.2460464
13.781842	12.6413403	12.774827	12.4909786	13.2499711	13.3227546	12.6596436	12.7454258
1.47673539	1.44470905	1.44983502	1.41002692	1.42960514	1.39262501	1.40408027	1.35244527
21.0419181	21.0590774	21.4384967	21.5757495	21.6379676	21.3269418	21.1611061	21.0388064
21.9141655	22.9542703	24.368696	25.0863933	26.6215751	25.2826198	24.7646648	26.695183
2.02597912	2.01660618	1.99139281	1.98703493	2.02692522	2.12002743	2.13276461	2.22906977
3.23265355	3.22472031	3.64915814	3.35558646	3.32223303	3.26495678	3.7409618	3.81259515
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1.80026063	1.77335818	1.72004706	1.71925382	1.7204105	1.72532885	1.73958709	1.62536845
137.779316	116.877139	127.977707	77.1462243	91.1131528	80.6332107	92.6057839	90.0799078
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11.1754045	10.7615896	10.6066292	10.4148927	10.6957497	10.7104392	10.7246737	11.0945109
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7.94857279	7.81037508	7.63836552	8.02824975	7.50713612	7.63018582	7.88074183	7.41930913
4.91677281	4.69228035	4.70649786	4.46797497	4.72865579	4.49026698	4.45333695	4.69696864
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14.0130811	14.2701141	14.3825162	14.3992253	14.9171879	15.0678508	15.1425359	15.4426703
0.55082253	0.49632733	0.4971204	0.50896956	0.51606208	0.52491757	0.52299708	0.54099213
16.3231316	16.8665215	17.0100672	17.3580012	18.0564899	18.4969828	19.1194537	19.5593979
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1.42014533	1.37276966	1.41999643	1.39147814	1.35142301	1.39158544	1.42705467	1.41204033
13.8097766	14.6258319	14.6232726	12.4429717	11.7217512	12.0069188	11.2065282	10.9711975
1.31035056	2.78553008	2.09158164	2.17880564	2.38393614	2.78666823	3.02126938	2.77474516
0.89780262	1.0026581	1.02838184	1.0370432	1.03699449	1.0437139	1.05682716	1.04530063
0.86500069	0.78467013	0.80348097	0.83861973	0.84050861	0.86506128	0.8905139	0.96209734
1.86621525	1.76628448	1.85102385	1.86818426	1.93465847	1.99342633	2.02934209	2.10124279
3.14562087	3.12583879	3.08919424	3.05990157	3.02881497	2.99576766	2.97717224	2.80968329
4.69351001	3.73862627	3.69681737	4.1185226	4.68393851	4.47522787	4.68274355	5.07507002
0.85299994	0.82835742	0.80569187	0.86298842	0.91534463	0.96550723	0.99646238	1.0206758
5.1413235	5.33378676	5.31706774	4.05569147	4.46987859	4.71068815	5.20433448	4.87106477
9.97049523	9.53708894	9.63720548	9.58153469	9.71970655	9.65478929	9.67273896	9.73435635
10.4170071	10.2673571	11.1750831	11.5519597	11.456006	11.7269521	11.7954465	11.8157813
8.9517761	8.51336731	8.47352737	8.64614629	8.64940143	8.46733712	7.85103314	7.85275242
3.37818296	3.06586798	2.90342336	2.90559975	2.92456842	2.93411306	2.88010348	2.77427202
5.60860748	10.1668607	10.8558286	9.70379959	9.57089384	12.9262245	11.6555304	12.6248111
5.17299083	5.17677652	4.61957033	4.27817699	4.22233082	4.18312632	4.72329469	4.66255616
0.71412251	1.36172838	1.33685742	1.62772236	1.3923838	1.43224099	1.60865139	1.86731243
3.17874583	3.19719397	3.22663666	3.27438837	3.37990136	3.59124383	3.65549771	3.68814374
0.99614668	0.96541184	0.93692234	0.94539581	0.98529505	0.96567645	0.97271494	0.94176358
4.72502252	4.66886933	4.8207454	4.96794781	5.16536755	5.46308402	5.62023728	5.66599934
1.64272023	1.69010878	1.5822878	1.68529084	1.55096611	1.83731609	1.72309338	1.78439651
12.7798313	13.217249	13.4188326	14.6598834	16.5324263	17.1893517	17.0776984	17.7101946
0.91238145	1.06204993	1.16275707	1.10118938	1.25991565	1.75541467	2.0805121	2.20748893
2.63786053	2.1347673	2.08082895	2.17740681	2.36757053	2.21397937	2.29625337	2.40310682
17.8650889	18.509244	20.6708664	22.1863746	25.2398838	26.7021937	32.03396	35.071275
3.18129252	3.2609593	3.33188512	3.2797078	3.22553629	3.35756918	3.4498514	3.55365884
4.63418293	4.96821518	4.55540827	4.58490196	4.72532613	4.71448617	4.82820099	5.28450928
11.144376	11.8777215	12.1838613	14.5802912	14.9915288	15.512832	15.1572121	14.6248471
1.13470495	1.13345492	1.1225846	1.14635214	1.1589849	1.16425715	1.18025577	1.18285819
0.81473911	0.80783929	0.80493252	0.81146461	0.8161939	0.81021782	0.82238993	0.82565782
9.3488428	9.30650589	9.36953151	9.53382667	10.2950246	9.81478811	9.63067811	9.64734084
10.9134698	10.2986895	10.1525792	10.3737594	10.6636092	11.2934885	11.3372475	11.921511
25.2588619	25.545279	24.9905994	24.164322	24.1883228	24.3058157	24.1372727	23.5430634
6.46725064	6.74542308	6.89271705	7.22698566	6.69219926	6.67532683	6.62463292	6.95766478
1.09977694	0.85935935	0.92081228	0.98778072	1.02357036	1.06808125	1.08909818	1.16119682
8.84031259	9.07470088	9.15406005	9.0395392	8.68695534	8.93010511	9.11206824	9.06312431
1.82217601	1.92512636	1.89672057	2.01774357	2.13827597	2.13688229	2.16431007	2.42446697
1.99457483	2.04648108	2.08489551	2.23892151	2.3204433	2.56536189	2.68637588	2.74087014
2.85512754	2.85866451	2.74250278	2.67088109	2.75523504	2.59808569	2.5762985	2.51452976

1.82076979	2.08285061	2.23655069	2.2663873	2.28809335	2.26493724	2.29270601	2.28281778
1.70239867	1.81405048	1.81619242	1.78277506	2.00045376	1.99366091	2.14644112	2.30152592
9.91293181	9.86805506	9.96527588	10.135901	10.5674957	11.149036	11.2621085	11.2217087
1.47647269	1.40812646	1.40670713	1.3535848	1.33742871	1.31594516	1.33764012	1.32742092
2.84328634	2.65669614	2.63964364	2.40138136	2.12010385	2.03132758	2.106421	1.99471806
10.4482211	10.4611013	10.5048491	10.4330194	10.6103352	10.5810009	10.4640435	10.4318535
5.81803859	5.88841565	5.85994	5.85646228	6.02036707	6.18974749	6.3140276	6.41352624

2007	2008	2009	2010	2011	2012	2013	2014
5.16078915	5.0795151	5.42320043	5.19658231	3.33497482	3.95001202	4.26464309	4.52303497
0.63332355	0.73705197	0.82356098	0.93520883	1.04402948	0.94123812	0.85890124	0.83705148
2.74318266	2.80709667	2.77522573	2.97833377	2.82956433	2.81382861	2.89263871	2.87125794
1.14170039	1.36766309	1.70399586	1.96902372	2.09248011	2.06923874	2.18402497	2.15851311
2.63798158	2.59439707	2.61274483	2.73699888	2.89721397	2.79427631	2.88611466	3.04704429
47.8483381	45.994414	42.2703747	30.0810483	37.9411841	37.9144317	34.426165	37.5141097
28.599094	29.0694478	26.2861028	25.356194	25.0683998	25.4753789	26.4772656	26.6626767
8.74213425	8.68918919	8.03021388	8.04066794	8.11046445	8.19383204	8.30715256	8.2031286
2.75174493	2.93878626	2.51247697	2.4343218	2.65398246	2.95016438	2.95138225	3.06109194
3.35599112	3.50624089	3.81323555	3.66418373	2.91282374	3.02791394	3.33934599	3.51311886
28.2959203	27.7091867	27.5766259	27.3327893	27.1368033	26.8775304	26.3229353	25.5608435
10.9048852	10.8251913	9.88638436	10.5748049	10.3072024	9.84218011	9.86844499	9.38469548
5.39352732	5.84761767	5.15017356	4.97588715	5.17751426	5.44541056	5.50745439	5.62950339
0.45544278	0.44267419	0.45222409	0.47228977	0.48519809	0.46886694	0.56126571	0.53777777
12.7919456	12.8643021	12.082039	12.76422	11.7379	11.4947174	11.551532	10.8753821
1.19429979	1.17473315	1.20175607	1.26372565	1.23938984	1.20195741	1.24849124	1.2696697
1.51994524	1.544654	1.53105525	1.53283616	1.52884848	1.53446027	1.54529398	1.51082435
1.19589508	1.2533181	1.27449314	1.31534478	1.33244133	1.34855865	1.35094043	1.3774866
9.39626871	9.03411798	7.98602823	8.418615	9.23454078	8.5686128	7.89257264	8.30486739
42.3589675	42.4985605	40.4642666	38.91929	38.0683787	40.319924	43.3279685	44.0190569
4.72224544	4.80648355	4.04751166	4.41277894	3.19101679	3.59316979	3.76289499	3.83624522
7.03352638	7.44151634	7.41768083	7.61336662	8.57255597	8.08969237	8.1355943	7.81350614
8.88672677	9.71870426	9.45742271	10.0204479	9.74451194	9.91414847	9.9643413	9.89660072
2.31530681	2.29127109	2.42619789	2.49792576	2.34887556	2.21129331	2.35635784	2.178656
4.7421297	4.79054283	4.26522935	5.3063671	2.83342107	3.24066507	3.58654685	4.82713735
3.70917444	3.76790327	3.85000946	4.12649656	4.13765081	4.24346216	4.35098833	4.38150182
5.4883238	5.5775806	5.39473736	5.73932623	5.86675431	5.98105978	6.1050508	6.20986034
3.15910201	3.64051431	3.60172003	3.6506383	3.13455016	2.97942533	3.26844176	3.03782598
28.9543877	34.1615529	28.8369481	25.7973712	27.220687	25.9901378	25.4506979	25.5861596
2.55254521	2.51968939	2.72314662	2.83982656	3.10493063	2.9643897	3.07239153	3.08091963
5.20410429	5.26407759	5.08165593	4.91665519	5.02611924	4.53486027	5.36885923	5.80367303
2.54005839	2.50536948	2.32756425	2.4457008	2.63425681	2.56448656	2.54274432	2.51575338
23.3314553	22.2953265	20.8295577	21.2072761	21.490353	21.1592885	21.2285051	21.3572802
7.07096796	7.201624	6.88150327	7.02328486	6.43025263	6.5183658	6.59233023	6.070996
6.07500815	6.31580022	5.98266356	6.04316896	6.59220516	6.76053835	6.80332035	6.30116013
7.16463385	7.28539345	7.69867562	8.28301194	8.95766874	9.1635741	9.50435341	9.56435104
0.94487822	0.96123261	0.91180131	0.9578891	0.9657108	1.06363174	1.09678022	1.11082483
1.63616896	1.58042355	1.57809012	1.5167103	1.4575165	1.45490682	1.50920964	1.5721189
0.46827552	0.46289739	0.44852853	0.48145204	0.47872022	0.55955038	0.59195637	0.62436933
4.70030455	4.49683607	4.74432057	5.01038497	4.67438121	4.38509224	4.15295071	4.13864139
4.3838723	4.55637326	4.19104537	5.19495115	5.86024557	6.22099273	6.58824433	7.05240789
3.64146681	3.62203798	3.68857167	3.7613319	3.79719729	3.71236772	3.88736903	3.84698352
0.71316458	0.70565857	0.73996403	0.76207474	0.73288863	0.73200976	0.76449263	0.72571557
1.93038985	1.87034417	1.82914262	1.90437803	2.13521671	1.87411208	1.82134239	1.87148336
3.07666357	3.07198316	2.98987917	2.98293469	3.09474196	2.98712802	3.03148151	3.05357526
4.11532289	4.07126657	4.12901749	4.17933249	4.16509416	4.25954636	4.28051431	4.08613767
4.46443083	4.83293534	4.65322268	4.91395957	3.96651937	3.74954422	4.14644691	4.36216325
8.84431486	8.88598449	8.56742103	8.50240786	8.19246217	7.58721404	6.89888967	7.18817409
15.1478795	14.4452157	13.6830059	13.7936879	13.5171824	13.088687	12.6422645	12.4489069
11.8313009	11.8518913	11.0700915	11.65126	11.2897076	11.4070605	11.5906444	11.0753916



2.39522076	2.47109932	2.30158191	2.35730629	2.11800208	2.30493794	2.37143527	2.34403137
1.95510777	1.91047868	1.93103319	1.96501207	1.73456093	1.66536812	1.73432436	1.83039412
12.5827818	11.8459491	11.3731999	11.3797358	10.3727823	9.45102375	9.79953133	9.02240655
3.46959746	3.45378144	3.37142456	3.46563931	3.45504991	3.49515466	3.4219603	3.43069791
5.03285013	5.18552281	4.98966911	5.11995274	5.20465797	5.53561902	5.55423173	5.77517906
4.11973286	4.12218266	4.34370212	4.52668542	4.49328637	4.43751391	4.57481112	4.6043654
3.54258573	3.51649993	3.5435968	3.47311969	3.51649866	3.60860403	3.46131322	3.43990098
1.33115689	1.2935356	1.28496594	1.26003798	1.29971912	1.29083658	1.27217509	1.25809146
1.32664175	1.33053094	1.30576409	1.28749335	1.2487421	1.23873643	1.21910308	1.19034351
10.1802461	9.28116624	8.35527174	8.01999724	7.99052076	7.8493183	7.27159816	7.25485006
18.8652266	17.5234013	15.0515019	18.8370141	19.0337625	18.2976835	20.1290378	19.5531822
1.29154044	1.31845349	1.33744243	1.36384451	1.32391784	1.34317862	1.36052942	1.38571746
15.8904849	14.1357274	13.3897063	15.1699923	13.5779775	12.3943496	12.5014567	11.7139394
3.79650762	3.24587678	2.92470898	3.64001563	3.08321241	3.01901547	3.21889825	2.86298745
55.6588885	56.3931948	57.2670607	57.5042812	56.0267624	56.2729159	56.7237447	56.7392739
8.44357555	8.27239082	7.99366714	8.1049833	7.78680691	7.78442539	7.66689756	7.10646769
0.96368004	0.95847765	0.96196932	0.96040072	0.96532071	0.96967538	0.97015155	1.00698228
13.1129774	13.6835644	12.8731208	12.7838155	12.1769895	11.699832	11.1833851	10.9300357
10.6320071	10.1556508	9.19507996	9.32886808	8.572962	8.85148737	8.60473623	7.9383634
2.91218443	2.6790164	2.94169485	2.83544378	3.22064434	3.55420982	3.83677674	4.08713826
0.87824557	0.92393887	0.94544089	0.97297026	1.07354766	1.15837937	1.21073138	1.18942722
13.5635049	13.7584311	14.9122811	14.9050542	14.3372442	14.5304561	15.3775161	16.401444
1.43890729	1.46982042	1.50306291	1.71390854	1.75996799	1.77314762	1.76839294	1.79034014
2.45774063	2.47905697	2.60228595	2.87499581	3.08624608	3.08348611	3.09069603	3.10234194
1.02977855	1.05947681	1.16235903	1.16120675	1.01385124	0.99322418	1.00601343	1.03001887
1.60877005	1.62857557	1.65838216	1.68340082	1.64861613	1.67528457	1.68653283	1.55597612
21.857704	19.5557092	15.773546	15.7553208	14.9453669	14.275458	12.9046735	12.4502659
11.3509062	10.9179316	10.375693	9.74577394	9.50072836	9.12421341	8.48542814	8.27536627
1.35657373	1.43793122	1.50513235	1.61786582	1.35175094	1.37802644	1.63965472	1.52047928
12.1268137	12.4809371	10.9873799	12.6410179	13.3956062	10.8147986	10.852656	9.8212119
1.99443756	1.91235685	1.96391936	1.92875884	1.9273501	1.95046129	2.01427248	2.0793824
1.63529477	1.65568314	2.04354217	1.99480512	2.05695823	2.0577235	2.00172957	1.96326919
5.97360522	6.10954753	6.22404678	6.51883448	6.66148608	6.91297564	7.04182182	7.34505336
7.13057107	6.90475966	7.1625878	6.70723518	7.09767456	6.98665623	7.16377301	7.31640622
2.33208926	2.32072314	2.27482394	2.23835458	2.34626955	2.38253816	2.33446398	2.34196694
7.13802862	6.87389555	6.47878689	6.35058784	6.31497479	5.93552291	5.8880435	5.75376445
1.14721664	1.14106094	1.14045293	1.18956122	1.22665793	1.20944948	1.21849892	1.23138804
7.59840749	7.37529641	6.75174983	6.818098	6.76536883	6.40312938	6.15254922	6.17962901
3.04358091	3.01793622	3.10983207	3.22438303	3.58402459	3.61613463	3.43152072	3.55614809
2.00760215	2.07170236	2.16448695	2.2320572	2.3046742	2.41967009	2.42140701	2.52760751
16.8880444	16.2723478	14.8107822	14.4032078	13.4161863	13.6219184	13.4293925	13.4441854
10.0230384	10.1230459	10.2892391	10.3002224	10.2889397	10.0302159	10.1619596	10.2844869
5.44735926	5.89634181	6.26973724	6.84598689	7.05626173	7.73208738	7.83247858	7.5852976
15.4817459	16.1871365	15.9367951	15.5221417	14.9507626	14.8350208	14.8912778	14.0581467
7.27739272	7.20158918	6.88646579	7.22647809	7.07118448	7.49310389	6.64345558	6.30846556
9.46893389	9.17805351	8.29107909	8.46066103	8.26276145	7.95430511	7.40659236	7.07600062
4.889008	4.0011157	3.32103323	3.16861705	3.13177376	2.91431111	3.06706226	2.96801713
4.24019526	3.99503613	3.87740448	3.64138371	3.55844134	3.84724613	3.6222392	3.70382964
10.944158	10.3463416	9.81518141	10.3010884	10.692504	10.9889428	11.1288314	10.7350334
17.6888362	20.3033095	18.3459626	19.3854615	20.3455082	19.8927762	20.6621122	17.2945024
1.87119171	1.94140271	1.8623042	1.89869161	1.86755904	1.78060246	1.74081554	1.74710462

2.52671119	2.75570031	2.69333091	2.60161772	2.93142913	3.27599356	3.20614913	3.30971687
2.19180465	2.21341843	2.28110627	2.2829777	2.33640799	2.27626106	2.22861137	2.30944905
0.88604458	0.94445753	0.82155196	0.83983538	0.78803583	0.76862625	0.79927834	0.79461027
2.43322052	2.51514408	2.68805759	2.82006059	2.37996994	2.23931012	2.42824546	2.50561313
12.1227202	12.2453138	12.3898868	13.399805	13.9408702	13.9859629	13.8666849	13.7205655
47.7464283	46.832847	43.5415521	42.0171894	41.7030073	40.3931573	38.8043962	36.4876861
2.05136677	2.13004365	2.25692182	2.36383785	2.33225144	2.47517482	2.53668374	2.64567566
4.61981061	5.435141	6.16140904	5.74025361	5.54992328	5.74261554	5.32161974	5.38779653
0.78486095	0.75014396	0.75911768	0.80570813	0.81680747	0.82821051	0.79859513	0.85758836
16.1070742	16.5967262	16.3659891	17.1850906	10.1009375	16.0574236	14.6245554	12.9554126
1.479023	1.52050559	1.5697383	1.67079824	1.44041788	1.4823028	1.60475661	1.69201807
1.47221522	1.52580327	1.44631018	1.54072479	1.64731859	1.73427009	1.61596793	1.64379537
1.42391366	1.34336557	1.37997843	1.36340732	1.36262785	1.3738676	1.30375782	1.28289887
7.40298371	7.72594697	6.87074746	7.27509654	7.66158898	7.88082286	7.47824516	7.59505437
25.8768621	25.0734132	23.2879146	24.0231599	23.1676745	22.166851	20.6887415	19.3690142
5.86291951	5.64428071	5.37658259	5.94282473	5.7750763	5.83651384	5.79928604	5.79856078
3.99667454	3.26416705	3.3854709	3.35249254	3.22323989	3.2490901	3.29475803	3.69289588
2.33595843	2.42501715	2.39602044	2.4862923	2.61641693	2.66186678	2.65055589	2.65728206
2.63799882	2.56792972	2.53504089	2.80514113	2.85988582	2.76982297	2.63160359	2.77025518
1.38600405	1.37107971	1.34791773	1.3379607	1.30777328	1.32929268	1.26839921	1.29952815
2.90940918	3.08346876	3.09368057	3.21926986	3.38319723	4.0912156	4.44265519	5.76702898
5.88678682	5.84677622	5.65217723	5.71091081	5.73548526	5.79728811	5.6570772	5.49495229
6.20844429	6.12750638	5.59568993	5.67029456	6.22866657	5.93166591	5.5099373	5.28254667
1.65066794	1.69072932	1.72881727	1.77299166	1.77113312	1.78650916	1.8376658	1.84679026
7.39699879	7.43888816	6.92880738	7.1173614	7.13896344	7.30172447	6.46415686	6.41511212
2.17868297	2.13889181	2.13569813	2.16055698	2.12324049	2.14536808	2.18980935	2.27397933
11.8620125	12.0748351	13.1764924	14.1028794	15.8727811	16.0074931	16.5629688	17.3538926
0.67926719	0.64255311	0.58822353	0.60765431	0.78487215	0.88172746	0.91327396	0.9347362
3.26635732	3.11657514	3.18374185	3.15746592	3.17268166	3.22066729	3.13695381	3.21241132
2.44115205	2.48440743	2.68816525	2.86860724	2.97901872	2.99123644	3.00279465	3.02077024
3.70347928	3.78651922	3.77123403	3.99232397	4.00410657	4.08590997	4.20297613	4.35913995
0.72329611	0.74031338	0.72977324	0.75425379	0.83434453	0.82743542	0.7834209	0.77668733
9.26117689	9.54174202	8.75074793	9.12615454	9.03549906	8.92887906	9.37826727	9.69314832
4.36748471	4.73586713	4.6471512	4.57215879	4.54949667	5.01949494	4.71624034	4.91279526
12.5830554	12.0401932	11.9313675	14.9219304	14.8956552	14.8107061	16.0581445	19.1519489
1.47357735	1.47804994	1.48806546	1.41958454	1.41273415	1.45904927	1.47738949	1.48930438
2.28263972	2.25240449	2.08276145	2.18091926	2.25987375	2.22588637	2.19934427	2.20086312
2.7346383	2.67517288	2.65343698	2.69249999	2.83512825	2.88610305	2.86308342	2.95084062
13.2018878	12.8801888	12.4842367	13.1416571	12.3166173	12.109236	11.9442227	11.428025
12.8942382	13.1048683	12.3158994	12.806533	12.3417216	11.8389871	11.8340452	11.6691683
1.39075794	1.40907312	1.43635485	1.47276287	1.50853148	1.49960265	1.53600589	1.53724255
20.5130371	20.2137949	19.5080635	19.3837046	19.0612237	19.4350772	18.9546706	19.0859059
26.5433399	25.4079025	25.0309923	25.1263077	26.4168145	27.2364771	26.6535854	26.1676979
2.32225995	2.29342933	2.30869432	2.21319268	2.21748705	2.18927162	2.23210823	2.27589233
3.72268205	3.65402332	4.00658067	4.09894849	4.31141297	4.35535272	4.25180833	4.26749501
2.30654533	2.40166597	2.49635047	2.61166729	2.70847667	2.68085178	2.71256509	2.76842878
1.69529288	1.69404702	1.69768529	1.73232571	1.71669593	1.74153351	1.81618148	1.8627406
72.7788988	73.2424376	112.277872	107.735742	119.699449	179.277722	89.9196657	62.7070451
1.31090053	1.36771314	1.09445089	0.91968163	0.93318759	0.88550931	0.92131775	1.11061404
11.0400344	10.8169024	10.3848553	10.881154	10.7944811	10.665122	10.488369	10.0976496
5.57937557	4.88474579	4.50079078	4.34315596	3.85955498	3.75991696	3.65547673	3.82253996

3.99974598	4.27903871	4.13304799	4.01711391	3.23045819	3.12868345	2.67468976	2.81041993
7.25161799	7.00059515	6.89899422	6.4154827	6.24947803	6.0943076	5.94723896	5.95640903
4.97611223	5.10293567	5.45510902	5.8622811	5.84306284	5.94890992	5.98049908	6.25973279
4.03343405	4.0793379	3.90207433	4.08197869	3.93249311	3.7916443	4.02306968	3.95146845
67.2626268	61.5169165	54.7333711	52.6754258	54.8273201	55.13203	56.5206386	57.2441085
3.0507105	3.27852682	3.40731949	3.57483954	3.43362298	3.45313361	3.43330006	3.39520296
6.79885887	6.76009645	5.76143628	5.7449895	6.08284555	5.98450553	5.60803724	5.66415835
15.5521921	15.4973105	14.7060102	15.3908009	16.0401639	16.0657041	15.7033945	15.6000036
0.53996205	0.54649566	0.54653209	0.55926447	0.54113877	0.54313522	0.54753995	0.54033342
19.8976271	20.7710269	20.9433993	21.9919703	22.4553209	23.0193217	22.6480947	23.424656
7.87184524	7.79724466	7.34801828	7.55263309	8.03089303	7.27453703	7.44557669	6.46858628
2.94348588	2.90303486	2.87067796	2.81599331	2.67407739	2.6458388	2.61041977	2.58955252
1.45387523	1.47183264	1.48984506	1.50250679	1.51641977	1.49581523	1.48691459	1.49372365
10.8116858	10.3999579	10.3607623	11.4404219	11.6785349	11.1157962	11.5682437	11.7311504
3.14052257	3.26698335	3.30393076	3.51295395	3.66537427	3.74450547	4.473201	4.49603157
1.08111725	1.07867005	1.05963671	1.1058741	1.12052607	1.10795469	1.13606779	1.08973823
0.81484037	0.82803785	0.85800762	0.87972658	0.92104976	0.97140939	0.973293	0.99238563
2.13346236	1.9884957	1.93513741	1.86942308	1.84631891	1.87899667	1.73864525	1.80668436
2.61525694	2.57730335	2.53527932	2.48673717	2.44173787	2.39049617	2.32803807	2.27481536
5.42280329	5.64990743	6.13180889	6.76700068	5.40684845	5.51549427	6.31400619	6.93175825
1.00906497	1.04190782	1.09226931	1.12341659	1.12680938	1.13916001	1.12711286	1.09472644
4.60462246	4.72348181	4.86647972	5.40650907	5.79411654	6.60095038	6.30130158	6.91148346
9.55901598	9.51270373	8.70873507	9.22145987	8.89065829	8.45449762	8.51438559	7.99624526
11.7123342	11.951201	10.7778781	10.7850679	10.2216951	9.88726192	9.79086622	8.98137815
7.52255471	7.2920175	6.71088101	7.26517	6.72153555	6.37482094	6.11287423	5.91827343
2.79743713	2.69085446	2.61049591	2.31579236	2.1712364	2.14145609	2.26737522	2.23362808
10.3602262	10.9849656	12.0469589	10.8713199	9.37424809	10.5608115	9.57254923	10.8090233
4.6919536	4.5149025	4.27671359	4.21983816	4.04929715	3.25526652	2.41801829	2.23760454
2.15836885	2.35224076	2.51536818	2.7024891	2.11351117	2.14457869	2.38675252	2.57362797
3.740615	3.78072254	3.84258509	3.93423869	3.98998642	4.1071199	4.18097295	4.26205297
0.9288135	0.98421247	1.18341993	1.1382144	1.09609793	1.13468612	1.0876466	1.02867206
5.82604047	5.83076211	5.78387223	6.07927215	6.04463811	6.29058415	6.41966722	6.23161437
1.9538791	1.74555318	1.60538526	1.55342254	1.51412058	1.60177487	1.59316377	1.73296872
18.4424418	18.9572623	16.3223181	17.4649415	18.4650498	18.8786084	18.328599	17.7304757
1.96606594	2.13072295	2.04357557	1.92534041	2.01860969	2.32014312	2.04255435	1.81532207
2.20525478	2.28853783	2.34693103	2.29356728	2.22364231	2.20949045	2.21547481	2.33192594
35.5266383	34.5011312	33.5788548	36.1996628	36.1211983	33.3100794	32.5429475	32.2767758
3.60068091	3.68584073	3.63489208	3.77182248	3.55325426	3.69657402	3.62938378	3.76283532
5.63882103	5.54666233	5.57978803	5.72901885	5.97836055	6.1503083	6.00871389	6.25540492
14.9627583	14.1590961	13.3141992	13.5747085	13.8090501	13.5203176	13.7015892	13.8624996
1.14324539	1.15680288	1.13242757	1.16880678	1.23338633	1.25332057	1.29984645	1.29204363
0.83806299	1.04551723	1.04994646	1.04565854	1.05507765	1.05247152	1.04497817	1.05478101
10.0012842	9.69638399	8.29722075	8.82610477	9.56194888	9.4059805	9.26515511	8.15637396
11.6165892	12.671515	12.4387072	11.5035972	11.8384528	11.9645877	11.5700016	11.5708829
23.6418662	22.8354345	21.1120214	21.7389598	20.9277327	20.0049563	20.3127333	20.2957057
6.59953305	6.90710354	6.15695412	6.74329485	6.83122283	6.33968388	6.21308255	5.85389498
1.21918627	1.25463827	1.66051286	1.40556442	1.15908766	1.32328442	1.25948437	1.35068738
8.87876034	9.1323344	8.9208986	8.96210772	8.72804027	9.48719487	9.3236321	9.12285157
2.50423293	2.67025421	2.91860062	3.10264263	2.489542	2.49857147	2.75042225	2.86856185
2.87780295	2.97683448	3.17027888	3.32715732	3.31802488	3.27573654	3.33388362	3.46412344
3.03583989	2.97847983	2.83389782	2.86652402	2.94293479	2.75180484	2.70663651	2.75029026

2.33757389	2.34106356	2.38122477	2.51967245	2.56677348	2.5734661	2.62921668	2.65281213
2.34089677	2.24614058	2.32740626	2.2442298	1.95306229	1.78501414	2.06818466	1.96660491
11.5475345	12.0217775	11.264754	11.2916782	10.7699159	11.0007636	11.0736531	11.1634768
1.24746307	1.22649482	1.32607866	1.36245483	1.31154681	1.50057898	1.50780309	1.50459581
1.96553107	1.74058678	1.75881077	1.95107184	2.36388719	2.11571149	2.08107685	1.88966757
10.328791	10.051685	9.36865246	9.61417698	9.35599017	9.19667748	8.99372164	8.65785433
6.52501177	6.48585855	6.34506673	6.58581759	6.69993302	6.70593131	6.73739166	6.70589198

2015	2016	2017	2018	2019	2020	2021	2022
4.70563106	4.90869726	4.71329737	4.68942859	5.55380702	4.52996055	4.96450011	4.98694475
0.81242369	0.76852489	0.77939345	0.75751652	0.72516788	0.70020658	0.71036322	0.71930797
2.93528662	2.73746298	2.46521342	2.25853562	2.19931378	1.87892063	1.90030667	1.92096838
2.14456123	2.14904304	2.17824908	2.09998164	2.03952394	1.70366169	1.68161828	1.67122651
2.98969845	2.85561254	3.12746236	3.11919262	2.93306248	2.7081116	2.85164786	2.65083874
37.573416	32.3882766	25.9208827	20.8522107	16.0593783	13.1148527	14.2342661	14.6643643
27.7453752	28.2636819	27.0333013	25.0024105	25.9851578	25.4070534	25.8594023	26.6010266
8.25683551	8.23845753	8.23278778	8.14115558	8.00248295	7.63149478	8.00657707	8.09174902
3.0250434	2.95931861	3.02619205	3.06567127	3.22519743	3.40072427	3.62971987	3.52535314
3.59198795	3.80103164	3.38912479	3.52710712	3.91251853	3.24720546	3.50046305	3.4791558
25.2969947	25.0291388	25.088556	24.6776695	24.2807066	23.0162769	22.5959237	21.8875369
9.46790679	9.49450117	9.74913183	9.39312295	9.52035617	8.79885065	9.17215762	8.54874375
5.54856365	5.46284824	5.38164711	5.40119128	5.6298284	5.41840035	5.59840568	5.75753827
0.52020261	0.53351481	0.57504721	0.57616839	0.52782277	0.50560855	0.55544873	0.55196732
11.2274851	11.0708469	10.8255394	10.7994754	10.6993077	9.96712521	10.2624644	9.58753886
1.28623616	1.40772352	1.39978808	1.49296917	1.4546695	1.45614014	1.28663696	1.29997443
1.55655617	1.55056611	1.56213176	1.57448445	1.5964871	1.37895381	1.56507882	1.53920401
1.41788694	1.44594014	1.50343282	1.51810354	1.52230139	1.48171895	1.57090994	1.60763415
8.89875443	8.6047007	8.99430312	8.53377704	8.36011061	7.7178375	8.71008545	9.38524361
43.0151914	41.569238	39.5815776	37.7396483	38.4763849	37.2162963	36.3461915	35.0957165
3.7566742	4.04861908	4.35289993	4.73695285	5.2813796	4.40223417	4.75322174	4.7283032
7.86745713	8.87927407	9.07592366	9.19978847	8.71722534	8.70295743	8.67086572	8.67710173
9.40910418	9.33017117	9.52521916	9.89197307	9.68220976	9.40802281	9.43866799	9.25603673
2.27873293	2.29816712	2.36429203	2.21299619	2.25727303	2.09379036	2.14341712	2.1531623
4.17544368	5.53635674	5.12558994	5.58147818	6.37373036	5.67420362	5.99293342	6.01082745
4.40496863	4.49958266	4.49044653	4.48285278	4.49765775	4.15940618	4.45067252	4.50661208
6.08027341	5.91290495	5.92026255	5.76707508	5.74597252	5.68587781	6.01320834	5.99387616
3.21055605	3.39419764	3.07101262	3.2646807	3.59468712	3.00689374	3.29666335	3.30497519
23.5261018	24.1781575	23.8617424	24.0922673	23.0500146	28.2867581	27.4661668	26.1835276
3.28014609	3.43465611	3.5889436	3.87505545	4.03104792	3.66976465	3.77603402	3.7721064
5.89831601	5.39846512	5.42434064	5.75758502	5.1249861	4.34840631	4.6998913	4.96503081
2.58603555	2.72257734	2.57317257	2.59160834	2.50563347	2.53966942	2.51380172	2.53785634
21.0267602	20.6835221	21.0373655	21.4910094	21.1376522	18.9327299	19.2033518	19.4876073
5.92778132	5.92853363	5.76830292	5.57085454	5.50674553	5.18795363	5.35236111	4.95649718
6.54350857	6.77778329	6.84173581	6.88437398	7.17301541	6.71754885	6.73425326	6.69307093
9.39056108	9.33788054	9.48004866	9.86236057	10.052752	10.1771902	10.6236133	10.5874512
1.12959108	1.14779875	1.15653875	1.10589143	1.15243172	1.127191	1.17521084	1.16985585
1.66401535	1.62957148	1.53592458	1.51156288	1.5013794	1.49375727	1.46125033	1.44760404
0.59654404	0.5833239	0.59706879	0.57094338	0.57145233	0.56749415	0.56570898	0.58379546
4.00222096	3.84118913	4.05937087	4.62875289	4.71837558	4.40131275	3.96478493	3.96507527
6.47584175	6.81819643	7.36810861	7.47109906	7.73466043	7.79838371	8.3878535	8.80964187
3.84857443	3.89316175	3.784285	3.91575801	3.98385545	3.91281933	4.11413033	4.18528108
0.73033083	0.7589387	0.81905327	0.83680734	0.88157379	0.88786379	0.87115523	0.83538073
1.86757442	1.92486035	1.95972565	1.9440555	2.02245433	2.09701094	2.11308853	2.16616827
2.98756153	3.10079149	3.14988607	3.2229468	3.17150676	2.84924269	3.08301506	3.10529714
4.24346583	4.07229104	3.96039147	3.99040243	3.77780803	3.43771569	3.37849814	3.3237854
4.63024423	4.78509855	5.02170257	4.78722249	6.45977642	5.25607986	5.68062679	5.70717256
7.20572282	7.51895265	7.62762734	7.76424741	8.1358256	7.72809677	7.90657314	8.2323344
12.5898626	12.6891242	12.7601313	12.6099183	12.0273817	11.0946573	11.6073325	11.6564128
11.106897	11.1093407	10.885942	10.4733622	9.81080859	9.08402744	9.48648293	9.22587567

2.22471606	2.16565602	2.06565934	2.09794671	2.07054885	2.08464243	2.11874703	2.0641202
1.89511432	1.96223854	1.83081772	1.90100828	2.01918387	1.79519045	1.8718175	1.90105543
8.64087879	8.94782517	8.53287201	8.54323101	7.9380124	7.51402075	7.72314015	7.39793504
3.61825777	3.70913278	3.60127127	3.7863254	4.02760281	3.8717685	4.11909334	4.09858527
5.92362024	5.76526794	5.78854929	5.90132799	5.96087705	5.564594	5.77556203	5.9036923
4.44552343	4.32295242	4.15974955	4.1613437	4.09863692	3.72333841	3.90629017	3.96989669
3.435741	3.50031613	3.56323922	3.44459824	3.12934411	2.97997557	3.17412985	3.13246031
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Substance	Macro-region	Sector	1990	1991
CO2	Africa	Deforestation	1356.08802	1356.8881
CO2	Africa	Fires	125.899474	108.362678
GWP_100_AR5_CH4	Africa	Fires	374.247333	333.594153
GWP_100_AR5_N2O	Africa	Fires	117.806622	111.637525
CO2	Africa	Forest Land	-2511.1168	-2271.7925
CO2	Africa	Organic Soil	0.29612293	0.29612293
CO2	Africa	Other Land	59.5910353	58.6781031
CO2	Asia-Pacific Developed	Deforestation	177.089072	163.553341
CO2	Asia-Pacific Developed	Fires	312.082405	354.056197
GWP_100_AR5_CH4	Asia-Pacific Developed	Fires	27.1263152	30.2227951
GWP_100_AR5_N2O	Asia-Pacific Developed	Fires	18.6908502	19.7479891
CO2	Asia-Pacific Developed	Forest Land	-492.73477	-494.13514
CO2	Asia-Pacific Developed	Organic Soil	3.30471804	3.33276477
CO2	Asia-Pacific Developed	Other Land	20.7726202	11.9829716
CO2	Eastern Asia	Deforestation	4.08199565	3.99880765
CO2	Eastern Asia	Fires	141.135275	138.691794
GWP_100_AR5_CH4	Eastern Asia	Fires	12.8154495	12.448601
GWP_100_AR5_N2O	Eastern Asia	Fires	6.92043261	6.80769511
CO2	Eastern Asia	Forest Land	-621.02046	-629.30727
CO2	Eastern Asia	Other Land	-211.12922	-211.05339
CO2	Eurasia	Deforestation	15.9587613	13.3902285
CO2	Eurasia	Fires	413.942885	438.050228
GWP_100_AR5_CH4	Eurasia	Fires	34.7609077	36.8356422
GWP_100_AR5_N2O	Eurasia	Fires	18.6747942	19.8417428
CO2	Eurasia	Forest Land	-1796.7724	-1793.8492
CO2	Eurasia	Organic Soil	162.430789	161.281966
CO2	Eurasia	Other Land	-47.455885	-1.7872222
CO2	Europe	Deforestation	30.7926618	30.9009121
CO2	Europe	Fires	44.2039168	28.3245782
GWP_100_AR5_CH4	Europe	Fires	5.36571055	3.03336162
GWP_100_AR5_N2O	Europe	Fires	1.77556505	1.20091246
CO2	Europe	Forest Land	-613.6488	-735.9987
CO2	Europe	Organic Soil	122.840712	123.215141
CO2	Europe	Other Land	-46.053031	-48.67906
CO2	Latin America and Caribbean	Deforestation	1394.82134	1269.88099
CO2	Latin America and Caribbean	Fires	78.7003857	72.1859582
GWP_100_AR5_CH4	Latin America and Caribbean	Fires	58.7795882	83.8750117
GWP_100_AR5_N2O	Latin America and Caribbean	Fires	19.3948224	27.0888627
CO2	Latin America and Caribbean	Forest Land	-2057.4396	-2008.8741
CO2	Latin America and Caribbean	Organic Soil	-6.03	-6.03
CO2	Latin America and Caribbean	Other Land	-31.725361	-38.300631
CO2	Middle East	Deforestation	81.3748	81.3748
CO2	Middle East	Fires	2.56197012	5.46649213
GWP_100_AR5_CH4	Middle East	Fires	0.17345869	0.32876582
GWP_100_AR5_N2O	Middle East	Fires	0.12160641	0.23988231
CO2	Middle East	Forest Land	-12.08097	-11.116859
CO2	North America	Deforestation	120.813403	121.156401
CO2	North America	Fires	195.116672	210.301688
GWP_100_AR5_CH4	North America	Fires	34.976475	36.3500204
GWP_100_AR5_N2O	North America	Fires	7.69524346	8.17429856

CO2	North America	Forest Land	-1553.7016	-1588.6782
CO2	North America	Organic Soil	45.6986347	44.9614076
CO2	North America	Other Land	-438.57401	-446.80096
CO2	South-East Asia and developing Pacific	Deforestation	965.579489	872.798939
CO2	South-East Asia and developing Pacific	Fires	1.00751214	3.87168365
GWP_100_AR5_CH4	South-East Asia and developing Pacific	Fires	66.1803371	119.276473
GWP_100_AR5_N2O	South-East Asia and developing Pacific	Fires	10.8943353	15.7556329
CO2	South-East Asia and developing Pacific	Forest Land	802.220995	794.096204
CO2	South-East Asia and developing Pacific	Organic Soil	309.14067	309.14067
CO2	South-East Asia and developing Pacific	Other Land	4.322	4.322
CO2	Southern Asia	Deforestation	97.1925374	97.1925374
CO2	Southern Asia	Fires	3.32052314	8.3931782
GWP_100_AR5_CH4	Southern Asia	Fires	12.6589098	13.1189158
GWP_100_AR5_N2O	Southern Asia	Fires	3.85299405	3.93529574
CO2	Southern Asia	Forest Land	1130.78609	1170.09029
GWP_100_AR5_GHG	Africa	Net	-477.18822	-302.33586
GWP_100_AR5_GHG	Asia-Pacific Developed	Net	66.3312134	88.7609234
GWP_100_AR5_GHG	Eastern Asia	Net	-667.19652	-678.41375
GWP_100_AR5_GHG	Eurasia	Net	-1198.4601	-1126.2367
GWP_100_AR5_GHG	Europe	Net	-454.72327	-598.00285
GWP_100_AR5_GHG	Latin America and Caribbean	Net	-543.49886	-600.17395
GWP_100_AR5_GHG	Middle East	Net	72.1508649	76.2930814
GWP_100_AR5_GHG	North America	Net	-1587.9752	-1614.5354
GWP_100_AR5_GHG	South-East Asia and developing Pacific	Net	2159.34534	2119.2616
GWP_100_AR5_GHG	Southern Asia	Net	1247.81106	1292.73022
CO2	EU27	Deforestation	23.7793022	23.7214536
CO2	EU27	Fires	25.1854625	18.8597672
GWP_100_AR5_CH4	EU27	Fires	2.90507696	1.64377823
GWP_100_AR5_N2O	EU27	Fires	1.00959884	0.82627152
CO2	EU27	Forest Land	-444.32059	-563.40684
CO2	EU27	Organic Soil	94.6566662	94.8461951
CO2	EU27	Other Land	-44.270157	-42.163001
GWP_100_AR5_GHG	EU27	Net	-341.05464	-465.67237
CO2	GLOBAL TOTAL	Deforestation	4243.79207	4011.13506
CO2	GLOBAL TOTAL	Fires	1317.97102	1367.70447
GWP_100_AR5_CH4	GLOBAL TOTAL	Fires	627.084485	669.083739
GWP_100_AR5_N2O	GLOBAL TOTAL	Fires	205.827266	214.429836
CO2	GLOBAL TOTAL	Forest Land	-7725.5084	-7569.5656
CO2	GLOBAL TOTAL	Organic Soil	637.681647	636.198072
CO2	GLOBAL TOTAL	Other Land	-690.25185	-671.63819
GWP_100_AR5_GHG	GLOBAL TOTAL	Net	-1383.4037	-1342.6526



1992	1993	1994	1995	1996	1997	1998	1999
1363.3223	1356.09724	1354.52055	1362.47573	1362.31299	1363.11809	1360.61057	1365.0048
122.67304	193.623094	124.398526	124.398526	138.62794	47.5709069	125.655294	158.839256
329.216425	399.180376	342.055898	342.055898	368.673903	187.169233	363.899112	314.161385
117.52787	123.423303	110.952673	110.952673	126.433626	63.856814	120.653806	113.183488
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0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293
57.984973	69.0178049	49.6441699	49.0717037	50.0049387	42.8971693	47.7911586	23.5302516
120.581724	105.271108	92.6478937	82.3084274	77.4353434	76.9542034	75.3274503	85.5802315
419.224903	756.191262	386.518338	386.518338	241.857215	143.908496	381.224406	466.635826
35.1206787	43.5960091	28.5618182	28.5618182	25.3092892	12.3445808	29.9320837	30.7612522
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191.50869	145.78057	118.615505	118.615505	74.9888981	25.6200266	128.481678	104.868051
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391.468923	258.249563	589.504505	589.504505	535.401157	348.273243	194.712483	428.458231
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1344.53487	1587.04471	1651.56538	1651.56538	1254.11063	717.944645	1283.26384	1410.01008
663.604723	810.072321	653.808194	653.808194	644.074377	349.616411	695.885107	641.747714
222.838442	252.225216	219.778878	219.778878	227.208155	122.148909	212.446326	214.083877
-7518.1301	-7596.4963	-7536.1303	-7336.8081	-7368.3032	-7153.6461	-7126.7718	-6911.2136
633.995519	632.019407	630.133149	629.162804	627.781406	625.006082	623.548874	616.571969
-690.57314	-694.92206	-773.03902	-788.94845	-835.07259	-842.80387	-875.8353	-1004.7185
-1191.7869	-854.65251	-1005.2716	145.479297	-957.93641	-1992.6308	-727.87202	-609.21927

2000	2001	2002	2003	2004	2005	2006	2007
1365.62463	1372.70106	1383.98628	1397.075	1419.59078	1440.54139	1424.66542	1436.15113
273.563893	173.072287	163.184923	117.874542	118.727922	132.41193	139.846706	131.500786
425.703966	363.771916	297.787528	295.898842	292.62065	326.764948	285.006319	290.652224
137.712553	119.456904	87.9173291	103.017303	93.4025697	111.214097	98.2102035	101.685958
-1605.0431	-1548.9623	-1510.1628	-1448.5686	-1422.3358	-1342.5963	-1274.347	-1234.9913
0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293
37.8063544	25.9170044	35.0076183	19.2327502	0.93380926	8.31270184	18.5818593	60.7489389
84.6272666	98.8063524	93.6109359	87.7974779	88.7615665	108.76414	109.730501	115.548607
699.805254	790.199798	1122.36751	285.335508	579.253696	139.555863	678.677988	588.121083
40.1177226	49.477788	59.0172641	25.05382	37.3172493	14.3168392	41.4628025	34.7747046
31.0341504	40.7285001	48.7612032	18.1169043	31.8270544	11.8643668	33.4657404	29.0886782
-470.90456	-471.91439	-473.3107	-474.07675	-475.06864	-475.36501	-471.99549	-467.7859
3.34840427	3.36887984	3.15808524	3.12237075	3.27118634	3.19283839	3.31818143	3.1701601
-25.673969	-28.967718	-34.528712	-20.078779	-20.513578	-10.827434	-1.6095994	8.8816024
5.61439565	5.25372965	4.89306365	4.53239765	4.17173165	3.81106565	3.84642852	3.88179139
153.224386	54.5181812	7.25010014	26.3451953	16.1981105	8.79379823	6.85553613	8.39731974
15.0130397	4.85287479	0.96981977	2.94332714	2.41546803	1.17464526	1.08079927	1.54071071
7.98233465	2.66262808	0.60840807	1.75969372	1.29327548	0.73150585	0.66190951	0.93331397
-696.65955	-708.17733	-714.9211	-719.41067	-728.55974	-735.95508	-742.98612	-715.54267
-210.70841	-210.70893	-210.70944	-210.70996	-210.71048	-210.711	-218.93716	-227.16331
8.30748512	7.34516539	8.30063892	8.39976452	9.09852138	9.46180721	10.2438829	10.9770446
506.393997	156.199305	172.257986	362.930893	170.076929	144.999261	160.254579	98.2039867
41.9601556	13.9228357	39.0151964	69.0218083	30.4078229	40.3391874	32.3012246	22.284257
23.3302674	8.16144925	10.3594696	12.9065892	8.90647637	6.44493228	8.8385349	5.03946585
-1961.567	-1946.9877	-1944.2319	-1923.7207	-1912.5392	-1904.8087	-1888.9255	-1856.2631
148.490397	146.96718	145.442709	143.878812	142.607223	141.291519	139.965362	139.170665
-136.09013	-148.29138	-162.92587	-150.38808	-132.25929	-132.99673	-112.02406	-146.4464
36.7477181	39.134976	40.3879473	41.3163995	43.3220663	43.6067021	45.5956482	47.3767887
40.7312106	37.1447467	6.20100517	15.0017308	2.92410263	12.6102162	6.3929356	9.51381533
4.25445322	4.32033588	1.7005987	2.23881719	0.46845482	1.24907712	0.72310096	1.43904698
1.78280365	1.56316338	0.14497774	0.57325754	0.13409038	0.54860843	0.29057463	0.40691577
-544.17673	-595.06514	-582.44618	-550.17584	-528.3604	-475.50284	-512.53917	-445.48231
120.317531	120.594793	120.431836	120.014218	119.032579	119.411566	120.549083	119.928166
-73.44846	-78.488536	-79.043595	-101.24482	-113.82533	-116.1752	-129.3304	-124.88094
1848.31949	1778.12872	1992.53198	3024.71596	3215.0185	2293.15433	1973.81464	1729.61172
42.8316197	60.7240537	24.1599047	26.931507	12.2298008	17.459704	14.8049118	9.64611982
150.762975	66.4088654	60.151596	77.9034144	78.6956854	80.4127629	58.9353409	98.1966771
43.6190069	22.788597	24.3083557	24.5176793	27.8630845	28.7908221	18.1597594	36.1274577
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-6.03	-6.03	-6.03	-6.03	-6.03	-6.03	-6.03	-6.03
-66.246443	-63.43247	-62.058824	-32.653816	-29.326997	-59.471806	-60.091923	-65.779068
81.3748	81.3748	81.3748	81.3748	81.3748	81.3748	81.3748	81.3748
3.2986897	3.90936122	0.96283309	0.64218303	0.84342029	0.97533864	0.742909	0.88235064
0.25194213	0.26777866	0.07483231	0.04833761	0.06145639	0.06246991	0.04803224	0.07499004
0.16640059	0.18578686	0.06466488	0.04177	0.04947975	0.05344877	0.04150612	0.06198879
-9.904099	-9.8516161	-10.64442	-10.046538	-10.076718	-10.006252	-9.8239563	-9.5379652
124.159143	124.495078	124.789246	125.190397	125.499284	125.914726	126.242779	126.544266
149.15986	89.9781192	79.0809164	100.867236	72.1329305	74.9698628	47.8964962	62.0204081
30.5175568	18.6094764	31.5853503	32.548223	19.3807303	20.6688144	20.1938737	50.5486862
6.92460253	3.5838248	1.99082628	2.32884908	2.50855947	2.31558917	2.30190603	2.27791093

-1559.3419	-1638.9698	-1623.1401	-1660.6784	-1584.9835	-1585.0758	-1644.7226	-1748.1379
39.7497671	46.122652	46.0947709	45.7120646	45.5283211	45.2330585	45.0353529	44.2096107
-436.19509	-444.16075	-423.56314	-448.55636	-368.20117	-425.1679	-451.88728	-415.07816
921.307329	303.428728	310.633989	273.09605	387.736855	379.131341	368.283398	454.689146
6.11062059	2.18073298	4.07660997	5.79247357	8.73773398	5.53658661	4.79263377	7.40891045
117.158987	72.7407256	186.410861	87.9839532	219.800515	111.202034	234.298883	72.9129596
12.0125184	10.8442657	8.49562635	12.183979	20.733029	11.2273228	12.2432439	17.4525932
599.550104	549.468216	580.000593	607.767356	612.28345	599.319019	565.986901	586.524525
309.14067	374.34567	563.26067	381.15767	608.85467	655.33167	1354.48959	440.316514
4.322	4.322	4.322	4.322	4.322	4.322	4.322	4.322
36.7943355	35.9385774	35.1154303	34.2924332	33.3764161	32.588639	31.8419099	31.0361468
7.94549889	4.48961852	0.47456914	2.77467567	2.75022985	1.83929584	2.56751844	2.77007462
14.9254526	10.2032628	1.65482132	7.30786522	10.006953	6.65087198	6.47040777	9.99037543
4.77321765	3.14411898	0.5269489	2.20160277	3.009398	1.99556814	1.96902356	2.96175363
1204.61992	1214.74014	1302.78994	1311.32147	1304.5319	1314.48588	1320.07268	1335.73803
635.664392	506.253026	458.017029	484.82591	503.236072	676.944866	692.259636	786.043829
362.354273	481.699211	819.075593	-74.729445	244.84853	-208.4984	393.050125	311.798934
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-1369.1749	-1762.6831	-1731.7818	-1476.9709	-1683.7016	-1695.2687	-1649.346	-1727.034
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370.927933	189.975097	425.018879	1616.06709	1868.68899	898.651006	524.574007	370.202573
75.1877334	75.8861106	71.8327102	72.0605525	72.2524384	72.4598057	72.383291	72.8561643
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1969.60223	1317.33034	1657.20035	1372.30348	1862.46825	1766.06997	2544.41665	1583.62665
1269.05842	1268.51572	1340.56171	1357.89805	1353.6749	1357.56026	1362.92154	1382.49638
28.4411691	30.6735456	31.5452742	32.9932686	34.3487224	35.05384	36.3666211	38.1275071
19.4617365	21.6667329	2.46866143	11.0753467	2.05146228	10.0198272	4.53817774	6.37754925
1.86600801	2.56136128	0.45506827	1.0646347	0.23376284	0.8828781	0.40292088	0.67796812
0.83936101	0.87670124	0.08375384	0.49572326	0.10487811	0.43280641	0.1990367	0.28139707
-390.2323	-433.10105	-424.92227	-396.19288	-378.8416	-326.49761	-370.57736	-307.07663
93.1679511	93.6605619	93.4281252	93.5716734	92.9398469	93.7426448	95.1132234	94.7925826
-81.175782	-90.823382	-90.119669	-102.77497	-123.85359	-124.94706	-134.01984	-122.31114
-327.63185	-374.48553	-387.06106	-359.76719	-373.01651	-311.31267	-367.97722	-289.13077
4512.87659	3846.60719	4075.62431	5077.79067	5407.95052	4518.34894	4175.6394	4037.19144
1883.06503	1372.4162	1580.01636	944.495944	983.874876	539.151856	1062.83221	918.464855
840.66625	604.575859	678.367868	600.948408	691.174985	602.84165	680.520784	582.414631
269.337855	213.119238	183.17781	177.647628	189.727017	175.186262	176.182402	196.036036
-6685.7557	-6824.3326	-6584.1108	-6366.9063	-6174.8698	-6071.1699	-6134.2991	-5987.049
615.312893	685.665297	872.654194	688.151258	913.560102	958.726775	1657.62369	741.061239
-906.23414	-943.81078	-933.49997	-940.07706	-869.58103	-942.71537	-950.97656	-905.39534
529.268759	-1045.7596	-127.77021	182.050571	1141.8367	-219.62983	667.522878	-417.27609

2008	2009	2010	2011	2012	2013	2014	2015
1457.07924	1467.7024	1502.27137	1983.97345	1998.76325	1996.60058	2004.08132	1607.36976
176.070339	122.35535	206.302104	316.089303	225.657265	134.663217	88.5230307	98.3530471
308.573968	320.927513	300.850278	331.441405	312.064318	289.120409	229.061622	271.410749
104.454742	91.4408839	101.46436	104.518495	97.8234995	93.753969	85.4110819	90.1144477
-1267.7841	-1239.5209	-1187.5678	-1133.8238	-1096.6424	-1049.3616	-998.85787	-941.17731
0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293
112.51341	103.710218	86.7933764	114.524035	122.533291	118.211489	105.355179	126.096617
80.8152884	70.1588477	75.003276	61.080929	56.4787276	62.6698634	63.4960113	52.8165379
229.934422	268.696512	129.150914	1257.96015	1161.20987	256.62023	470.606671	457.236261
17.515652	24.5723789	9.95198746	63.1727977	62.5264442	19.3030981	30.4589026	27.4823332
14.8982523	19.4767713	8.3811634	53.9303799	52.9429532	15.1566676	25.1464509	23.0824216
-474.22663	-480.22424	-471.5992	-462.74669	-466.63776	-459.24477	-453.17885	-448.36415
3.25333351	3.24052627	3.39296439	3.58220522	3.27797012	3.12604432	3.25911743	3.07067755
12.4153621	26.992826	12.3177597	20.1901466	14.7582749	1.48818676	-1.4847055	-9.7986253
3.91715426	3.95251713	3.98788	4.204268	4.420656	4.637044	4.853432	4.05065333
31.4506661	16.8419754	10.8938474	9.83486093	6.11773109	7.3806258	16.3243828	8.26550739
3.56572399	1.80383874	1.13406406	1.43737943	1.10751324	0.90971218	1.90453987	1.32141721
1.84970274	0.99272047	0.67110158	0.93173116	0.78602752	0.59161764	1.09097427	0.87385982
-675.20478	-627.13597	-600.44025	-605.72209	-611.6672	-597.29684	-655.6319	-692.19262
-235.38947	-243.61563	-251.84179	-267.25601	-282.67022	-298.08444	-313.49865	-346.7592
10.2844709	13.7194512	9.83222074	12.6594528	11.5646824	10.580486	6.83612593	15.0227882
354.031789	149.374486	193.525937	175.449402	280.212423	129.916592	260.622203	97.8566407
82.7564284	32.7052209	37.1392429	28.9217992	54.7681423	29.8431818	41.2471863	18.1579991
11.1732802	5.26612208	8.72124521	6.71187314	9.4286129	3.23778074	10.6134566	5.27109068
-1993.3939	-2002.7008	-1948.4281	-1912.6073	-1892.8383	-1894.6241	-1867.1494	-1860.6387
136.189002	134.883182	135.201681	133.928171	133.962102	133.421948	133.491619	133.529985
-196.88378	-175.69638	-207.16977	-206.60524	-221.01953	-192.40226	-247.38093	-187.3365
46.9754258	46.7040861	47.2785903	47.5708447	48.0318453	51.4582717	45.6547355	48.668457
2.88427247	5.62186988	5.16366976	6.55573405	12.0461496	4.5851498	7.60824645	10.7964284
0.45904125	0.70930537	0.69129956	1.29911381	2.32059615	0.49761903	1.11741566	2.3143741
0.16145671	0.25559519	0.22476965	0.23510571	0.41333318	0.20262559	0.30678168	0.33329337
-518.02559	-596.04502	-487.64776	-478.31606	-479.32188	-466.95747	-460.49101	-444.26546
119.87493	119.789934	119.224128	119.360906	119.624701	119.185277	119.512049	119.470074
-74.766392	-77.167172	-102.16827	-88.558608	-90.709486	-73.290628	-76.518603	-100.72781
1803.45516	1237.55128	1187.56407	1209.571	1126.75759	1301.6686	1127.06354	1197.04034
22.409844	16.0233882	8.11350794	20.6660329	12.4855832	10.7003297	8.41528397	17.2010484
45.5405513	34.4782353	115.749972	34.1659524	45.3278722	35.1644271	30.8834052	51.3410258
17.2174835	10.8838767	37.9149317	15.0327482	18.5243542	11.4138173	12.4435514	18.0160118
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-64.489311	-79.556756	-75.583794	-75.166089	-78.153062	-76.675564	-89.879352	-86.221436
81.3748	81.3748	81.3748	81.3748	81.3748	81.3748	81.3748	81.3748
0.21463867	0.20823833	1.58850772	1.06338082	0.3888047	0.60408927	1.1231581	0.7705065
0.04231668	0.03578886	0.1764846	0.05983668	0.04798826	0.04372444	0.07027481	0.08020125
0.03647015	0.03092624	0.12685484	0.05102784	0.02883393	0.03739571	0.0607266	0.06862549
-9.2892969	-9.1653003	-9.2417864	-9.1844213	-8.8694335	-8.7181369	-8.5527127	-8.9858811
126.897112	127.246269	127.566458	127.965573	128.299423	128.705679	129.143667	129.360115
47.1098198	33.390529	44.830868	58.6122163	78.8858286	115.78768	77.3192175	136.822934
12.882656	10.8302788	13.0246036	41.1408553	29.0992172	36.3602555	27.3698121	32.5480281
2.13151681	1.60537248	1.97319139	2.64285912	2.32761945	2.63288268	2.33683951	4.15780911

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44.0358526	43.7828533	43.9434924	44.0139895	44.0912091	43.2771596	41.8254066	45.2935587
-396.95791	-365.68378	-383.38125	-423.8236	-432.69288	-397.63862	-410.17848	-348.14653
423.709745	499.772799	282.034625	314.681211	393.676991	533.751509	392.433143	886.071615
1.16019631	7.00674227	7.52897846	2.24014156	5.13893747	7.73834839	4.75543056	7.26527065
41.417297	168.462171	58.3347263	95.3757133	104.674341	94.2873443	215.941242	222.073834
9.32738591	14.2685653	14.1097735	9.40664767	12.0252911	9.90251738	12.9415559	15.055913
575.185697	510.178661	564.000189	607.934345	609.559376	666.251221	669.053733	587.952526
380.880436	657.188358	413.64128	469.49928	737.76828	483.43328	974.15228	1200.64128
4.322	4.322	4.322	4.097	3.82358333	3.59858333	3.422	3.422
34.4682403	37.6112808	41.1340944	35.659822	18.528605	18.564385	25.132162	28.960566
1.56747828	7.62781152	3.35905289	1.40483056	5.87900085	1.65529623	3.88620475	1.99260438
7.16950078	18.9499523	15.3862385	8.1177337	18.2857953	11.7939779	9.98664593	5.87035447
2.0938695	5.67743548	4.44834522	2.40389491	5.42076499	3.43341481	2.96288748	1.7513971
1340.43291	1345.25389	1350.96815	1350.4232	1347.59311	1344.64379	1341.97509	1330.25225
891.203712	866.911609	1010.40979	1717.01898	1660.49534	1583.28414	1513.87049	1252.46343
-115.39432	-67.086381	-233.40114	997.169918	884.556476	-100.88068	138.303597	105.525452
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169.33228	-449.1423	-341.29593	-244.94402	-256.99361	-113.94869	-314.15731	-253.04445
72.3789286	72.4844531	74.0248608	73.364624	72.9709934	73.3418725	74.0762468	73.3082521
-2147.046	-2277.4931	-2135.8132	-2075.3146	-2087.6617	-1977.8782	-2030.2962	-1893.5142
1436.00276	1861.1993	1343.97157	1503.23434	1866.6668	1798.9628	2272.69938	2922.48244
1385.732	1415.12037	1415.29588	1398.00948	1395.70728	1380.09087	1383.94299	1368.82717
36.167959	37.1117481	36.5486068	35.1484121	33.6536114	42.0253178	35.866138	37.8579332
1.51469093	2.3150035	2.52383315	3.84277891	6.69312354	2.38855468	2.22990924	1.84313607
0.27993699	0.20319165	0.2282497	0.6959531	0.97368434	0.29251903	0.25685192	0.23069744
0.06924952	0.11472356	0.1130152	0.12892324	0.27401495	0.10095074	0.09092965	0.07583703
-379.06621	-446.42437	-350.73921	-347.89983	-350.84749	-340.80789	-341.9197	-326.5052
94.7715972	95.4745044	94.9194828	95.1522784	95.5269613	95.2089317	95.603388	95.6441633
-88.576082	-88.465245	-103.13963	-103.80322	-98.722661	-94.859946	-100.40695	-117.90217
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4068.97664	3585.79374	3358.04739	3878.74135	3867.89656	4190.01122	3880.06893	4050.73564
866.833466	627.146903	610.457387	1849.87605	1788.02159	669.651559	939.183829	836.560249
519.923136	613.474683	552.438898	605.132587	630.222228	517.323749	588.041047	632.600317
163.344159	149.898269	178.035737	195.864762	199.72129	140.362688	153.314306	158.72487
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678.499677	953.150977	709.669668	764.650675	1032.99039	776.709833	1266.5066	1496.2717
-839.2361	-806.69467	-916.71174	-922.59836	-964.13003	-914.79325	-1030.1635	-949.47149
-1195.8813	-1767.7467	-1890.8145	358.573969	642.319459	-383.23574	68.9518599	410.060332

2016	2017	2018	2019	2020	2021	2022	2023
1624.96923	1624.21416	1631.46584	1636.42094	1636.76393	1635.73638	1635.73638	1635.73638
105.096012	141.467317	88.3869728	77.7049205	147.93751	244.122486	178.426012	212.587891
293.528399	276.097508	324.981482	284.102292	250.24528	231.341794	249.535881	209.791533
99.3349422	87.4783482	85.1609033	76.6346178	88.1928059	89.7679926	89.856337	75.5739856
-935.5738	-894.48438	-854.22937	-833.96765	-791.41096	-719.96903	-696.49579	-650.86827
0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293	0.29612293
110.392206	108.706396	111.422534	120.195993	109.365203	119.679527	119.679527	119.679527
52.679374	50.6995383	53.8935492	39.2319149	43.0929324	42.7451761	42.7451761	42.7451761
170.71056	671.312474	571.45876	510.045169	219.087947	195.686465	250.17002	1082.15614
14.697437	34.7194549	34.6550087	41.7297082	19.8718455	14.6711173	16.4406254	53.29161
11.6545811	29.3375338	28.7148031	27.1179105	12.7085335	12.4250538	14.0093997	45.4347919
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3.06187957	3.3059295	3.20324718	3.0402548	3.12227719	3.12227719	3.12227719	3.12227719
-29.163523	-41.656931	-45.996809	-48.672106	-45.426055	-48.55604	-48.55604	-48.55604
3.25810067	3.493548	3.404662	3.403776	3.40289	3.40289	3.40289	3.40289
7.79944558	6.04565747	10.1598788	9.46788708	8.29705081	5.59848422	5.00649754	6.85259563
0.97870475	0.70158838	0.88006439	1.00876774	0.75777842	0.5645875	0.62937245	1.29455312
0.63551582	0.40400244	0.47885767	0.57242755	0.41850602	0.30662135	0.35922791	0.85640972
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-380.01306	-414.29492	-375.60245	-375.60997	-375.6175	-375.6175	-375.6175	-375.6175
4.89939005	5.35937495	3.63083494	13.0722788	2.87031084	18.3347169	18.3347169	18.3347169
203.127156	109.496859	254.174057	196.558254	152.339173	188.250585	90.2147239	139.592388
38.4697519	20.3444397	57.4542332	34.8331762	27.2531921	34.1375115	15.872738	36.4406397
6.4508522	7.08888657	7.08550751	8.13866786	5.35138134	6.59495147	3.40441475	3.07766713
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132.796826	132.703299	133.441321	133.398489	133.398489	133.398489	133.398489	133.398489
-218.979	-215.25588	-216.31451	-204.36577	-203.42641	-172.43642	-172.43642	-172.43642
49.4336284	43.5267896	42.1710118	41.9468452	39.5345316	39.0075098	39.0075098	39.0075098
5.12077079	20.9309298	4.77424078	9.531599	11.5837841	9.77325841	13.1030921	6.64104167
0.60496617	1.99567469	0.61693587	1.96375187	1.77878331	0.97562747	1.91625387	0.69342643
0.23777667	0.91733567	0.19889312	0.29182882	0.43646312	0.44077976	0.50157243	0.30790424
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120.022836	120.107195	120.036495	120.403863	120.397788	120.397788	120.397788	120.397788
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1274.45213	1242.38657	1224.49734	1218.00045	1276.77608	1276.79218	1276.79218	1276.79218
18.7674701	45.4920279	16.0595961	17.2748892	25.2614739	15.0363058	22.293069	31.8607485
61.2413125	50.9040035	28.106794	76.069714	83.8760254	48.7483204	65.933807	59.1994556
17.4453585	21.6444771	11.5667791	24.7085061	29.2440127	18.9891625	21.0105398	19.6281302
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-100.61126	-104.29471	-95.720743	-96.507664	-94.824154	-94.824154	-94.824154	-94.824154
81.3748	81.3748	81.3748	81.3748	81.3748	81.3748	81.3748	81.3748
1.25996457	0.95048549	0.47116086	21.1143688	3.89363499	1.0248417	0.33019562	3.08654446
0.09692058	0.06170888	0.0526927	0.94476036	0.3068347	0.07707937	0.03278782	0.1735328
0.08307317	0.05046365	0.04485452	0.81597572	0.26084171	0.06200014	0.0245023	0.14613832
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129.557673	129.715158	129.75548	129.708606	129.737881	131.917099	131.917099	131.917099
59.3695171	92.5869585	105.428465	72.717831	89.3501821	178.675088	70.1676653	503.169455
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44.407792	45.8578708	46.8797769	43.515657	43.515657	43.515657	43.515657	43.515657
-441.75899	-440.14135	-424.47644	-384.01722	-457.40977	-451.01967	-451.01967	-451.01967
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55.1836648	37.7839643	92.2784375	181.158121	55.7069212	37.4096917	21.0546683	116.637223
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592.303477	584.264976	633.000487	635.279918	663.453393	687.1517	668.655718	684.75097
475.17528	397.64928	508.64128	856.32428	856.32428	856.32428	856.32428	856.32428
3.422	3.422	3.422	3.422	3.422	3.422	3.422	3.422
29.210566	29.052566	22.853566	17.647566	17.647566	17.647566	17.647566	17.647566
4.17304265	1.66605736	3.09694194	3.92039977	0.90867225	3.10507231	3.61079726	1.80891839
12.2490832	13.5863348	11.7215321	8.12546646	3.1352976	19.1529178	8.59974938	7.37995
3.63736759	3.9623972	3.47495454	2.44729119	0.98671086	5.65141915	2.61497874	2.18791257
1328.79935	1321.63201	1315.55909	1309.8038	1302.63206	1295.98687	1280.86963	1274.05262
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73.5827568	73.3621763	72.9821996	95.4264584	76.690012	73.5856215	72.8876253	76.0623319
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1741.07899	1640.41789	1992.69239	2322.80225	2225.23964	2228.95157	2188.66774	2306.56912
1378.06941	1369.89936	1356.70609	1341.94452	1325.31031	1341.54384	1313.34272	1303.07697
39.1533294	33.4280407	31.9585962	31.5490115	29.6084127	29.1491296	29.1491296	29.1491296
4.26888806	18.9571992	1.64752098	3.6782894	3.81218012	5.60183834	10.5601749	5.67501477
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0.19082125	0.81105488	0.07190472	0.10090722	0.14115295	0.25341102	0.40639578	0.25753652
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96.2652337	96.40576	96.4206384	96.8624395	96.8624395	96.8624395	96.8624395	96.8624395
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3850.79669	3816.52616	3938.51843	3811.6672	3862.06095	3877.81834	3877.81834	3877.81834
579.976042	1091.12205	1055.70166	923.232657	661.841689	845.223259	635.779451	1992.03917
497.892413	466.02622	569.351297	649.159487	454.730244	427.266456	398.002062	629.260718
150.619516	164.031046	149.463222	153.870337	154.212042	149.602138	140.288667	166.680166
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769.730736	693.889697	806.468244	1152.4818	1154.09088	1154.09088	1154.09088	1154.09088
-1159.9928	-1209.3632	-1142.7349	-1096.0966	-1186.9821	-1152.506	-1152.506	-1152.506
-1182.9399	-759.68536	-41.676445	-0.0005247	-456.11657	169.472899	-130.40687	1537.80583