

நாடு	1990	1991	1992	1993	1994	1995	1996	1997
ஆப்கானிஸ்தான்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
அல்பேனியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-6.424
அல்ஜீரியா	4.846	3.192	0.932	-5.699	-1.506	1.561	5.888	5.817
அன்டோரா								
அங்கோலா	n/a	n/a	n/a	n/a	n/a	n/a	15.015	5.448
ஆன்டிகுவா மற்றும் பர்புடா	3.807	-1.514	1.876	0.264	-1.732	-1.398	1.216	1.728
அர்ஜென்டினா	n/a	n/a	n/a	1.257	0.147	-0.408	-0.966	0.252
ஆர்மீனியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
அருபா	n/a	n/a	n/a	n/a	n/a	0.339	-1.1	-0.851
ஆஸ்திரேலியா	1.871	-0.978	-3.114	-2.898	-1.783	-0.498	0.568	1.22
ஆஸ்திரியா	-0.792	-1.029	-0.171	-2.019	-2.534	-2.908	-1.045	0.649
அஜர்பைஜான்	n/a	n/a	n/a	n/a	3.214	-1.24	-1.929	-0.827
பஹாமாஸ்	-1.458	-0.857	-0.84	0.459	1.055	1.619	1.316	-0.073
பஹ்ரைன்	-6.128	-3.186	-5.024	-2.177	-4.684	-3.355	1.002	-5.877
பங்களாதேஷ்	0.329	1.11	0.991	1.039	0.608	0.254	-1.255	-1.229
பார்படாஸ்	n/a	n/a	n/a	n/a	7.955	7.72	5.058	6.64
பெலாரஸ்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
பெல்ஜியம்	4.124	3.066	2.097	2.697	3.615	3.844	3.982	5.158
பெலிஸ்	n/a	n/a	n/a	n/a	n/a	n/a	-0.409	-0.423
பெனின்	-0.376	-0.597	0.788	1.907	0.814	-0.043	2.118	2.232
பூட்டான்	-6.384	0.208	-2.668	7.5	2.079	1.062	4.729	1.714
பொலிவியா	-1.773	-1.529	-1.818	-3.5	-0.498	1.112	0.863	-1.007
போஸ்னியா மற்றும் ஹெரேசுவீனா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
போட்ஸ்வானா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
பிரேசில்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
புருனே தாருஸ்	-1.626	-1.061	-8.282	-12.772	-22.55	-19.794	-8.704	-11.793
பல்கேரியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
புர்கினா பாசே	-6.646	-1.668	-1.371	-2.595	-0.623	-1.416	-0.894	-1.913
புருண்டி	n/a	n/a	-3.022	0.188	-0.52	-2.534	-8.125	-3.259
கபோ வெர்டே	n/a	n/a	n/a	n/a	-14.588	-11.599	-10.434	-9.525
கம்போடியா	n/a	n/a	n/a	n/a	n/a	n/a	-7.316	-3.59
கேமரூன்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
கனடா	-0.858	-3.166	-3.973	-3.726	-1.867	0.085	2.141	4.72
மத்திய ஆப்பிரிக்க குடியரசு	-5.57	-6.912	-5.981	-4.237	-5.224	-2.577	0.942	-0.185
சாட்	n/a	n/a	n/a	n/a	n/a	-2.324	-2.618	-1.845
சிலி	4.636	3.785	3.885	2.958	2.798	4.059	2.814	2.689
சீனா	-0.487	-0.689	-0.702	-0.623	-1.345	-0.44	-0.192	0.012
கொலம்பியா	2.396	3.387	2.665	2.084	1.719	0.928	-0.215	-1.065
கொமொரோஸ்	-0.171	-1.511	-1.403	1.879	-3.009	-3.581	-2.913	-0.743
காங்கோ ஜனநாயக குடியரசு	n/a	n/a	n/a	n/a	n/a	n/a	0.116	-0.466
காங்கோ குடியரசு	5.792	-3.315	-5.577	-4.665	-0.17	5.884	9.886	4.115
கோஸ்ட்டா ரிக்கா	-1.082	0.832	1.351	0.921	-2.214	0.856	0.597	0.872
கோட் டி 'ஐவோரின்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2.457
குரோவீயா	n/a	n/a	-4.82	-2.047	0.635	-2.623	-3.115	-3.089

சைப்ரஸ்	n/a	n/a	n/a	n/a	n/a	0.237	-1.639	-3.375
செ குடியரசு	n/a	n/a	n/a	n/a	n/a	-12.115	-2.547	-2.816
டென்மார்க்	2.618	1.428	0.641	-0.085	-0.237	0.13	0.689	1.999
ஜிபூட்டி	-2.81	-0.621	-5.706	-6.784	-4.663	-4.647	-1.275	-2.494
டொமினிகா	-3.359	-1.436	-0.432	0.378	-1.526	-1.003	0.377	-0.182
டொமினிக்கன்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.088
ஈக்வடார்	n/a	n/a	n/a	n/a	n/a	1.707	0.255	1.098
எகிப்து	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
எல் சல்வடோர்	1.077	0.625	-1.729	1.02	1.107	1.576	-0.8	-0.282
எக்குவடோரிய	-153.683	-229.16	-549.84	-210.737	-479.899	-117.68	-2.728	4.578
எரித்திரியா	n/a	n/a	6.891	4.27	8.848	-22.312	-17.352	-4.364
எஸ்டோனியா	n/a	n/a	n/a	n/a	n/a	0.17	-0.523	3.363
ஈஸ்வதினி	5.924	3.73	-2.11	-2.639	-2.919	1.276	-0.446	2.457
எத்தியோப்பிய	-5.962	-5.06	-3.882	-2.723	-3.009	-1.015	-2.228	-0.119
பிஜி	n/a	n/a	0.724	0.858	2.495	3.498	-0.847	-1.532
பின்லாந்து	4.748	-1.718	-6.866	-8.524	-5.417	-5.198	-2.016	0.396
பிரான்ஸ்	-0.259	-0.573	-2.139	-3.693	-2.633	-2.228	-0.837	-0.652
காபோன்	1.397	3.636	1.073	1.209	4.777	10.646	8.116	7.298
காம்பியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ஜார்ஜியா	n/a	n/a	n/a	n/a	n/a	-2.725	-4.461	-4.857
ஜெர்மனி	n/a	-0.966	0.009	-0.387	0.36	-6.327	-0.5	0.089
கானா	-1.507	-0.882	-4.018	-4.31	-3.487	-2.979	-3.741	-3.883
கிரீஸ்	-6.034	-3.167	-2.557	-2.708	1.143	0.964	2.099	2.274
கிரெனடா	-5.061	-1.885	0.609	1.923	-0.936	1.115	-1.277	-3.11
குவாத்தமாலா	n/a	n/a	n/a	n/a	n/a	0.531	1.204	-0.001
கினியா	-1.812	-1.566	0.227	-1.381	-1.451	-0.044	-1.227	1.116
கினியா-பிசாவ	n/a	2.805	0.81	1.596	-2.69	4.229	5.411	-0.445
கயானா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	2.772
ஹைட்டி	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.767
ஹோண்டுராஸ்	0.505	2.005	2.749	-1.496	1.606	2.187	2.515	2.563
ஹாங்காங் எஸ்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ஹங்கேரி	n/a	n/a	n/a	n/a	n/a	-0.512	3.08	1.615
ஐஸ்லாந்து	-0.99	1.104	0.012	-2.3	-2.336	-0.173	0.883	2.303
இந்தியா	-5.231	-4.874	-4.746	-5.385	-4.446	-3.45	-3.279	-4.871
இந்தோனேசிய	n/a	n/a	n/a	0.957	1.379	1.845	1.985	0.451
ஈரான் இஸ்லா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ஈராக்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
அயர்லாந்து	n/a	n/a	n/a	n/a	n/a	2.669	3.795	4.738
இஸ்ரேல்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
இத்தாலி	-1.783	-0.472	1.307	2.068	1.518	3.079	3.737	5.661
ஜமைக்கா	9.787	9.718	9.21	9.059	10.162	9.006	4.429	1.511
ஜப்பான்	3.165	2.695	1.673	-1.246	-2.666	-3.125	-3.671	-2.331
ஜோர்டான்	1.76	-0.702	10.044	3.69	2.615	3.168	1.121	1.229
கஜகஸ்தான்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
கென்யா	0.01	-3.071	-3.178	-1.905	1.438	3.495	2.461	1.515
கிரிப்து	-4.547	3.957	0.842	6.316	0.805	-5.024	-20.133	6.336
கொரியா	n/a	n/a	n/a	n/a	n/a	2.68	2.778	2.811

கொசோவோ	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
குவைத்	n/a	n/a	-26.862	-2.37	2.711	12.828	24.987	29.815
கிரீஸ் குடியரசு	n/a	n/a	n/a	n/a	n/a	-13.096	-7.881	-7.614
லாவோ பி.டி.ஆர்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
லாட்வியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
லெபனான்	-19.196	-14.458	-18.442	-1.133	-19.26	-3.099	-12.52	-9.99
லெசோதோ	12.994	10.89	6.418	8.195	5.528	4.087	-1.162	-2.358
லைபீரியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
லிபியா	4.651	9.594	1.219	-4.637	-1.603	4.791	12.241	-1.251
லிதுவேனியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
லக்சம்பர்க்	n/a	n/a	n/a	n/a	n/a	1.624	1.249	1.574
மக்காவோ எம்.டி.ஏ	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
மடகாஸ்கர்	0.689	-2.734	-2.235	-3.017	-2.679	-0.886	-0.18	0.532
மலாவி	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
மலேசியா	3.002	4.999	4.08	5.746	6.755	5.298	5.152	6.407
மாலத்தீவுகள்	-12.2	-9.421	-11.939	-13.07	-4.204	-5.907	-1.787	-2.05
மாலி	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
மால்டா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
மார்ஷல் தீவுகள்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	14.055
மவுரித்தேனியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
மொரீஷியஸ்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
மெக்சிகோ	4.647	5.843	5.57	0.505	-0.473	1.59	0.173	-0.04
மைக்ரோனேசியா	n/a	n/a	n/a	n/a	n/a	2.621	5.011	5.021
மால்டோவா	n/a	n/a	n/a	n/a	n/a	1.511	-4.309	-3.243
மங்கோலியா	n/a	-4.839	-7.771	-12.451	-9.29	-4.692	-6.355	-5.824
மாண்டினைக்ரோ	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
மொராக்கோ	3.579	3.478	2.498	2.62	1.949	2.113	5.113	5.754
மொசாம்பிக்	-3.057	-1.175	-0.241	-0.753	-3.159	-1.212	-1.034	-0.867
மியான்மர்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
நமீபியா	1.871	-1.302	-2.318	-2.164	0.273	-0.779	-2.383	-0.663
நூரு								
நேபாளம்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
நெதர்லாந்து	n/a	n/a	n/a	n/a	n/a	-4.482	2.393	2.368
நியூசிலாந்து	3.819	1.362	1.593	5.815	8.637	9.873	7.867	5.676
நிகரகுவா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
நைஜர்	n/a	n/a	n/a	n/a	n/a	-1.266	1.012	-1.146
நைஜீரியா	5.362	4.052	8.105	-2.247	-0.22	6.057	6.47	3.342
வடக்கு மாசிடோனியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	1.662
நோர்வே	-0.956	-3.192	-4.8	-3.896	-1.617	1.494	4.712	6.211
ஓமான்	4.357	-0.836	-5.036	-7.187	-7.541	-3.543	2.552	5.098
பாகிஸ்தான்	n/a	n/a	n/a	-1.732	0.056	-0.738	-0.555	0.107
பலாவ்								
பனாமா	n/a	n/a	n/a	n/a	0.994	2.246	4.288	1.914
பப்புவா நியூ கினியா	n/a	n/a	-2.378	-2.827	1.286	4.035	4.648	3.37
பராகுவே	9.791	4.279	3.833	5.145	5.715	4.174	3.579	4.041
பெரு	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
பிலிப்பைன்ஸ்	4.269	4.235	3.938	4.45	4.505	4.202	4.514	4.03

போலந்து	n/a	n/a	n/a	n/a	n/a	1.32	-0.3	-0.093
போர்ச்சுகல்	1.569	0.793	3.479	-0.709	-1.382	-0.581	-0.463	-0.305
புவேர்ட்டோ ரிசு	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
கத்தார்	n/a	-0.537	-1.099	-8.516	-10.92	-2.12	-4.039	-5.117
ருமேனியா	n/a	3.27	-4.31	0.581	-0.863	-1.963	-3.066	-1.407
ரஷ்யா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ருவாண்டா	n/a	n/a	-5.521	-4.684	-5.855	-0.01	-3.593	-1.166
சமோவா								
சான் மரினோ	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
சாவோ டோமே	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
சல்தி அரேபிய	n/a	-4.371	-7.77	-8.608	-6.996	-2.781	-0.6	0.152
செனகல்	n/a	n/a	n/a	n/a	8.617	4.552	2.656	2.691
செர்பியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
சீஷெல்ஸ்	19.897	11.09	14.299	4.273	1.401	7.119	0.371	3.854
சியரா லியோன்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
சிங்கப்பூர்								
ஸ்லோவா குடியரசு	n/a	n/a	n/a	n/a	n/a	-2.198	-8.254	-4.459
ஸ்லோவேனியா	n/a	n/a	n/a	n/a	n/a	-6.54	0.563	-0.357
சாலமன் தீவுகள்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4.268
சோமாலியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
தென்னாப்பிரிக்கா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
தெற்கு சூடான்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ஸ்பெயின்	-1.111	-1.6	-0.686	-2.622	-2.35	-2.453	-1.395	0.223
இலங்கை	-1.139	-3.127	0.034	-0.833	-2.038	-2.431	-1.687	-0.638
செயின்ட் கிட்ஸ்	2.92	3.216	2.693	2.286	2.878	2.684	-0.586	-0.752
செயின்ட் லூசியா	0.834	0.065	-0.108	0.321	0.506	0.455	0.09	-0.379
செயின்ட் வின்சென்ட்	2.264	0.374	-2.501	-0.56	1.172	2.461	2.832	-1.409
சூடான்	-16.083	-25.695	-23.524	-7.453	-1.065	-2.461	-1.656	0.036
சுரினேம்	-0.533	-7.111	-4.12	-2.712	-0.762	1.577	3.908	-0.297
சுவீடன்	5.128	1.754	-6.877	-9.855	-6.795	-4.593	-0.361	1.451
சுவிட்சர்லாந்து	0.377	-1.371	-2.312	-2.484	-1.82	-1.071	-1.245	-1.489
சிரியா	-3.641	-6.254	-6.563	-4.148	-5.459	-3.155	-2.428	-1.162
சீனாவின் தைவான் மாகாணம்								
தஜிகிஸ்தான்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
தான்சானியா	n/a	2.393	-2.6	0.423	-0.539	0.938	3.981	1.992
தாய்லாந்து	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
திமோர்-லெஸ்டு	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
போவதற்கு	0.268	-1.659	-0.639	-6.083	-2.955	-1.217	-1.623	0.411
டோங்கா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
டிரினிடாட் மற்றும் டொபாகோ	3.12	3.778	2.176	5.736	5.036	4.738	3.915	4.279
துனிசியா	n/a	-2.201	-0.429	-0.061	0.437	-0.978	-1.378	-0.427
துருக்கி	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
துர்க்மெனிஸ்தான்								
துவாலு	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
உகாண்டா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.007
உக்ரைன்	n/a	n/a	n/a	n/a	n/a	-3.249	-1.574	-3.625
ஐக்கிய அரபு நாடுகள்	n/a	5.448	3.6	-2.87	-1.783	3.586	0.924	6.712

ஐக்கிய இராச்சி	0.159	-1.436	-4.03	-5.171	-4.028	-2.951	-1.624	0.117
அமெரிக்கா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
உருகுவே	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
உஸ்பெகிஸ்தா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	-1.762
வனடு	n/a	-1.989	-1.442	-2.863	-0.849	-1.93	-1.225	-0.047
வெனிசுலா	8.859	1.885	-2.379	1.698	-6.058	0.343	12.831	5.585
வியட்நாம்	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
மேற்குக் கரை மற்றும் காசா								
ஏமன்	-8.316	-3.379	-9.314	-10.505	-11.51	-4.333	1.651	0.84
சாம்பியா	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
ஜிம்பாப்வே	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

மொத்த உள்நாட்டு உற்பத்தியில் சதவீதம்

முதன்மை இருப்புக்கான குறுக்கு நாடு ஒப்பீடு (மொத்த உள்நாட்டு உற்பத்தியில் சதவீதம்)

ஆதாரம்: உலக பொருளாதார அவுட்லுக் தரவுத்தளம், அக்டோபர் 2019, சர்வதேச நாணய நிதி

1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
n/a	n/a	n/a	n/a	n/a	n/a	n/a	-0.87	0.724	-2.431
-0.863	-1.129	-1.872	-2.645	-2.155	-0.606	-1.31	-0.221	-0.398	-0.535
0.087	1.684	12.538	6.368	3.014	9.221	7.65	12.365	13.636	5.443
0.227	-3.257	6.725	7.25	-0.208	-3.255	3.104	8.678	10.69	5.384
0.873	-1.106	0.024	-5.932	-5.818	-3.276	-0.048	-1.294	-3.764	-2.511
0.521	-0.659	0.211	-1.252	0.235	3.226	5.219	5.152	3.286	2.55
n/a	n/a	n/a	n/a	n/a	n/a	n/a	-1.517	-1.611	-2.018
1.447	1.538	1.885	0.554	-1.757	3.143	-6.404	-0.959	-0.339	1.185
1.142	1.646	1.926	0.687	0.851	1.342	1.312	1.564	1.467	1.283
0.19	0.22	0.666	2.024	0.584	1.149	-2.588	-0.186	-0.245	0.801
1.732	-0.633	0.539	22.024	19.672	1.833	1.99	2.908	0.85	2.545
1.018	3.141	1.298	1.425	-0.478	-0.496	-0.676	0.129	0.727	0.451
-4.809	-3.989	9.027	2.221	-2.415	-0.591	1.175	3.945	3.397	2.393
-1.34	-0.291	-1.325	-2.256	-0.995	-0.602	-1.02	-1.19	-0.848	-0.495
7.273	6.807	6.61	5.732	-1.384	0.939	0.568	0.558	0.107	-1.218
n/a	n/a	n/a	-4.036	-7.277	-6.247	-6.593	-6.365	-7.347	-7.434
5.97	5.832	6.179	6.239	5.32	3.086	4.235	1.325	3.996	3.666
-1.423	-5.264	-5.18	-5.134	-2.944	-5.192	-0.111	1.551	3.093	3.084
3.492	2.557	-3.13	-2.702	-2.796	-0.676	-0.219	-1.324	--	1.3
4.182	3.349	-0.813	-11.815	-3.874	-9.626	2.492	-5.824	0.874	1.73
-2.997	-1.843	-1.452	-4.218	-6.192	-5.059	-2.616	0.756	6.997	0.999
-0.155	-1.863	-3.513	-2.437	-1.958	0.27	0.401	1.337	2.834	0.795
n/a	5.666	8.319	-3.206	-4.359	-0.216	2.29	10.748	13.607	6.005
n/a	n/a	n/a	2.519	2.91	3.071	3.586	3.565	2.957	3.309
-23.997	-18.255	6.86	2.585	-4.613	8.061	8.565	16.009	19.78	3.119
4.694	3.737	3.247	2.988	1.165	1.697	3	3.385	4.129	3.668
-1.915	-2.632	-2.24	-2.81	-3.765	-1.179	-3.529	-4.329	14.853	-4.657
-2.797	-3.514	-4.159	-6.185	-2.944	-11.81	-13.027	-7.908	-8.069	-0.475
-0.967	-11.244	-15.895	-5.85	-6.451	-3.416	-1.846	-4.576	-4.386	0.134
-5.175	-3.596	-4.615	-4.813	-5.914	-5.524	-3.026	-0.151	-0.004	0.79
n/a	n/a	4.856	3.444	3.833	2.51	1.195	4.284	29.012	4.314
4.798	5.761	5.659	3.38	2.256	1.645	2.258	2.532	2.411	2.368
1.365	0.948	-0.139	0.548	0.384	-2.003	-0.934	-3.46	9.486	2.513
-1.119	-3.282	-3.779	-2.889	-3.326	-3.721	-1.469	0.166	1.886	2.014
0.897	-1.477	-0.055	-0.037	-0.678	0.112	2.549	5.006	7.681	7.77
-0.228	-1.662	-2.114	-1.872	-2.324	-1.691	-1.041	-0.967	-0.7	0.448
-1.072	-2.213	0.776	1.505	0.295	1.289	1.387	2.062	1.692	1.846
-1.409	0.097	-0.608	-1.472	-1.546	-1.444	-0.459	0.488	-1.083	-0.892
-0.639	-0.863	-1.377	-0.398	1.225	-1.202	-0.939	1.028	1.395	0.795
-4.976	5.56	7.236	6.191	0.313	5.623	8.079	17.909	20.199	11.387
0.761	1.581	0.529	1.088	0.002	1.416	1.361	2.021	2.718	3.58
2.087	1.567	2.091	2.989	1.422	0.155	0.463	0.4	0.225	0.845
-4.555	-9.159	-7.233	-2.925	-3.649	-3.664	-4.728	-1.966	-0.941	-1.204

-1.841	-1.986	0.078	-0.459	-1.937	-3.263	-1.375	0.441	1.323	5.371
-3.73	-2.624	-3.432	-5.426	-6.023	-6.442	-1.772	-2.375	-1.528	-0.023
2.615	3.738	4.368	3.163	1.939	1.512	3.44	6.044	5.812	5.568
-3.344	-4.827	-3.641	-3.397	-4.298	-3.886	-3.426	-0.871	0.58	-1.591
-3.997	-6.057	-4.705	-2.488	0.051	4.523	3.77	5.166	4.743	3.709
0.353	-0.122	-0.111	0.048	-1.183	-2.622	-1.826	0.515	-0.401	1.402
-1.372	2.311	5.709	4.34	3.849	3.692	4.205	2.664	4.883	4.387
n/a	6.626	5.879	2.672	-2.762	-1.421	-1.45	-2.297	-2.583	-0.59
-1.317	-1.541	-1.721	-3.316	-3.567	-1.912	-0.323	-0.901	-0.573	0.658
-5.936	0.899	-2.219	15.486	17.867	7.807	13.955	18.597	21.816	17.174
-38.89	-57.223	-22.082	-5.575	-8.831	10.322	-3.643	-26.929	-11.308	-15.716
1.046	-3.078	-0.036	0.333	0.286	1.392	2.115	0.851	2.505	2.195
1.521	-0.515	-0.648	-1.429	-2.502	-1.02	-2.946	-0.639	9.096	2.989
-2.087	-6.8	-7.209	-2.185	-4.266	-3.945	-1.416	-3.18	-2.994	-2.871
9.405	3.496	1.082	-1.995	-1.168	-1.03	1.416	1.173	1.72	3.372
3.063	2.964	7.616	5.355	3.965	2.265	2.085	2.544	3.728	4.777
0.495	1.04	1.249	1.216	-0.546	-1.51	-1.08	-0.917	-0.062	-0.158
-5.959	7.523	16.65	12.322	7.812	11.499	10.673	10.566	10.868	10.055
n/a	n/a	1.824	-0.655	2.157	0.794	1.239	0.518	-0.079	2.835
-1.502	-2.134	0.813	1.005	1.727	1.367	4.987	3.15	4.015	1.367
0.474	1.067	1.194	-0.408	-1.228	-1.07	-0.795	-0.857	0.742	2.665
-2.656	-3.661	-1.032	-1.262	-0.957	0.556	-0.267	-0.422	-1.841	-3.88
1.431	1.789	2.789	0.819	-0.455	-2.933	-4.043	-1.494	-1.529	-2.208
-1.173	0.064	-0.351	-4.068	-10.348	1.1	3.112	2.491	-3.763	-4.24
-1.138	-1.569	-0.575	-0.526	0.291	-1.232	0.262	-0.312	-0.541	0.045
3.215	-0.183	-1.182	-2.101	-2.204	-3.07	-1.884	0.93	0.289	2.83
-3.574	-1.598	0.365	2.22	-1.588	-3.495	-3.273	-3.054	-3.653	-7.07
1.173	3.101	2.123	0.437	1.241	-2.12	-0.528	-4.414	-4.301	-1.976
0.588	-1.073	-0.967	-1.204	-1.532	-1.701	-0.927	-0.225	-0.426	-1.129
5.288	3.784	3.467	-1.534	-4.952	-4.913	-2.617	-0.32	-1.851	-0.943
n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.28	2.13	5.727
-1.278	0.824	1.717	-0.025	-5.233	-3.508	-2.662	-4.038	-5.663	-1.351
1.986	3.248	2.919	0.738	-1.345	-1.213	1.314	5.445	5.736	4.838
-6.219	-4.874	-4.145	-6.447	-6.229	-6.498	-4.214	-2.486	-1.486	0.264
0.893	2.263	1.444	3.103	3.848	1.907	2.242	2.623	2.628	0.905
n/a	n/a	n/a	0.304	-3.226	-3.11	-2.818	-2.743	-5.695	-2.638
n/a	n/a	n/a	n/a	n/a	n/a	-34.907	3.92	10.729	9.488
5.111	5.629	6.464	2.032	0.607	1.438	2.26	2.429	3.513	0.889
n/a	n/a	3.161	0.664	-0.75	-0.995	1.208	2.029	3.171	3.717
4.491	4.331	3.423	2.573	2.327	1.523	0.968	0.236	0.61	3.181
4.729	8.135	10.063	6.879	6.063	10.505	10.237	9.852	7.083	7.872
-8.732	-5.42	-5.953	-4.901	-6.036	-6.181	-4.214	-3.61	-2.391	-2.193
-1.298	1.617	0.779	1.141	-1.184	0.8	1.43	-2.709	-1.153	-2.324
n/a	n/a	n/a	n/a	2.208	3.685	2.74	5.599	7.195	4.183
1.934	2.84	2.459	1.453	0.854	1.155	1.984	1.467	1.317	0.679
14.751	-1.66	0.112	-10.765	3.264	-8.827	-19.091	-9.845	-12.167	-12.372
1.763	2.182	5.107	3.526	4.218	2.352	1.048	2.047	2.44	1.83

n/a	n/a	n/a	n/a	3.395	1.57	-4.619	-2.286	2.644	6.364
19.863	28.245	52.331	45.088	31.053	27.138	30.808	36.449	24.429	32.571
-9.876	-10.581	-8.521	-5.086	-4.29	-3.656	-3.539	-2.239	-1.215	1.923
n/a	n/a	-3.238	-3.4	-2.457	-3.419	-1.091	-1.735	-0.931	-0.615
0.029	-2.768	-1.538	-1.072	-1.715	-0.829	-0.286	-0.469	0.019	0.918
-4.31	-2.719	-7.584	-4.551	0.406	2.625	2.463	1.95	2.624	1.712
-13.48	-15.29	0.848	-1.115	-0.062	2.402	7.552	5.412	14.099	12.375
n/a	n/a	0.075	-0.819	-1.412	0.563	-0.487	-0.467	4.25	2.345
-1.512	6.406	13.64	0.419	6.991	6.166	11.312	30.381	29.091	28.363
n/a	n/a	-2.818	-2.866	-0.913	-0.409	-0.819	0.071	0.047	-0.614
1.877	2.489	4.442	4.294	0.922	-0.611	-2.132	-0.86	1.14	3.37
n/a	n/a	n/a	3.263	2.662	4.799	7.798	8.315	9.741	16.377
-2.996	-0.587	-0.398	-1.962	-2.288	-1.42	-1.702	-0.203	-3.632	-1.334
n/a	n/a	n/a	n/a	-2.456	1.074	1.232	1.387	2.427	-1.1
1.055	-1.456	-4.555	-2.924	-2.353	-4.499	-2.919	-1.44	-1.643	-1.873
-2.431	-2.947	-3.668	-3.585	-3.552	-3.184	-1.828	-7.342	-3.92	-2.835
n/a	n/a	-1.882	-2.224	-2.416	-0.5	-1.761	-2.21	28.213	-2.429
n/a	n/a	-1.498	-2.52	-1.539	-5.447	-0.56	0.969	1.26	1.433
18.369	12.836	9.606	9.074	5.552	11.209	-0.97	-21.652	0.879	0.867
n/a	n/a	n/a	n/a	n/a	n/a	-1.153	-1.093	3.519	-0.367
n/a	n/a	-0.74	-1.913	-1.53	-0.982	-0.724	-0.806	-0.512	0.656
-1.951	-1.512	0.327	1.128	0.807	0.612	1.366	1.269	1.363	1.022
-1.654	-3.93	-2.727	-5.289	7.512	2.846	-15.403	-5.478	-5.29	-3.378
3.096	4.397	2.699	3.84	0.977	2.57	2.503	2.69	0.597	1.336
-11.163	-8.307	-4.335	-3.141	-3.473	-2.418	-0.635	3.115	8.034	3.013
n/a	n/a	n/a	n/a	-0.463	-3.062	-0.901	-0.276	5.431	9.47
5.577	7.187	2.216	0.095	-1.013	-0.586	-0.295	-2.572	1.027	2.617
-0.373	0.09	-1.139	-4.026	-2.46	-1.794	-2.431	-1.448	-2.462	-1.734
-3.527	-3.1	-4.479	-4.768	-2.733	-3.106	-3.462	-2.364	-2.394	-2.504
-0.616	0.223	1.025	-0.304	0.593	-2.299	-0.496	2.011	5.674	7.735
n/a	n/a	-0.781	-1.707	-1.596	0.677	0.654	0.952	0.828	-0.055
2.332	3.371	3.667	1.695	-0.097	-1.328	-0.09	1.105	1.382	1.106
3.468	2.339	3.391	3.651	4.617	5.635	6.229	6.411	5.437	4.173
n/a	n/a	4.265	2.992	5.41	4.258	3.211	3.129	2.12	1.928
-0.995	-3.007	-1.468	-1.168	-1.037	-1.29	-2.352	-1.088	31.243	-0.488
-2.965	3.19	8.123	0.794	3.223	1.907	6.867	6.775	9.436	-0.488
0.174	1.438	4.048	-4.155	-3.858	0.947	1.234	1.06	0.429	1.359
2.045	4.289	13.445	11.328	6.994	5.395	8.949	12.844	15.765	14.218
-4.322	0.8	12.443	7.449	4.97	4.051	4.732	10.454	11.029	9.15
0.019	1.369	1.549	1.691	1.43	3.03	1.287	0.151	-0.339	-0.931
-0.089	1.617	2.441	0.971	-0.052	-0.892	-1.096	1.153	3.971	5.756
2.81	1.155	3.343	1.504	0.91	3.845	3.929	4.373	6.59	8.262
5.454	3.83	0.855	1.678	-0.304	1.439	2.016	2.059	2.799	2.615
n/a	n/a	0.4	0.128	0.765	0.557	1.061	1.565	3.956	5.181
2.588	1.362	0.854	1.165	0.618	1.33	2.121	3.424	4.563	3.271

-0.257	0.64	-0.986	-1.622	-1.934	-3.065	-2.301	-1.476	-1.171	0.295
-1.589	-0.411	-0.873	-2.28	-1.253	-3.254	-3.689	-3.812	-1.584	-0.338
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
-0.247	1.218	8.897	8.906	11.255	9.045	19.39	10.969	9.322	11.028
-0.708	1.645	0.831	0.599	0.383	-0.19	-2.291	0.413	-0.721	-2.502
-3.152	1.888	7.106	5.459	2.59	2.796	5.635	8.342	8.319	5.584
-1.731	-3.524	0.366	-1.125	-1.296	-0.348	3.142	1.822	0.596	-1.062
n/a	n/a	n/a	n/a	n/a	n/a	2.658	3.783	1.701	2.02
n/a	n/a	n/a	-9.609	-6.862	-12.998	-22.202	29.365	19.042	126.464
-7.494	-3.142	6.57	-0.529	-2.984	3.82	11.357	18.769	21.299	10.822
1.852	0.432	1.843	-0.806	1.01	0.361	1.063	0.442	-2.975	-2.286
n/a	n/a	0.347	0.99	-2.17	-1.633	1.223	2.394	0.458	-0.124
-6.546	-1.14	-7.286	-1.642	-8.643	10.298	6.894	6.83	2.792	-3.362
n/a	n/a	1.229	-1.764	-0.837	-0.934	1.697	1.441	1.349	21.83
-3.3	-4.385	-9.538	-4.104	-5.256	-1.461	-0.873	-1.747	-2.69	-1.101
-0.576	-1.115	-1.876	-2.66	-0.637	-1.151	-0.536	-0.025	-0.072	0.975
5.196	2.222	-0.778	-2.26	-3.575	10.933	17.969	14.114	13.493	18.286
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
n/a	n/a	2.971	3.023	2.528	1.517	1.887	2.575	3.258	3.413
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
1.04	1.904	1.646	2.035	1.946	1.638	1.657	2.718	3.379	2.959
-2.378	-0.993	-3.151	-3.004	-0.884	-0.349	-1.48	-1.792	-1.576	-1.493
-3.146	-8.587	-9.935	-6.898	-6.689	-0.293	-1.239	2.364	4.278	4.684
3.114	2.559	0.189	-1.448	-1.398	-1.156	-0.299	-3.433	-2.734	0.718
-0.345	0.072	1.402	0.378	-0.018	-0.48	-0.851	-1.992	-0.636	-0.747
0.107	-0.052	0.326	-0.121	0.385	2.078	1.336	-0.87	-0.377	-2.093
-6.389	-4.917	-7.675	3.982	-2.574	1.378	-0.452	-1.6	1.997	6.14
3.425	3.105	5.217	3.098	0.549	0.004	1.272	2.794	3.032	3.991
-0.373	-0.477	1.27	1.11	-0.779	-0.465	-0.518	0.226	1.645	2.13
-2.257	-0.813	-0.736	2.93	-1.416	-2.005	-3.314	-3.253	-0.084	-2.195
-4.375	-3.447	-3.189	-0.589	-0.517	-0.505	-1.617	-2.327	2.496	2.592
1.384	0.302	0.558	0.714	0.144	-1.067	-1.692	-2.395	-2.508	-0.559
n/a	n/a	-0.591	-0.519	-5.383	3.074	2.365	3.391	3.233	1.275
n/a	n/a	n/a	n/a	-7.639	-8.238	-7.479	-10.497	41.032	-29.932
-1.844	-0.317	-2.068	0.509	0.829	2.514	1.725	-0.952	-1.313	-0.406
n/a	2.293	1.884	2.7	3.167	2.892	4.916	4.988	1.91	5.918
2.696	2.704	4.842	4.386	3.421	5.504	4.701	4.936	3.526	5.052
0.148	-0.111	-0.341	-0.217	0.104	-0.207	0.327	-0.171	0.02	-0.206
n/a	n/a	3.728	4.589	2.261	4.145	4.611	4.334	4.118	2.634
n/a	n/a	n/a	n/a	n/a	n/a	n/a	-13.176	-37.285	-23.601
0.102	-0.416	0.186	-0.09	-1.011	0.323	1.625	0.916	0.307	0.089
-0.409	7.243	-0.177	-1.035	-0.531	0.097	-3.483	-1.525	-0.733	-1.459
0.997	1.307	10.728	1.298	-1.21	2.356	6.456	16.024	20.151	17.133

1.763	2.462	3.054	1.82	-0.585	-1.806	-1.698	-1.551	-1.147	-0.964
n/a	n/a	n/a	1.769	-1.717	-2.812	-2.351	-1.084	-0.074	-0.847
n/a	-1.143	-0.881	-0.639	0.414	2.977	3.704	3.782	3.387	3.415
-2.493	-2.429	-3.212	-2.885	-6.018	-4.621	-3.534	-3.331	2.87	3.675
-5.999	0.206	-5.563	-2.575	-2.762	-0.43	1.725	2.667	1.181	0.891
-0.608	4.584	7.53	-1.195	3.735	5.383	6.227	7.07	0.483	-1.191
0.348	-0.788	-0.979	-1.458	-1.071	-1.738	0.58	-0.383	0.792	-0.939
-4.742	3.478	8.308	4.789	1.291	-2.444	-0.047	0.331	3.498	-4.923
n/a	n/a	3.901	-3.656	-0.922	-1.899	0.511	-0.047	18.543	0.342
n/a	n/a	n/a	n/a	n/a	n/a	n/a	-2.749	0.066	-0.961

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2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
-3.845	-1.742	0.945	-0.573	0.257	-0.544	-1.685	-1.326	0.192	-0.604
-1.987	-3.413	-0.164	-0.355	-0.327	-2.005	-2.585	-1.624	0.965	0.652
8.313	-6.187	-1.096	-0.822	-3.798	-0.546	-6.949	-13.653	-11.61	-6.745
-2.389	-6.048	4.557	8.983	4.992	0.447	-4.677	-1.136	-1.678	-2.963
-2.595	-10.778	1.806	-1.438	1.199	-1.678	-0.179	-0.087	2.395	-0.138
1.865	-0.488	-0.538	-1.587	-1.696	-2.64	-3.5	-4.418	-4.762	-4.228
-1.465	-7.171	-4.107	-1.942	-0.551	-0.567	-0.666	-3.368	-3.693	-2.633
4.21	-0.084	-0.597	-3.518	-5.738	-2.679	-3.703	2.301	2.625	1.438
-1.132	-4.524	-4.881	-4.084	-2.866	-2.073	-2.078	-1.869	-1.52	-0.847
0.683	-3.166	-2.102	-0.276	0.051	0.237	-0.726	0.734	0.123	0.65
17.342	6.036	13.836	10.935	3.813	1.749	2.891	-4.462	-0.743	-0.909
0.529	-0.884	-0.792	-0.778	-1.463	-3.176	-2.559	-1.251	-0.298	-4.308
4.811	-5.007	-8.746	-4.038	-4.695	-7.322	-1.655	-15.994	-14.463	-10.459
-1.576	-0.861	-0.683	-1.589	-0.993	-1.219	-0.879	-1.584	-1.568	-2.631
-0.497	-2.55	-2.944	1.538	-1.853	-3.74	-0.544	-2.01	2.234	3.329
-10.353	-6.48	-3.535	-1.733	1.735	0.004	1.127	-1.29	0.31	1.636
2.431	-1.992	-0.893	-1.19	-1.16	-0.191	-0.186	0.158	0.005	1.379
4.215	0.568	1.057	1.748	1.326	0.862	0.34	-3.017	-2.139	-0.998
0.196	-1.9	0.1	-0.686	0.191	-1.044	-1.371	-5.014	-3.384	-2.761
0.582	2.047	4.418	-0.938	-0.198	-2.172	4.46	1.35	-0.367	-3.294
5.505	4.275	3.017	2.059	2.738	1.552	-2.451	-5.934	-6.253	-6.712
-3.408	-4.833	-3.469	-2.101	-1.947	-0.551	-2.104	0.605	1.188	2.605
-7.299	-13.334	-7.411	0.418	1.464	5.374	4.2	-4.265	0.921	-0.587
3.291	1.922	1.986	3.121	2.892	1.972	-0.313	-0.377	-1.6	-2.201
36.14	3.61	7.612	25.632	15.786	13.025	3.576	-14.523	-21.68	-10.397
2.654	-0.583	-3.522	-1.521	-0.147	-1.31	-3.432	-2.402	1.827	1.159
-3.326	-3.781	-3.631	-1.542	-2.111	-3.025	-1.098	-1.464	-2.223	-6.07
-1.187	-3.943	-3.043	-2.585	-2.989	-1.123	-3.425	-7.047	-6.46	-4.339
-0.517	-5.061	-8.291	-5.692	-7.804	-6.873	-5.197	-1.801	-0.457	-0.333
0.588	-3.811	-2.901	-3.543	-3.333	-1.755	-0.988	-0.256	0.044	-0.343
2.301	0.207	-0.693	-1.949	-1.063	-3.207	-3.702	-3.879	-5.159	-3.895
0.466	-2.776	-3.9	-2.701	-1.822	-0.994	0.451	0.588	0.131	0.089
0.847	0.969	-0.386	-1.542	0.095	-1.71	-2.671	-0.05	1.829	-0.747
2.742	-7.671	-2.695	2.251	0.702	-1.179	-2.765	-2.034	0.045	1.016
3.573	-4.459	-0.312	1.524	0.792	-0.389	-1.352	-1.871	-2.377	-2.267
0.386	-1.322	0.089	0.394	0.187	-0.324	-0.128	-2.031	-2.712	-2.647
2.2	-1.052	-1.252	0.089	1.821	0.947	-0.161	-1.715	-0.351	-0.497
-1.049	0.695	4.512	1.124	2.213	10.599	-0.268	2.683	-5.433	-0.03
-0.076	1.237	-0.688	-0.267	2.28	2.239	4.692	0.961	-0.217	0.979
26.397	6.079	16.333	16.145	7.247	-2.651	-10.55	-17.159	-12.699	-4.009
2.281	-1.208	-2.928	-1.831	-2.229	-2.766	-2.967	-2.871	-2.366	-2.902
1.045	0.062	-0.195	-1.579	-1.044	-0.615	-0.683	-0.944	-1.723	-2.03
-1.188	-5.532	-4.661	-5.298	-2.811	-2.83	-2.253	-0.39	1.8	3.234

3.101	-3.427	-3.207	-4.066	-2.915	-1.879	2.799	2.968	2.713	4.228
-1.325	-4.485	-3.129	-1.636	-2.738	-0.193	-0.979	0.271	1.496	2.145
3.35	-2.374	-2.115	-1.444	-2.972	-0.83	1.595	-0.592	0.407	1.692
0.871	-3.566	-0.752	-0.944	-1.738	-0.104	-6.692	-15.138	0.064	0.848
2.409	1.032	-1.848	-2.869	-3.414	-0.84	-3.955	13.262	13.228	-1.222
-1.909	-1.053	-1.135	-1.035	-4.382	-2.178	-0.399	2.28	-0.57	-0.541
1.72	-3.133	-0.78	0.508	-2.318	-7.936	-7.812	-6.407	-9.683	-4.688
-2.377	-3.196	-3.159	-4.756	-4.68	-5.616	-4.031	-3.908	-4.084	-2.381
-0.912	-3.629	-2.213	-1.917	-1.3	-1.757	-1.316	-0.902	-0.189	0.674
14.642	-6.426	-4.291	1.11	-6.96	-4.055	-7.076	-14.707	-10.507	-2.167
-32.421	-17.615	-12.33	-2.065	-1.943	-5.647	1.474	-0.779	0.73	-3.626
-3.354	-3.117	-0.627	0.402	-0.829	-0.329	0.215	-0.442	-1.023	-1.057
2.435	-2.242	-8.451	-3.034	4.145	1.318	-2.003	-5.358	-8.12	-5.685
-2.429	-0.551	-0.909	-1.236	-0.873	-1.592	-2.225	-1.536	-1.839	-2.793
4.151	0.285	2.074	2.974	2.731	3.14	-0.492	-0.899	-2.852	0.461
3.649	-2.852	-2.47	-0.997	-1.944	-2.424	-2.835	-2.285	-1.416	-0.393
-0.615	-4.94	-4.606	-2.683	-2.548	-1.914	-1.85	-1.75	-1.892	-1.325
12.642	8.202	4.059	2.512	7.273	-1.514	7.595	0.909	-2.386	0.827
0.957	0.271	-1.156	-0.685	-0.152	-2.424	-0.244	-0.599	-1.159	-0.03
-1.307	-5.439	-3.546	0.296	0.199	-0.433	-0.996	-0.208	-0.388	0.713
2.215	-0.771	-2.242	1.122	1.857	1.484	1.813	2.043	2.094	2.171
-4.245	-3.238	-5.15	-3.494	-5.723	-5.585	-3.35	0.938	-1.496	1.198
-5.361	-10.175	-5.303	-2.836	-1.497	0.104	-0.259	0.566	3.519	4.265
-2.007	-2.179	-1.187	-2.256	-2.004	-3.939	-0.654	2.54	5.563	5.679
-0.247	-1.709	-1.8	-1.322	-0.876	-0.586	-0.45	0.128	0.429	0.136
2.091	-3.465	-8.268	0.533	24.537	-3.021	-2.19	-5.727	0.948	-1.151
0.987	3.839	-0.079	-1.236	-2.098	-1.604	-1.956	-2.486	-4.654	-0.845
-1.484	-1.501	-0.797	-1.15	-2.48	-1.616	-3.307	-0.158	-2.615	-2.463
-1.414	-1.656	-1.207	-1.214	-2.511	-3.773	-3.41	-1.375	0.294	-0.176
-1.318	-5.764	-4.063	-3.196	-3.596	-5.566	-2.63	0.02	0.219	0.205
-2.485	-0.211	2.299	1.894	1.329	-0.676	3.597	0.591	3.572	4.705
-0.184	-0.792	-0.685	-1.49	1.86	1.655	0.967	1.315	1.2	0.12
-13.462	-6.117	-4.185	-4.218	0.32	1.877	3.775	3.21	15.461	3.95
-4.411	-5.051	-4.497	-4.003	-3.191	-2.439	-2.574	-2.684	-2.519	-1.496
1.687	-0.084	0.045	0.487	-0.42	-1.033	-0.542	-1.37	-1.087	-0.67
-4.945	-3.683	-0.888	-0.671	-0.499	-0.753	-0.966	-1.403	-1.349	-0.953
-0.981	-14.761	-3.692	5.461	4.458	-5.702	-5.374	-12.198	-13.799	-0.517
-6.335	-12.43	-29.927	-11.128	-5.236	-2.854	-0.26	0.341	1.461	1.642
1.167	-2.17	-0.247	0.043	-1.361	-1.084	-0.225	0.579	0.163	0.748
2.119	-0.913	-0.127	0.847	2.031	1.783	1.432	1.382	1.336	1.176
4.938	6.188	4.62	3.17	5.399	7.636	7.474	7.152	7.6	7.462
-3.264	-8.679	-8	-7.784	-6.973	-6.48	-4.506	-2.631	-2.532	-2.164
-2.562	-6.683	-5.814	-7.833	-11.793	-7.113	-5.018	-5.15	-0.768	-0.73
1.54	-1.417	1.816	5.708	3.783	4.418	2.014	-5.887	-4.279	-5.229
-0.369	-1.574	-1.984	-1.931	-3.529	-3.226	-3.426	-4.215	-4.661	-4.199
-15.739	-8.443	-7.708	-17.479	-5.426	11.798	35.097	42.654	20.218	34.235
1.183	-0.445	0.936	1.067	1.251	0.383	0.171	0.19	1.359	1.844

-0.425	1.468	-1.068	-0.865	-2.464	-3.198	-2.43	-1.851	-1.495	-1.205
19.995	27.191	28.187	34.318	36.389	33.301	19.144	-0.026	-4.797	-0.128
2.673	1.178	-5.125	-3.741	-4.919	-2.857	-2.309	-1.697	-4.888	-2.864
-1.412	-2.716	-1.021	-0.892	-1.662	-3.154	-2.414	-4.806	-4.164	-4.747
-2.757	-5.813	-5.014	-1.806	1.698	0.886	-0.198	0.253	0.719	0.278
1.486	2.769	2.722	3.467	-0.198	-0.729	2.492	1.447	0.434	0.757
8.807	-3.376	-1.039	-9.152	5.317	-1.775	3.764	-0.397	-8.601	-1.072
-2.566	-1.249	1.277	-4.33	-2.854	1.387	-4.679	-3.428	-3.54	-6.699
27.677	-5.459	11.469	-11.45	24.613	-16.299	-30.508	-28.492	-29.29	-11.062
-2.861	-8.207	-5.239	-7.241	-1.144	-0.775	1.069	1.473	1.768	1.742
2.16	-0.715	-0.531	0.334	0.288	0.681	1.087	1.062	1.647	1.145
17.479	13.365	19.405	24.671	23.981	26.986	24.16	13.817	11.415	13.274
-1.028	-1.578	-0.051	-1.315	-1.627	-2.824	-1.49	-2.157	-0.368	-1.408
-1.611	-1.429	2.069	-1.311	-0.437	-1.178	-0.01	-1.874	-1.845	-2.385
-2.043	-4.892	-2.903	-1.985	-2.071	-2.14	-0.906	-0.933	-0.759	-0.616
-9.398	-16.205	-11.754	-6.516	-4.57	-1.698	-0.756	-4.468	-8.294	-1.712
-1.65	-3.381	-2.167	-2.839	-0.439	-1.877	-2.298	-1.229	-3.27	-2.028
-0.759	0.088	0.766	0.133	-0.379	0.583	1.166	1.456	3.225	5.058
4.604	2.114	4.086	2.963	0.03	0.4	3.61	3.219	4.274	4.693
-1.994	-2.282	0.518	0.851	2.298	0.06	-1.847	-1.554	0.905	1.445
1.032	0.196	0.09	-0.317	0.929	-0.925	-0.706	-1.255	-0.466	0.706
1.97	-0.991	-1.163	-0.685	-0.878	-0.912	-1.684	-1.166	0.341	2.546
-1.334	2.19	0.749	-0.243	1.229	3.323	11.686	10.924	7.725	14.802
0.294	-4.988	-1.532	-1.368	-1.272	-1.124	-1.118	-1.189	-0.42	0.463
-4.217	-4.749	0.859	-3.731	-5.489	0.483	-1.474	-1.85	-11.174	0.411
-1.529	-5.86	-3.864	-5.276	-3.966	-2.371	1.568	-3.601	-4.018	-4.427
2.969	0.524	-1.866	-4.02	-4.372	-2.317	-2.22	-1.983	-1.968	-0.876
-1.497	-3.943	-2.714	-3.493	-2.578	-1.695	-8.736	-5.379	-2.636	0.964
-1.626	-2.207	-3.902	-3.351	-1.396	-0.435	-0.066	-1.615	-2.603	-1.524
4.666	0.85	-3.852	-5.92	-1.675	-3.215	-4.983	-6.619	-6.846	-2.008
0.313	-1.61	0.029	0.024	-0.403	2.241	1.849	0.922	1.463	-2.401
1.478	-3.983	-4.175	-3.167	-2.783	-1.809	-1.146	-0.956	1.03	2.164
1.841	-1.456	-4.891	-4.16	-1.287	-0.506	0.304	1.006	1.62	1.976
-0.192	-1.037	0.12	0.362	0.492	-0.458	-0.89	-1.07	-1.189	-0.725
1.28	-3.759	-0.831	-1.946	-0.604	-1.704	-5.825	-6.283	-3.78	-3.393
6.33	-4.675	-3.543	1.274	0.845	-1.675	-1.459	-2.67	-3.363	-4.06
-0.296	-2.038	-1.685	-1.726	-2.904	-2.918	-3.23	-2.32	-1.557	-1.373
15.454	7.851	8.819	11.227	11.866	8.71	6.305	3.436	1.535	2.568
13.595	-1.172	4.16	7.825	2.928	2.249	-1.866	-14.075	-20.013	-11.089
-2.066	-0.194	-1.525	-2.696	-3.764	-3.524	-0.263	-0.454	-0.063	-1.379
2.795	1.243	0.518	-0.012	-0.1	-0.455	-1.456	-0.773	-0.329	-0.52
3.992	-4.04	4.01	3.204	-0.171	-5.778	-4.632	-2.819	-2.827	-0.372
2.994	0.13	1.117	1.955	-0.76	-0.497	0.07	-0.99	0.493	0.11
3.885	-0.367	1.027	3.073	2.987	1.707	0.73	-1.136	-1.222	-1.835
3.272	0.599	0.653	2.096	2.291	2.74	3.477	2.108	1.036	0.876

-1.491	-4.8	-4.954	-2.445	-1.121	-1.714	-1.691	-0.839	-0.683	0.079
-0.975	-7.157	-8.68	-3.837	-1.903	-0.929	-2.957	-0.069	1.949	0.652
n/a	n/a	n/a	n/a	n/a	n/a	-0.953	-0.24	0.377	1.18
9.986	15.306	5.841	6.688	10.004	20.546	14.525	19.935	-7.718	-5.424
-4.006	-5.879	-4.985	-2.669	-0.706	-0.766	-0.481	-0.108	-1.257	-1.765
4.737	-6.197	-3.079	1.709	0.655	-0.825	-0.677	-3.136	-3.235	-0.96
1.271	0.613	-0.228	-0.458	-1.975	-0.431	-3.146	-1.844	-1.304	-1.481
0.387	-2.318	-2.155	-3.956	-6.998	-7.643	1.292	-3.075	0.145	-3.194
14.498	-17.317	-11.66	-12.432	-11.587	2.706	-5.474	-6.67	-4.488	-2.497
28.569	-5.533	4.73	11.525	11.63	5.12	-4.191	-17.452	-16.525	-11.266
-3.017	-3.067	-3.184	-3.689	-2.991	-3.124	-2.556	-2.144	-1.609	-1.051
-3.822	-2.7	-2.433	-2.665	-4.57	-2.699	-3.085	-0.37	1.787	3.916
14.743	13.509	6.503	6.436	6.595	5.299	5.837	4.749	3.573	3.055
-1.854	-1.092	-3.45	-2.586	-3.412	-0.977	-2.627	-3.739	-7.629	-6.59
-1.605	-7.038	-6.359	-2.952	-2.764	-1.181	-1.416	-1.177	-1.159	0.234
-0.708	-4.931	-4.518	-5.232	-2.568	-12.591	-2.702	--	0.717	2.123
2.785	2.875	6.364	6.506	4.812	3.878	2.473	1.3	-3.057	-0.791
n/a	n/a	n/a	n/a	n/a	-0.113	-0.056	0.242	0.461	0.374
1.55	-2.621	-2.284	-1.402	-1.595	-1.248	-1.159	-1.44	-0.617	-0.762
n/a	n/a	n/a	4.841	-14.036	-2.86	-8.49	-15.708	-17.961	6.827
-3.535	-9.957	-8	-7.773	-9.005	-4.547	-3.109	-2.698	-1.899	-0.871
-1.858	-2.914	-1.409	-1.248	-0.895	-0.537	-1.942	-2.081	-0.23	0.014
4.047	4.321	1.433	6.47	9.168	13.886	10.219	7.308	4.995	2.563
1.583	-0.301	-1.611	-2.864	-4.721	-1.693	0.063	0.836	1.74	0.776
0.488	-0.726	-1.546	-1.688	-0.114	-3.84	-1.442	-0.216	2.246	1.53
1.295	-2.861	1.087	-1.27	-6.25	-5.28	-3.919	-3.161	-3.509	-5.607
2.987	3.198	0.654	3.222	-1.063	-2.092	-3.867	-6.135	-6.844	-4.582
2.426	-0.387	0.254	0.116	-0.878	-1.262	-1.43	0.006	0.947	1.335
2.448	0.992	0.828	1.079	0.604	-0.175	-0.009	0.778	0.415	1.275
-2.248	-2.249	-7.255	n/a	n/a	n/a	n/a	n/a	n/a	n/a
2.251	0.301	-2.216	1.122	0.967	0.245	1.485	-1.456	-2.224	-5.211
-1.154	-3.821	-4.067	-2.774	-3.032	-2.564	-1.557	-1.713	-0.606	0.402
1.912	-1.181	0.032	1.285	0.349	1.635	0.323	1.139	1.422	0.517
-18.562	-17.17	-19.793	-25.38	-38.689	-14.367	-37.528	-33.119	-55.406	-33.061
-0.059	-2.002	-1.021	-2.333	-3.962	-4.178	-5.861	-5.053	-5.276	1.102
2.776	7.648	-0.433	-5.173	-0.761	-0.389	7.293	-1.904	2.316	4.391
7.37	-2.435	2.387	1.073	0.393	-1.17	-2.67	-5.4	-7.492	-7.633
1.351	-0.67	1.285	-1.436	-3.183	-5.263	-1.339	-3.117	-3.784	-3.393
1.467	-1.537	-0.002	1.759	0.674	1.056	0.788	0.914	-0.234	-0.349
-18.266	-17.083	-27.893	-11.985	7.584	25.751	-3.912	1.975	22.629	-1.513
-1.104	-0.838	-3.943	-1.325	-1.371	-2.125	-1.53	-1.181	-0.581	-1.77
-2.625	-5.104	-4.141	-0.792	-2.385	-2.334	-1.153	3.003	1.636	1.389
17.671	-5.95	0.847	5.345	9.077	8.585	2.057	-6.35	-2.905	-0.03

-3.535	-8.584	-6.684	-4.577	-5.089	-3.944	-3.695	-3.081	-1.688	-0.667
-4.589	-11.288	-8.966	-7.42	-5.905	-2.584	-2.056	-1.693	-2.374	-2.781
1.382	1.119	1.8	1.84	-0.115	0.419	-0.5	0.246	-0.259	-0.155
6.057	1.88	2.597	5.128	5.797	2.037	1.781	-0.403	0.556	0.928
0.538	-0.343	-2.115	-1.615	-1.031	0.529	2.203	-8.119	0.33	-0.768
-2.015	-7.222	-3.173	-6.079	-6.547	-7.487	-7.488	-6.821	-7.672	-13.098
0.368	-3.932	-1.324	-0.06	-4.483	-4.755	-3.665	-3.403	-1.625	-0.411
-2.138	-7.717	-1.661	-0.173	-0.873	-1.455	1.506	-2.57	-3.158	-4.671
0.748	-0.722	-1.023	-0.834	-1.834	-4.921	-3.211	-6.029	-2.244	-3.509
0.253	-0.121	1.106	-2.249	0.257	-0.715	-0.412	-0.917	-6.002	-9.373

2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
1.694	-1.019	-2.206	-0.462	-0.989	n/a	n/a	n/a	n/a	n/a
0.611	0.211	-4.612	-2.667	-1.805	0.925	0.356	-0.003	0.031	0.028
-5.705	-8.015	-9.697	-5.743	-1.252	-1.785	-6.736	-5.948	-4.667	-4.517
7.024	6.356	5.029	9.002	4.687	5.456	8.008	8.303	7.541	6.568
0.041	-1.236	-3.674	-2.339	-1.68	-0.384	0.926	0.961	1.014	1.043
-2.238	-0.407	-6.24	-2.519	-1.736	-1.848	2.202	2.885	3.189	3.377
0.559	1.431	-2.74	-1.997	0.222	0.65	-1.516	-1.475	-1.009	-0.46
1.132	3.537	-11.112	-4.791	3.401	5.28	5.652	5.242	5.038	4.921
-0.412	-3.582	-7.819	-5.614	-1.356	0.21	-0.017	0.013	0.37	0.661
1.417	1.677	-6.942	-4.936	-2.817	-1.638	-1.65	-1.174	-0.835	-0.792
6.106	9.648	-5.607	4.879	6.448	2.106	-0.587	-1.277	-1.267	-1.24
-0.812	0.836	-4.381	-8.957	-1.336	0.291	1.785	2.358	2.562	2.721
-7.474	-4.553	-12.825	-6.262	-0.977	-4.254	-2.154	-2.671	-3	-3.108
-2.467	-3.714	-3.001	-1.606	-2.135	-2.557	-2.763	-2.313	-2.543	-2.536
3.43	5.817	-0.971	-0.88	2.486	3.441	4.033	4.453	4.46	4.476
3.771	2.647	-1.213	-0.231	-3.05	-0.671	0.043	0.012	-0.2	-0.459
0.968	-0.27	-7.184	-3.959	-2.268	-3.138	-2.687	-2.773	-3.012	-3.212
1.25	-0.273	-6.803	-1.853	1.257	1.298	1.181	1.177	1.179	1.179
-1.385	1.057	-2.725	-3.467	-3.909	-2.817	-2.052	-1.275	-1.359	-1.388
-0.274	-0.614	-1.363	-4.797	-5.452	-3.039	-3.197	-2.647	-0.575	-1.34
-6.951	-5.847	-11.228	-7.978	-5.5	-4.912	-5.707	-5.29	-5.068	-4.925
2.368	2.119	-3.888	1.266	1.54	0.175	-1.246	-1.054	-0.679	-0.146
-4.478	-7.883	-10.217	-1.865	0.658	0.244	-2.712	0.151	1.366	1.406
-0.957	-0.335	-7.859	1.961	2.11	-1.921	-0.639	-0.275	-0.009	0.36
-3.587	-3.689	-15.774	-8.164	2.531	-13.125	-13.37	-12.725	-12.123	-11.546
0.335	-0.815	-2.809	-2.756	-0.812	-2.985	-2.582	-2.564	-2.689	-2.015
-3.334	-2.153	-3.806	-5.702	-8.798	-4.472	-3.013	-1.81	-0.812	-0.351
-5.058	-4.062	-3.387	-2.274	-8.02	-6.237	-2.853	-0.694	-1.139	0.515
-0.131	0.576	-6.667	-5.465	-2.017	1.917	-1.027	-0.059	0.927	0.935
0.753	2.434	-2.261	-4.91	0.512	-1.982	-1.541	-1.486	-1.48	-1.329
-1.513	-2.247	-2.347	-2.024	-0.35	0.434	0.622	0.6	0.227	0.167
0.462	0.104	-10.455	-3.553	-0.254	-0.091	-0.515	-0.484	-0.291	-0.163
-0.572	1.769	-3.052	-5.746	-4.94	-3.016	-2.067	-0.883	1.074	0.903
2.177	0.603	1.959	-0.595	5.306	-0.063	0.078	0.795	0.149	-0.265
-1.112	-2.38	-6.574	-6.899	1.833	-1.815	-0.993	-0.27	0.616	0.83
-3.475	-5.25	-8.761	-5.133	-6.563	-6.126	-6.268	-6.33	-6.324	-6.101
-2.493	-1.011	-4.39	-4.352	-2.356	1.092	0.973	0.844	0.801	0.973
-1.252	-4.131	-0.266	-2.51	-3.775	-4.166	-2.959	-2.061	-1.975	-1.174
-0.388	-2.163	-2.973	-1.376	-0.164	-1.912	-1.219	-0.864	-0.538	-0.435
6.959	7.222	0.103	3.686	11.482	6.621	7.412	6.227	5.631	6.165
-2.249	-2.628	-3.749	-0.277	2.07	1.558	1.859	1.992	2.003	2.003
-1.569	-0.747	-3.589	-2.817	-4.388	-2.588	-1.728	-0.597	-0.735	-0.768
2.197	4.24	-5.498	-1.105	1.325	1.461	-0.253	--	0.242	0.318

-1.388	3.349	-3.703	-0.27	3.821	4.334	3.891	3.82	3.679	2.879
1.48	0.789	-5.169	-4.482	-2.656	-2.747	-1.161	-0.699	-0.497	-0.224
0.393	3.851	0.056	3.673	3.064	2.295	0.957	0.304	-0.284	-0.49
-0.734	0.314	-1.917	-2.905	-0.704	-1.252	-1.127	-0.914	-0.728	-0.639
-16.745	-6.249	-5.409	-5.599	-4.299	0.433	0.736	0.8	0.93	1.107
0.428	-0.72	-4.665	0.176	-0.399	-0.122	0.491	0.761	0.895	0.997
-1.399	-1.928	-5.764	-1.416	0.473	-2.548	n/a	n/a	n/a	n/a
-0.401	1.288	1.188	1.071	0.429	1.051	1.653	2.967	3.909	4.37
0.9	0.617	-3.84	-1.042	1.975	-0.182	0.36	0.35	0.357	0.356
1.185	2.686	-0.433	3.672	14.776	3.065	5.123	2.782	-0.384	-1.14
6.661	4.479	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
-1.158	0.1	-5.429	-2.478	-0.942	-2.764	-2.92	-2.645	-2.31	-1.992
-8.223	-4.625	-2.362	-2.67	-1.619	0.557	0.601	-1.027	-0.813	-0.651
-2.503	-2.031	-2.365	-2.214	-3.533	-1.911	-1.391	-1.522	-1.666	-1.659
-1.837	-0.857	-4.778	-9.717	-8.456	-3.252	-0.286	-0.524	-0.594	-0.551
-0.689	-0.792	-5.454	-2.854	-0.85	-2.721	-3.218	-3.127	-2.788	-2.433
-0.68	-1.707	-7.81	-5.192	-2.981	-3.809	-2.919	-2.731	-2.06	-1.622
2.196	4.415	1.175	0.899	1.812	1.004	-1.206	-2.931	-3.034	-3.256
-0.844	0.385	0.81	-1.752	-2.811	-0.945	0.38	1.327	1.532	0.928
0.344	-0.596	-7.612	-4.655	-1.516	-0.851	-0.749	-0.321	-0.35	-0.437
2.672	2.112	-3.887	-3.132	-1.961	-1.421	-0.725	-0.365	0.011	0.24
-1.351	-1.975	-11.167	-4.769	-4.352	-0.508	0.501	1.457	1.517	1.486
4.184	2.942	-7.513	-5.008	0.093	1.119	2.133	2.131	2.127	2.131
6.597	6.821	-2.56	2.113	2.539	7.858	7.509	1.5	1.496	1.499
-0.342	-0.605	-3.188	0.567	-0.039	0.309	-0.158	-0.759	-0.891	-0.976
-0.27	0.203	-2.384	-1.142	0.082	-0.913	-1.951	-1.419	-1.494	-1.393
-4.138	-2.801	-8.125	-4.268	-4.696	-4.993	-1.194	-0.595	-0.556	-0.503
-1.914	-1.968	-7.263	-6.787	-4.883	-5.392	-8.365	-2.416	-1.549	-0.51
-0.947	-1.721	-1.862	-1.993	-1.45	1.081	6.766	-0.849	-0.919	-1.33
0.804	0.837	-3.597	-2.118	2.646	0.728	-0.427	-0.344	-0.154	0.068
0.957	-2.246	-11.143	-2.726	-9.772	-7.981	-6.892	-3.768	-1.988	-0.217
0.211	0.12	-5.374	-5.065	-3.978	-2.766	-1.417	-0.753	-0.491	-0.331
3.076	0.468	-6.78	-6.234	-0.867	0.39	-0.382	-0.513	-0.156	-0.023
-1.671	-3.001	-7.256	-3.374	-4.299	-3.355	-2.411	-2.181	-2.076	-2.065
0.048	-0.35	-4.041	-2.382	-0.219	0.456	-0.176	-0.609	-0.39	-0.277
-0.734	-3.45	-4.083	-2.137	-1.987	-1.755	-1.143	-1.184	-1.193	-1.11
9.108	1.843	-11.757	0.112	9.431	-0.562	-6.945	-8.12	-9.205	-9.897
1.703	1.74	-3.976	-0.769	2.295	2.136	2.061	1.855	1.731	1.346
-1.427	-2.033	-8.995	-1.024	3.785	-2.001	-5.306	-2.489	-1.323	-1.326
1.299	1.662	-6.115	-5.432	-4.519	-3.552	-0.603	0.893	1.201	1.397
7.473	7.114	3.516	6.82	5.784	5.961	5.278	4.743	4.549	4.59
-1.678	-2.364	-8.413	-5.518	-3.948	-5.638	-6.435	-3.023	-2.676	-2.798
-1.4	-2.172	-4.467	-3.314	-2.692	-2.742	-2.423	0.073	0.706	1.386
1.786	-0.765	-7.681	-4.361	0.82	-0.561	-1.263	-0.656	-0.735	-0.838
-3.462	-3.8	-4.209	-3.105	-1.698	-0.413	0.99	1.521	1.412	1.326
5.397	11.054	3.767	-10.419	-18.068	-1.129	-22.235	-14.686	-12.674	-13.617
2.148	-0.144	-2.713	-0.426	-1.859	-1.168	-0.69	0.106	0.201	0.303

-2.641	-2.662	-7.487	-0.91	-0.379	0.192	-0.656	-0.716	-0.608	-0.594
1.906	-4.801	-24.756	-6.977	15.775	10.556	7.456	7.47	6.456	5.373
0.433	0.761	-2.127	0.027	0.805	3.25	-0.276	-0.824	-0.826	-0.98
-3.339	-1.874	-4.05	0.275	1.541	2.102	2.178	1.705	1.251	0.147
0.207	0.48	-2.862	-4.762	-3.197	-2.072	-2.068	-1.452	-0.821	-0.364
-1.445	-0.322	-0.477	1.898	-5.556	n/a	n/a	n/a	n/a	n/a
-3.343	-4.29	1.523	-4.019	-3.455	5.028	4.67	-0.118	-0.754	-0.993
-3.86	-3.861	-2.735	-1.632	-4.391	-5.536	-3.657	-3.518	-3.54	-3.202
9.393	11.93	-22.273	14.828	23.595	8.483	5.215	4.185	3.896	3.252
1.65	1.246	-6.468	-0.49	-0.317	-0.098	-1.793	-0.763	-0.353	-0.071
2.769	2.015	-3.675	0.304	-0.571	-1.676	-2.435	-1.892	-1.865	-1.982
13.326	14.44	-21.41	-12.891	-37.726	n/a	n/a	n/a	n/a	n/a
-0.569	-0.723	-3.225	-2.154	-4.939	-4.206	-2.907	-3.845	-3.077	-2.856
-1.6	-1.498	-4.99	-4.575	-4.644	-3.005	0.15	-0.055	2.324	2.866
-0.758	0.028	-2.957	-3.863	-2.711	-2.094	-1.2	-0.873	-0.755	-0.636
-3.612	-5.078	-20.924	-11.24	-7.442	-9.597	-7.588	-4.942	-2.936	-1.535
-3.856	-0.656	-4.154	-3.459	-3.382	-3.255	-2.507	-1.907	-1.307	-1.307
3.44	1.798	-8.341	-6.348	-4.692	-3.682	-2.982	-2.393	-1.882	-1.07
2.851	-1.551	2.825	0.403	0.876	0.248	-0.589	-1.011	-0.907	-1.204
4.374	3.559	3.721	3.44	-2.257	-1.788	-0.935	-0.575	0.472	1.542
0.331	-5.399	-7.775	-1.57	-0.569	-1.181	-1.569	-0.649	-0.458	-0.221
1.536	1.366	-0.5	-0.013	0.728	1.54	-0.903	1.321	1.49	1.43
25.112	19.884	6.72	4.704	7.938	1.71	1.392	-0.295	-0.849	-1.011
-0.046	-0.67	-4.462	-1.815	-2.234	-3.2	-3.142	-2.126	-1.875	-1.659
6.067	3.278	-6.733	-1.121	2.137	4.337	1.864	0.873	1.145	1.061
-4.049	0.442	-8.219	0.645	-2.493	2.581	-1.4	-1.456	-1.474	-1.509
-1.177	-1.426	-4.649	-3.858	-3.236	-2.285	-1.899	-1.229	-0.771	-0.574
-1.147	4.922	-1.651	-1.221	-2.223	0.66	0.917	1.997	2.762	3.906
-1.623	-2.434	-4.185	-4.983	-3.272	-3.504	-3.034	-3.114	-2.644	-2.124
-1.867	-1.812	-3.945	-4.481	-1.624	1.257	2.898	1.508	1.023	1.433
-5.401	-4.488	-4.731	-3.219	-2.271	-4.484	-3.706	-3.055	-2.38	-1.875
2.205	2.366	-3.2	-1.892	0.304	-0.522	-1.313	-1.438	-1.842	-1.884
1.886	-1.878	-3.651	-2.485	-2.702	-2.316	-1.837	-0.745	0.197	0.995
-1.928	0.973	-1.359	-0.157	1.594	2.244	2.485	2.634	2.591	2.605
-2.058	-2.571	-3.771	-4.773	-5.536	-4.058	-2.598	-1.758	-1.779	-1.789
-2.621	-3.013	-3.458	-3.084	-2.625	-0.957	-1.15	-0.372	0.246	0.116
-0.59	-0.797	-6.848	-4.071	-3.278	-3.391	-1.625	-1.063	-0.751	-0.55
5.674	4.453	-4.571	9.106	24.156	9.654	11.215	10.214	9.706	9.274
-5.214	-4.634	-12.993	-0.946	10.677	6.514	4.365	4.358	4.549	4.083
-1.846	-3.015	-1.52	-1.117	-3.043	-0.944	0.42	0.451	0.441	0.431
-1.422	-1.684	-7.782	-4.483	-2.32	-0.381	-0.838	-0.263	0.614	0.918
-0.247	-1.892	-6.235	-4.389	-2.948	-1.947	-1.523	-0.299	0.933	2.435
-0.44	-2.493	-5.737	-4.727	-1.638	-2.848	-0.8	-0.116	0.179	0.126
-0.837	-0.216	-6.909	-1.245	-0.046	-1.302	-0.961	-0.42	0.15	0.784
0.169	0.068	-3.726	-4.427	-3.493	-2.86	-1.701	-1.024	-0.34	0.028

1.189	0.63	-5.619	-0.725	-2.135	-3.808	-3.423	-2.581	-2.216	-2.214
2.874	2.903	-3.075	-0.594	1.492	2.941	2.48	2.513	2.466	2.406
2.282	4.019	1.545	1.725	2.492	1.325	1.15	1.069	1.017	1.101
3.729	2.709	0.191	2.013	11.709	6.698	6.239	5.83	5.713	5.355
-1.403	-3.426	-8.251	-5.257	-3.76	-3.8	-4.048	-4.258	-4.317	-3.991
3.425	2.2	-3.746	1.103	-1.111	-2.032	-1.69	-0.918	-0.211	-0.01
-1.397	-3.795	-7.924	-5.187	-3.874	-3.206	-4.503	-1.007	-0.371	-0.515
-1.232	0.237	-36.64	-14.51	1.759	-0.11	0.323	0.518	0.638	0.73
-1.599	0.653	3.286	-1.304	-1.686	1.642	2.042	2.583	2.792	1.079
-6.038	-4.234	-12.479	-2.015	2.347	-2.037	-2.648	-1.439	-1.821	-2.237
-1.669	-1.939	-4.351	-4.309	-4.405	-2.29	-1.224	-0.701	-0.679	-0.681
2.953	2.005	-5.236	-1.575	1.36	0.522	-0.005	-0.325	-0.185	-0.351
2.301	3.061	-12.274	-2.745	1.191	1.344	0.843	1.756	1.856	1.833
-2.793	-0.441	-2.732	-4.457	-7.127	-3.443	0.533	0.413	0.505	0.09
0.144	-0.158	-4.349	-4.54	-1.652	-5.622	-4.997	-4.9	-4.162	-4.349
2.538	2.2	-6.249	-3.489	-2.056	-2.453	-1.909	-1.57	-1.39	-1.267
1.569	-1.371	-2.242	-3.528	-3.9	-0.881	-3.021	-1.995	-1.979	-1.909
0.029	0.253	0.288	-0.841	0.031	0.093	-0.366	-1.212	-1.821	-1.929
-0.353	-1.13	-5.531	-1.324	0.254	-0.988	-0.872	-0.854	0.114	0.491
-0.151	1.419	-4.498	-8.994	4.5	8.497	4.98	4.602	5.933	6.048
-0.402	-1.008	-8.072	-4.774	-2.591	-1.762	-0.756	-0.427	-0.438	-0.552
0.596	-1.854	-5.935	-5.736	-3.705	n/a	n/a	n/a	n/a	n/a
2.584	-0.039	-1.878	6.443	-2.996	1.854	0.582	-0.172	-1.152	-2.134
1.927	-0.49	-7.697	-2.221	1.473	1.098	0.901	1.052	1.199	1.179
1.353	-0.367	-3.033	-4.974	-7.425	-9.052	-4.768	-0.996	2.618	2.789
-7.689	-10.64	-5.891	-0.243	-1.933	-3.28	-1.936	-1.376	-0.831	-0.725
-2.465	-17.347	-8.309	-0.542	1.031	1.305	2.746	3.5	3.5	3.5
0.722	0.466	-2.927	-0.078	1.462	0.353	-0.253	0.111	0.555	0.473
1.379	1.394	-2.949	-0.152	1.311	0.645	0.601	0.315	0.292	0.282
n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
-1.609	-1.205	-3.416	0.199	0.48	-0.256	-1.773	-1.733	-1.881	-1.804
-0.236	-0.309	-0.897	-1.828	-2.01	-1.406	-0.663	-0.558	-0.507	-0.509
1.141	1.435	-3.487	-5.484	-3.141	-2.003	-2.386	-2.004	-2.054	-1.944
-26.299	-25.081	-18.82	-19.359	-30.073	-32.093	-42.044	-42.538	-42.924	-43.21
1.211	3.762	-4.694	-2.494	-5.872	-3.974	-3.434	-0.45	-0.6	-0.7
3.697	3.854	6.113	-0.574	-0.184	1.017	-6.072	-7.759	-8.777	-9.627
-2.881	-0.56	-8.356	-5.225	2.879	1.839	-0.057	0.811	1.374	2.724
-1.785	-1.008	-5.925	-4.786	-3.412	-2.954	-1.555	-1.145	-0.718	-0.539
-1.726	-2.908	-2.802	-1.337	0.142	-3.65	-2.822	-0.504	0.167	0.091
28.395	-8.054	8.328	-16.437	2.914	-3.931	-3.986	-8.619	-9.231	-9.843
-1.228	-2.71	-5.507	-4.578	-3.222	-1.824	-0.925	-0.355	-0.454	-0.297
1.161	0.954	-3.024	-1.128	-12.623	-15.829	-8.186	-2.826	-0.717	0.151
4.003	2.885	-2.17	4.334	10.399	6.899	5.201	4.7	4.45	4.198

-0.559	-1.034	-12.008	-5.649	-1.012	-3.564	-2.312	-1.323	-1.152	-0.961
-3.101	-3.532	-11.894	-8.811	-1.264	-5.773	-3.284	-3.688	-3.169	-2.917
0.517	-0.49	-2.105	-0.639	-0.514	-0.927	-1.055	-0.826	-0.48	-0.352
1.411	-0.468	-3.271	-4.777	-4.378	-4.588	-3.325	-2.021	-1.967	-1.884
7.169	3.688	-1.125	3.347	-5.487	-2.138	-6.269	-5.824	-5.52	-5.131
-30.289	-9.952	-4.905	-4.578	-5.852	-3.186	n/a	n/a	n/a	n/a
0.5	0.992	-1.538	-0.233	1.249	-0.668	-1.425	-1.487	-1.54	-1.518
-7.775	-5.656	-2.574	0.226	-1.656	-3.476	-2.678	-2.633	-3.823	-1.181
-3.547	-2.497	-7.823	-2.051	-1.586	0.2	0.847	1.583	0.837	1.625
-4.418	-0.545	0.885	-1.741	-5.726	-7.651	-9.515	-9.547	-9.55	-9.629

2028	2029	மதுப்படுகள் பிறகு தொடங்கும்
n/a	n/a	2023
-0.024	-0.04	2022
-4.328	-4.274	2022
6.069	4.541	2022
1.055	1.214	2022
3.584	3.747	2022
-0.271	-0.044	2022
4.791	4.667	2022
0.91	1.06	2022
-0.683	-0.643	2022
-1.466	-1.452	2022
2.902	2.872	2023
-3.125	-3.318	2022
-2.555	-2.587	2023
4.5	4.521	2023
-0.631	-0.726	2022
-3.211	-3.227	2022
1.179	1.179	2022
-1.433	-1.465	2022
-2.138	-0.201	2023
-4.964	-4.81	2022
0.337	0.676	2022
1.421	1.351	2023
0.629	0.907	2023
-11.067	-10.503	2022
-2.035	-1.953	2023
-0.47	-0.543	2022
-0.811	-1.005	2022
1.001	0.402	2022
-1.403	-1.403	2022
0.167	-0.255	2022
-0.079	0.037	2023
1.002	-1.797	2022
-0.77	-1.117	2022
0.962	0.968	2023
-5.903	-5.768	2023
0.849	0.749	2023
-1.433	-0.628	2022
-0.393	-0.573	2022
6.585	7.405	2021
1.997	1.999	2023
-0.808	-0.285	2022
0.386	0.325	2022

2.571	2.31	2023
0.185	-0.824	2022
-0.682	-0.871	2022
-0.682	-0.741	2022
1.241	1.515	2023
1.123	1.202	2023
n/a	n/a	2022
4.346	4.334	2023
0.357	0.352	2023
-3.059	-3.258	2022
n/a	n/a	2019
-2.081	-1.999	2022
-0.523	-0.454	2023
-1.564	-1.241	2022
-0.577	-0.509	2022
-2.045	-2.04	2022
-1.33	-1.085	2022
-3.508	-3.708	2022
0.875	0.425	2023
-0.477	-0.575	2023
0.439	0.432	2023
1.541	1.25	2022
2.13	2.134	2022
1.503	1.499	2022
-0.496	-0.224	2022
-1.463	-1.438	2023
-0.519	-0.509	2022
0.512	0.536	2022
-1.575	-1.674	2022
0.045	0.068	2023
1.547	1.602	2022
-0.01	0.006	2022
0.139	0.261	2022
-2.027	-1.977	2022
-0.204	-0.174	2023
-1.012	-0.902	2022
-10.165	-10.276	2023
1.076	0.925	2022
-1.294	-1.342	2022
1.336	1.333	2023
4.339	4.16	2023
-2.814	-2.88	2022
1.938	2.923	2022
-1.102	-1.07	2022
1.165	0.883	2023
-15.16	-15.653	2021
0.346	0.347	2022

-0.643	-0.532	2022
4.376	3.598	2022
-1.288	-1.205	2022
0.061	-0.039	2022
-0.424	-0.397	2023
n/a	n/a	2021
-0.7	-0.733	2023
-2.927	-2.167	2022
2.531	2.228	2023
0.119	0.229	2022
-2.22	-2.342	2022
n/a	n/a	2022
-2.81	-2.731	2022
4.315	4.371	2023
-0.515	-0.548	2022
-1.003	-0.529	2022
-1.307	-1.307	2022
-0.9	-0.879	2022
-1.523	-1.739	2022
2.292	2.387	2023
-0.207	-0.23	2023
1.236	1.082	2022
-0.971	-1.451	2021
-1.136	-0.841	2023
1.032	0.939	2023
-1.546	-1.586	2023
-0.533	-0.47	2022
5	5.258	2022
-2.024	-1.614	2020
1.454	1.309	2022
-1.425	-1.046	2023
-2.181	-2.242	2022
1.736	2.008	2023
2.609	2.586	2022
-1.745	-1.694	2022
-0.242	-0.107	2022
-0.072	-0.072	2023
8.775	8.429	2023
3.989	3.912	2022
0.436	0.451	2023
0.777	0.631	2023
1.971	2.039	2022
0.238	0.325	2023
0.758	0.691	2023
0.341	0.336	2022

-1.989	-1.914	2022
2.377	2.362	2022
1.715	1.689	2022
5.036	4.817	2022
-3.554	-3.533	2023
0.012	0.31	2023
0.33	-0.368	2023
1.39	1.387	2022
1.341	1.367	2022
-2.142	-2.023	2022
-0.64	-0.688	2021
-0.228	-0.317	2023
2.418	2.617	2023
-2.507	-2.463	2023
-4.378	-4.238	2022
-0.956	-0.838	2022
-1.885	-1.91	2022
-1.862	-1.963	2023
0.55	0.573	2023
5.941	5.041	2021
-0.324	-0.285	2022
n/a	n/a	2021
-3.116	-3.115	2022
1.172	1.169	2023
2.805	2.807	2023
-0.805	-0.659	2021
3.5	3.5	2022
0.553	0.542	2022
0.271	0.262	2023
n/a	n/a	2009
-1.896	-1.73	2022
-0.511	-0.491	2022
-1.8	-1.725	2022
-43.33	-43.364	2022
-0.784	-0.41	2022
-10.978	-11.212	2021
3.34	3.621	2023
-0.476	-0.414	2022
-0.015	0.056	2023
-10.541	-10.773	2022
0.203	-0.145	2022
0.798	1.032	2023
4.002	3.788	2022

-0.786	-0.581	2023
-3.093	-2.569	2022
-0.332	-0.245	2022
-1.855	-1.858	2023
-5.043	-5.283	2020
n/a	n/a	2017
-1.468	-1.49	2021
-1.132	-0.971	2022
1.989	1.814	2022
-9.629	-9.602	2023