Appendix - I

Time Sample	0-2 HZ	2-4 HZ	4-6 HZ	6-8 HZ	8-10 HZ	10-12 HZ	12-14 HZ	14-16 HZ	16-18 HZ	18-20 HZ	20-22 HZ	22-24 HZ	24-26 HZ	26-28 HZ	28-30 HZ	30-32 HZ
0	1.35828	1.74389	1.44994	0.674971	0.860662	1.10993	1.04472	0.998376	0.847789	0.669102	0.585598	0.54468	0.590571	0.653404	0.699901	0.706241
1	0.438783	0.667411	0.680097	0.644201	0.808986	0.988188	0.93937	0.889111	0.82028	0.769101	0.725864	0.662606	0.585648	0.540778	0.543362	0.550886
2	0.436503	0.62865	0.651806	0.825894	1.14409	1.35641	1.28149	1.14597	0.901831	0.620965	0.635058	0.637514	0.626274	0.599822	0.584263	0.590774
3	0.453108	0.5432	0.546083	0.649252	0.847049	0.937918	0.864917	0.81414	0.783215	0.783224	0.774775	0.734718	0.669371	0.594708	0.527418	0.50122
4	0.53107	0.717511	0.784995	0.874038	1.06425	1.18306	1.07112	0.927551	0.706991	0.527044	0.508089	0.553486	0.625008	0.692308	0.738101	0.743842
5	0.497286	0.587453	0.585942	0.640206	0.719392	0.762657	0.785685	0.778212	0.750229	0.717714	0.693912	0.673887	0.639896	0.583641	0.523086	0.495677
6	0.530498	0.592875	0.585384	0.612277	0.771635	0.861503	0.816625	0.775368	0.717325	0.661759	0.616037	0.579719	0.546072	0.510299	0.493588	0.52439
7	0.540619	0.655888	0.666928	0.758922	0.956371	1.02279	0.891266	0.764202	0.661812	0.6803	0.686155	0.654238	0.60208	0.598087	0.63216	0.650209
8	0.528218	0.657065	0.684125	0.709987	0.816737	0.89885	0.881681	0.874401	0.85794	0.828919	0.773991	0.689682	0.598532	0.568144	0.581296	0.602982
9	0.573323	0.709093	0.714754	0.748314	0.882567	0.996158	0.952927	0.911599	0.867945	0.839893	0.80257	0.732223	0.640922	0.574793	0.552505	0.530121
10	0.458726	0.620663	0.714163	1.01441	1.28856	1.32223	1.13187	0.911786	0.637703	0.607041	0.598501	0.590934	0.555531	0.55733	0.578671	0.584892
11	0.535626	0.838146	0.78216	0.701131	0.79788	0.842987	0.755654	0.702635	0.680434	0.68881	0.677328	0.627299	0.564126	0.540813	0.566888	0.600364
12	0.796605	0.799278	0.734381	0.749567	0.857544	0.920763	0.86531	0.804763	0.746219	0.725642	0.716814	0.678629	0.606594	0.545476	0.552283	0.585959
13	0.56435	0.63884	0.718661	0.810169	0.843382	0.852745	0.873202	0.844658	0.785382	0.715561	0.669964	0.65479	0.638759	0.605315	0.56764	0.548858
14	0.551497	0.657343	0.654992	0.692625	0.757383	0.749803	0.745034	0.75193	0.757267	0.740502	0.689103	0.613642	0.55939	0.565488	0.590024	0.587136
15	0.414121	0.57964	0.665686	0.889126	1.03387	0.989999	0.873481	0.738647	0.629872	0.599258	0.571566	0.552053	0.543865	0.539555	0.522357	0.497472
16	0.579519	0.652641	0.666592	0.821423	0.967908	0.944919	0.903698	0.860798	0.810141	0.740754	0.654216	0.590629	0.587463	0.592277	0.582444	0.575462
17	0.555894	0.666909	0.696238	0.71422	0.781554	0.846997	0.810839	0.767683	0.716359	0.679835	0.651375	0.611724	0.562528	0.529825	0.528806	0.538622
18	0.431992	0.504738	0.523556	0.725639	0.969252	1.06582	0.965112	0.843291	0.691938	0.619655	0.635076	0.643794	0.626684	0.602478	0.57582	0.541611
19	0.432902	0.540874	0.615081	0.736834	0.821559	0.864011	0.868368	0.818078	0.727788	0.640327	0.619104	0.635896	0.630446	0.586557	0.522651	0.47157
20	0.605778	0.691563	0.646982	0.754675	0.897466	0.897523	0.835009	0.76553	0.69665	0.641847	0.589098	0.540312	0.522821	0.534397	0.541854	0.530682
21	0.575172	0.65467	0.588817	0.538638	0.614399	0.654016	0.653418	0.673667	0.690963	0.690562	0.658623	0.595406	0.519026	0.467704	0.456549	0.470002
22	0.617555	0.696448	0.674385	0.685216	0.759595	0.77192	0.775828	0.796032	0.805192	0.78384	0.725079	0.643608	0.573565	0.535743	0.510593	0.467969
23	0.466222	0.562005	0.663419	0.878947	1.07624	1.0936	0.982874	0.870638	0.761434	0.688754	0.629235	0.56269	0.518795	0.521207	0.534791	0.53355
24	0.499172	0.677942	0.733811	0.718836	0.843977	0.987394	0.939116	0.872747	0.766098	0.663004	0.594629	0.542384	0.490493	0.464515	0.466858	0.467802
25	0.460252	0.669813	0.659707	0.758931	0.872222	0.848199	0.779251	0.711694	0.662042	0.629203	0.588674	0.551865	0.559128	0.592375	0.610158	0.603674
26	0.493701	0.672717	0.729018	0.815027	0.977259	1.03436	0.958062	0.867631	0.754709	0.668887	0.623492	0.613043	0.613079	0.607017	0.580593	0.533739
27	0.46451	0.529241	0.595311	0.680171	0.791219	0.8293	0.825284	0.833846	0.826065	0.785237	0.705636	0.605846	0.536056	0.527988	0.53898	0.537149
28	0.520304	0.598084	0.614462	0.718485	0.849291	0.865612	0.785433	0.745582	0.73933	0.739124	0.707304	0.643302	0.575186	0.525229	0.482116	0.440637
29	0.588534	0.656571	0.685593	0.876348	1.11504	1.17619	1.04915	0.900321	0.708234	0.606767	0.554668	0.542534	0.542852	0.535408	0.516342	0.497703
30	0.51266	0.642857	0.724978	0.892848	1.07187	1.12991	1.00522	0.860849	0.688185	0.616024	0.597491	0.575133	0.561389	0.552336	0.533888	0.497986
31	0.685245	0.709555	0.646371	0.744283	0.949674	1.04296	0.978022	0.899268	0.794134	0.698597	0.619103	0.549402	0.521985	0.547306	0.563364	0.544832
32	0.411392	0.724282	0.702582	0.654321	0.900364	1.06606	1.00139	0.958644	0.902934	0.845243	0.761666	0.636761	0.524226	0.514842	0.531312	0.526368
33	0.485572	0.663494	0.739438	0.771421	0.774757	0.73009	0.666459	0.642025	0.658137	0.669347	0.643814	0.581402	0.506591	0.463479	0.449363	0.454561
34	0.61279	0.675432	0.683008	0.765393	0.867723	0.861963	0.78269	0.700163	0.628449	0.595331	0.57915	0.552253	0.511367	0.469749	0.444198	0.440924
35	0.404543	0.497026	0.620714	0.85579	1.09492	1.15979	1.01558	0.858618	0.675235	0.597713	0.56272	0.524161	0.468235	0.446591	0.43997	0.451263
36	0.373578	0.602727	0.682236	0.776161	0.923328	0.978981	0.884391	0.790798	0.693768	0.640539	0.621281	0.60016	0.566993	0.523064	0.472886	0.444801
37	0.652496	0.693016	0.765592	0.886124	0.911426	0.83708	0.762098	0.674697	0.623596	0.608357	0.596822	0.573838	0.535731	0.483798	0.431316	0.408698
38	0.380804	0.494092	0.529787	0.622932	0.834298	0.967491	0.948766	0.908163	0.830527	0.738396	0.643203	0.543347	0.444085	0.381442	0.376606	0.38853
39	0.707815	0.872536	0.812671	0.792553	0.836224	0.763813	0.672068	0.583502	0.533372	0.534289	0.543258	0.541225	0.526747	0.50223	0.477351	0.46073
40	0.63442	0.792297	0.768751	0.964348	1.24619	1.30013	1.11885	0.906648	0.624484	0.627789	0.691622	0.720468	0.702131	0.643226	0.554917	0.464784
41	0.518788	0.539696	0.63813	0.743184	0.820228	0.847283	0.791045	0.745249	0.709962	0.686921	0.656604	0.612706	0.571519	0.551742	0.546226	0.541002
42	0.443821	0.613892	0.590954	0.600679	0.816594	0.926895	0.847104	0.77408	0.690282	0.640498	0.616603	0.587331	0.550779	0.519428	0.493995	0.469811
43	0.527448	0.669481	0.700315	0.721772	0.729483	0.752313	0.725439	0.708096	0.701807	0.702075	0.688643	0.651327	0.594419	0.531643	0.479611	0.45383
44	0.404324	0.563332	0.624634	0.665387	0.65297	0.597062	0.600054	0.615829	0.628026	0.607644	0.554787	0.505411	0.503668	0.521731	0.513528	0.471291
45	0.436958	0.548397	0.609132	0.611209	0.590834	0.621282	0.645369	0.701307	0.749202	0.760771	0.723301	0.642274	0.547608	0.493365	0.490634	0.497083
46	0.586583	0.690898	0.64677	0.768659	1.02659	1.116	1.00478	0.873596	0.70804	0.620582	0.634643	0.628563	0.584793	0.530471	0.493108	0.472573
47	0.479651	0.576072	0.554811	0.671771	0.873056	0.932458	0.842268	0.752547	0.66953	0.645208	0.642841	0.614981	0.564	0.521436	0.506578	0.498896

48	0.43622	0.644658	0.710008	0.838603	1.07321	1.14061	0.995404	0.840611	0.648516	0.582483	0.509009	0.47565	0.475641	0.495642	0.49308	0.461112
49	0.388449	0.518609	0.520203	0.609557	0.780106	0.828323	0.75494	0.715704	0.702903	0.70206	0.672609	0.60221	0.511956	0.449835	0.439849	0.449039
50	0.522275	0.625265	0.589446	0.857179	1.14908	1.21	1.07637	0.926999	0.737435	0.611737	0.521715	0.49296	0.512731	0.531725	0.519283	0.480819
51	0.404396	0.499048	0.538329	0.648321	0.82996	0.927568	0.855985	0.765303	0.639481	0.547446	0.528804	0.54746	0.561445	0.560584	0.538966	0.499012
52	0.515183	0.798493	0.787073	0.70884	0.787425	0.83616	0.754195	0.666831	0.545406	0.435663	0.406429	0.421219	0.445513	0.457914	0.455217	0.447135
53	0.463218	0.661981	0.676553	0.685795	0.71215	0.691776	0.663904	0.657948	0.662152	0.654939	0.625932	0.586581	0.553416	0.525001	0.483501	0.44126
54	0.460075	0.584551	0.63214	0.680473	0.81766	0.905119	0.83404	0.751494	0.637519	0.535507	0.490327	0.449364	0.4409	0.426459	0.414695	0.418289
55	0.415913	0.574467	0.568945	0.687389	0.889236	0.978762	0.905799	0.810661	0.672638	0.540015	0.472135	0.456613	0.445358	0.424783	0.395474	0.382178
56	0.373518	0.550422	0.665625	0.816265	0.971813	1.00928	0.907494	0.792935	0.660973	0.573779	0.547936	0.53414	0.511948	0.489052	0.471445	0.462071
57	0.459081	0.568691	0.584454	0.65647	0.807895	0.857986	0.766631	0.681981	0.601468	0.562318	0.539026	0.503922	0.469193	0.451384	0.440147	0.425708
58	0.481893	0.564966	0.607832	0.827495	1.05874	1.10882	1.00722	0.897538	0.766671	0.654093	0.575576	0.539393	0.545216	0.550445	0.52387	0.473497
59	0.373075	0.495716	0.490169	0.627048	0.830013	0.879606	0.791717	0.740321	0.708599	0.685961	0.639975	0.572223	0.516822	0.486288	0.450653	0.401914
60	0.505369	0.838145	0.882177	0.960142	1.08604	1.10628	0.997727	0.864061	0.698585	0.598039	0.555819	0.545983	0.518672	0.468676	0.419162	0.404515
61	0.464935	0.603355	0.620354	0.633796	0.653481	0.661473	0.641964	0.610286	0.568083	0.526445	0.498228	0.489114	0.486176	0.471321	0.437977	0.406694
62	0.618348	0.707617	0.660226	0.660476	0.764746	0.776409	0.694866	0.666101	0.679035	0.699782	0.686226	0.629607	0.545519	0.471446	0.449016	0.459105
63	0.385136	0.50142	0.588649	0.646751	0.775865	0.873604	0.813173	0.758693	0.708237	0.687747	0.671857	0.636817	0.592344	0.554752	0.513856	0.455123
64	0.408924	0.484511	0.536816	0.683407	0.895633	0.986846	0.89305	0.784545	0.652319	0.586617	0.596822	0.597722	0.565176	0.51124	0.456053	0.423888
65	0.389302	0.522772	0.691868	0.816884	0.851274	0.833179	0.767411	0.693627	0.640675	0.622011	0.609403	0.57854	0.527917	0.471506	0.422528	0.382926
66	0.894865	1.013	0.918673	0.869644	1.10429	1.24475	1.12784	0.981083	0.746863	0.492644	0.485567	0.543127	0.527782	0.489194	0.467489	0.459833
67	0.488129	0.582335	0.631211	0.847461	1.05748	1.08903	0.955449	0.804449	0.630704	0.530053	0.506261	0.472105	0.437468	0.432331	0.430996	0.414988
68	0.564448	0.697221	0.757521	0.885231	0.961406	0.90951	0.792613	0.649995	0.529425	0.511144	0.530584	0.530256	0.511566	0.482909	0.449613	0.4162
69	0.77838	0.907322	0.87993	0.82632	0.8692	0.915872	0.891226	0.843362	0.759463	0.657476	0.561309	0.495785	0.471518	0.47043	0.473244	0.473416
70	0.379691	0.493791	0.606209	0.798515	0.921831	0.915303	0.818979	0.71071	0.61475	0.576616	0.569488	0.5621	0.55932	0.561952	0.55421	0.523332
71	0.648155	0.70992	0.684421	0.736046	0.854691	0.845295	0.751033	0.661118	0.586314	0.553656	0.537986	0.518315	0.492664	0.457817	0.419949	0.403027
72	0.493882	0.748318	0.797837	0.882038	1.07723	1.16819	1.03817	0.897825	0.716752	0.614609	0.559999	0.548406	0.5608	0.568205	0.548098	0.503126
73	0.762473	0.831549	0.765801	0.812293	1.15343	1.31315	1.17653	1.02061	0.786094	0.660347	0.580925	0.513012	0.486268	0.484104	0.497914	0.502767
74	0.603455	0.791159	0.808807	0.961287	1.16187	1.19663	1.04137	0.854233	0.592488	0.503811	0.4637	0.476718	0.491741	0.495437	0.474845	0.430214
75	0.538514	0.628053	0.690859	0.75283	0.879667	0.946754	0.880436	0.805987	0.711323	0.623953	0.549318	0.487735	0.46966	0.491704	0.503726	0.487822
76	0.624867	0.784898	0.830726	0.900465	1.0724	1.15905	1.05143	0.913376	0.71208	0.537102	0.503657	0.546234	0.550918	0.529237	0.48993	0.441354
77	0.604288	0.754555	0.758626	0.828258	1.07326	1.21437	1.10071	0.954125	0.716383	0.482873	0.416124	0.474094	0.500653	0.502619	0.488425	0.454948
78	0.418429	0.508213	0.620125	0.882233	1.15446	1.26226	1.15305	1.01495	0.81537	0.604834	0.528325	0.423457	0.361375	0.386092	0.4001	0.392349
79	0.453049	0.508295	0.560457	0.691556	0.775237	0.789133	0.753314	0.694367	0.631337	0.585361	0.551441	0.507646	0.448808	0.390986	0.359167	0.361162
80	0.375612	0.627159	0.602889	0.590939	0.818056	0.959321	0.902054	0.830043	0.719297	0.617594	0.557554	0.521867	0.496278	0.477754	0.46342	0.432571
81	0.592269	0.689211	0.693703	0.651464	0.641102	0.679913	0.711669	0.726835	0.709722	0.655767	0.570026	0.471275	0.401797	0.388826	0.390379	0.381822
82	0.546333	0.58991	0.549443	0.516239	0.523719	0.537477	0.547123	0.563785	0.570256	0.558851	0.532983	0.509965	0.500925	0.49189	0.464436	0.417372
83	0.70312	0.83723	0.78621	0.738016	0.969557	1.0675	0.931355	0.799675	0.637204	0.54409	0.538108	0.528962	0.505789	0.477764	0.43483	0.396571
84	0.441312	0.629478	0.618782	0.704839	0.831246	0.855871	0.801506	0.718811	0.620981	0.567845	0.567375	0.561954	0.525564	0.463577	0.396961	0.34882
85	0.437706	0.553867	0.580753	0.701813	0.953539	1.05107	0.921645	0.786637	0.631418	0.577346	0.594933	0.576983	0.523206	0.473335	0.443001	0.419091
86	0.408809	0.598027	0.67814	0.811104	0.886136	0.82808	0.744899	0.659759	0.620176	0.617444	0.600596	0.556092	0.504393	0.472158	0.458551	0.440747
87	0.597208	0.622982	0.681549	0.778649	0.810789	0.783509	0.736168	0.663069	0.583945	0.515178	0.466177	0.442578	0.439989	0.441197	0.433824	0.418867
88	0.483814	0.591261	0.713996	0.916453	1.04181	1.02035	0.937674	0.841718	0.748227	0.673691	0.610918	0.562392	0.536857	0.518705	0.489328	0.451022
89	0.441594	0.593046	0.637398	0.769607	0.880157	0.84302	0.743044	0.637755	0.586532	0.613482	0.636653	0.620316	0.570877	0.510457	0.464328	0.433745
90	0.346458	0.70952	0.730259	0.695241	0.777096	0.831508	0.729026	0.634638	0.538835	0.502671	0.508536	0.506812	0.49628	0.480924	0.454589	0.423105
91	0.427489	0.563388	0.603551	0.692991	0.910308	1.01477	0.905566	0.775996	0.582325	0.436222	0.428069	0.463947	0.49011	0.497924	0.484678	0.45376
92	0.624448	0.804266	0.802842	0.670215	0.55722	0.676933	0.714545	0.695617	0.63071	0.559717	0.544689	0.560019	0.551246	0.511544	0.465523	0.438982
93	0.424078	0.54659	0.570832	0.589027	0.643815	0.672927	0.620525	0.562788	0.507265	0.485116	0.477369	0.451231	0.405494	0.371368	0.375902	0.392885
94	0.448765	0.596614	0.599062	0.718549	1.063	1.24114	1.12619	0.973294	0.715467	0.461819	0.491007	0.506219	0.473603	0.399464	0.355882	0.354689
95	0.509149	0.565768	0.578637	0.75878	1.10426	1.25785	1.11787	0.954388	0.706796	0.570378	0.545129	0.500073	0.478258	0.462272	0.443001	0.41412
96	0.455284	0.652839	0.693354	0.692129	0.73373	0.794049	0.771777	0.743863	0.695866	0.638157	0.577364	0.516707	0.460655	0.418669	0.395774	0.385817
97	0.454503	0.507618	0.50093	0.503016	0.755706	0.929151	0.875874	0.807522	0.70144	0.608206	0.555131	0.518747	0.492348	0.487027	0.482946	0.46101
98	0.537069	0.718032	0.699991	0.713558	0.790149	0.829539	0.847643	0.822699	0.76705	0.69923	0.633703	0.569601	0.502822	0.443006	0.405456	0.381734
99	0.532247	0.558959	0.529039	0.665309	0.821247	0.877158	0.823785	0.746046	0.647902	0.574479	0.541297	0.51651	0.494112	0.485986	0.481038	0.460365
100	0.43948	0.557691	0.552938	0.673554	0.937772	1.04227	0.916746	0.786577	0.647851	0.619223	0.639826	0.608669	0.520674	0.412802	0.362164	0.364909

101	0.427081	0.637769	0.633024	0.672153	0.804332	0.851711	0.757219	0.65227	0.526816	0.45816	0.447993	0.436221	0.412753	0.392573	0.375499	0.364994
102	0.458804	0.620349	0.650863	0.656007	0.777634	0.866154	0.764727	0.648721	0.479164	0.404942	0.425705	0.469708	0.472679	0.457186	0.435	0.415918
103	0.515274	0.648327	0.689669	0.717478	0.75405	0.727524	0.641161	0.580778	0.581605	0.614154	0.618776	0.57773	0.502638	0.435775	0.429075	0.448325
104	0.423432	0.531809	0.544741	0.656876	0.77032	0.762384	0.68008	0.618618	0.593548	0.589708	0.562973	0.509354	0.46813	0.470766	0.482766	0.472221
105	0.416727	0.476032	0.511799	0.645396	0.822403	0.869673	0.767909	0.716011	0.716175	0.739195	0.726491	0.664193	0.570183	0.476145	0.40635	0.372719
106	0.591438	0.719103	0.675152	0.635553	0.798396	0.904475	0.837898	0.764783	0.666811	0.599317	0.573513	0.55108	0.513525	0.476689	0.453733	0.439113
107	0.547778	0.709677	0.661458	0.669428	0.922529	1.06691	0.987001	0.908352	0.81274	0.748116	0.699763	0.624291	0.515893	0.430006	0.396436	0.416828
108	0.448717	0.65751	0.654667	0.694254	0.88897	0.997821	0.911611	0.820381	0.706363	0.625195	0.579423	0.524803	0.456329	0.420279	0.386113	0.366415
109	0.371308	0.50152	0.546785	0.78428	0.990316	0.990463	0.876626	0.806389	0.772088	0.738044	0.650672	0.501549	0.398365	0.444614	0.493764	0.49509
110	0.469954	0.610648	0.637436	0.77554	1.1526	1.35051	1.23502	1.09559	0.884124	0.682631	0.593704	0.550343	0.479886	0.423867	0.390393	0.353097
111	0.597885	0.633312	0.538284	0.486924	0.633365	0.704747	0.645248	0.63238	0.667672	0.722421	0.743596	0.714487	0.6458	0.566338	0.508461	0.478276
112	0.392462	0.640298	0.663833	0.681486	0.856844	0.967443	0.882219	0.779139	0.634799	0.534612	0.532706	0.527715	0.484689	0.420709	0.37563	0.376522
113	0.499701	0.554755	0.62784	0.859866	1.1684	1.30125	1.16864	1.00053	0.730273	0.537183	0.443825	0.432882	0.489639	0.520025	0.526421	0.51327
114	0.368049	0.512586	0.565344	0.756754	0.894007	0.861775	0.770579	0.700198	0.676125	0.673748	0.644627	0.584396	0.520185	0.470168	0.426014	0.375962
115	0.628932	0.819793	0.791851	0.796538	0.817049	0.786961	0.720021	0.674063	0.67253	0.694161	0.69011	0.642912	0.564181	0.491788	0.463482	0.444545
116	0.47986	0.667189	0.783992	0.887208	1.09237	1.19745	1.05431	0.891001	0.664029	0.505397	0.510922	0.509656	0.454257	0.409067	0.397628	0.397584
117	0.565079	0.644774	0.654695	0.871429	1.05156	1.03734	0.899191	0.722133	0.505064	0.454313	0.492262	0.499285	0.468544	0.438524	0.430424	0.431881
118	0.525927	0.589392	0.564527	0.586998	0.674326	0.729134	0.691943	0.637965	0.578071	0.552304	0.545333	0.518107	0.467201	0.423524	0.408823	0.397964
119	0.479337	0.597194	0.677864	0.819195	0.997293	1.05	0.93751	0.808855	0.649963	0.560164	0.536624	0.551742	0.550076	0.528673	0.486947	0.434123
120	0.536307	0.678637	0.749376	0.802737	0.896029	0.954625	0.889453	0.824757	0.756342	0.710245	0.673196	0.617575	0.538182	0.461942	0.430605	0.437178
121	0.588271	0.690874	0.700069	0.783326	0.924738	1.02053	0.970044	0.882016	0.749526	0.630284	0.581166	0.566735	0.543728	0.515335	0.484375	0.440635
122	0.503179	0.565662	0.712956	0.902188	1.03668	1.04627	0.93343	0.797067	0.64364	0.550353	0.537558	0.538292	0.529972	0.514032	0.487205	0.454667
123	0.365944	0.562504	0.666637	0.793848	0.927622	0.975001	0.874102	0.755942	0.620946	0.547109	0.533831	0.510601	0.473987	0.452929	0.442593	0.421271
124	0.297988	0.530148	0.633326	0.830615	0.955188	0.912047	0.78675	0.625443	0.466125	0.456015	0.505335	0.520066	0.513275	0.501769	0.491277	0.47629
125	0.394507	0.611509	0.592248	0.718808	0.916743	0.94114	0.811249	0.681588	0.583892	0.591313	0.598931	0.557656	0.493641	0.458141	0.446246	0.415553
126	0.528144	0.576107	0.588625	0.772592	1.00426	1.07654	0.951514	0.815408	0.661641	0.613133	0.57578	0.528586	0.456914	0.419621	0.419151	0.419357
127	1.62766	1.68424	1.38125	0.86791	0.886853	0.899733	0.813123	0.776233	0.708121	0.623971	0.525599	0.442033	0.430211	0.452238	0.455808	0.436145
128	1.49009	2.46256	2.08326	1.05545	0.893929	0.930298	0.916687	0.879253	0.782448	0.671021	0.600292	0.565217	0.527611	0.492332	0.466882	0.429298
129	1.26872	1.24688	1.00521	0.714224	0.734829	0.74175	0.682179	0.650683	0.613322	0.619887	0.633057	0.613785	0.559695	0.496262	0.449418	0.410919
130	0.360777	0.564638	0.599698	0.737608	0.889606	0.891538	0.803276	0.709921	0.618231	0.563677	0.541158	0.530509	0.52069	0.502062	0.473575	0.443116
131	0.323001	0.568597	0.59645	0.681842	0.860606	0.920086	0.824305	0.718397	0.601935	0.552436	0.554134	0.543109	0.517575	0.492594	0.466785	0.441946
132	0.470234	0.76012	0.795798	0.772804	0.816033	0.856894	0.79843	0.76154	0.721332	0.677226	0.621219	0.557854	0.504542	0.466835	0.429234	0.39017
133	0.633202	0.671916	0.648824	0.737935	0.875966	0.884395	0.776202	0.669457	0.584825	0.564499	0.551508	0.50997	0.461798	0.43949	0.43288	0.421458
134	0.479635	0.553588	0.641219	0.879427	1.14049	1.20507	1.03783	0.831735	0.479194	0.425607	0.472587	0.495642	0.479529	0.45347	0.433489	0.412193
135	0.542144	0.620025	0.618086	0.732199	0.880522	0.900579	0.79174	0.674591	0.561563	0.521793	0.511088	0.475045	0.436781	0.436457	0.448439	0.437767
136	0.545085	0.630606	0.603246	0.556205	0.712594	0.847383	0.791831	0.715539	0.588786	0.46252	0.430943	0.464136	0.490011	0.49732	0.48051	0.439043
137	0.406164	0.592122	0.678032	0.738237	0.913626	1.02507	0.920239	0.801138	0.641164	0.535092	0.531601	0.523623	0.480778	0.432496	0.396704	0.373877
138	0.44498	0.523425	0.633537	0.81834	1.01139	1.05155	0.913222	0.76	0.58945	0.529257	0.550606	0.545715	0.520901	0.495466	0.459028	0.406379
139	0.562349	0.809449	0.777171	0.852651	1.07323	1.11681	0.961649	0.792525	0.592356	0.520077	0.548938	0.535364	0.491226	0.458022	0.437564	0.416963
140	0.464747	0.535545	0.521831	0.59764	0.903546	1.05327	0.94675	0.826767	0.651167	0.554789	0.506896	0.433165	0.374006	0.359574	0.360908	0.358564
141	0.673594	0.688451	0.665479	0.854996	1.14378	1.23698	1.07885	0.894286	0.625815	0.553212	0.536349	0.506093	0.45401	0.402334	0.387927	0.397524
142	0.532623	0.666322	0.773467	0.89181	1.11438	1.23111	1.11516	1.0023	0.867715	0.765726	0.698479	0.633434	0.569803	0.522088	0.461799	0.398518
143	0.475043	0.658572	0.716048	0.943974	1.26016	1.38111	1.22564	1.03377	0.73017	0.522277	0.454093	0.498954	0.542041	0.547728	0.526722	0.489256
144	0.730081	0.864313	0.790963	0.744702	1.08469	1.274	1.14354	0.988507	0.73658	0.528985	0.498812	0.51666	0.489341	0.453239	0.435497	0.423884
145	0.550738	0.754273	0.749157	0.854802	1.16987	1.29376	1.13955	0.977836	0.768791	0.625219	0.591376	0.546308	0.480243	0.433437	0.402025	0.38066
146	0.278439	0.46079	0.588506	0.754562	0.88031	0.87789	0.766872	0.644444	0.535412	0.512109	0.511878	0.49728	0.471422	0.447143	0.426313	0.412058
147	0.548717	0.673233	0.651225	0.616782	0.87875	1.04073	0.956194	0.857741	0.706809	0.56528	0.49989	0.477904	0.465068	0.470912	0.472591	0.454195
148	0.573882	0.72912	0.758078	0.755157	0.853011	0.894495	0.785196	0.70827	0.662525	0.64979	0.615287	0.535618	0.435828	0.407948	0.407782	0.42281
149	0.242418	0.501536	0.499815	0.550665	0.704682	0.774275	0.712298	0.658902	0.599994	0.552107	0.504626	0.457267	0.437906	0.443724	0.436731	0.404367
150	0.323728	0.429725	0.498427	0.614735	0.752485	0.800437	0.732686	0.688722	0.666232	0.660397	0.636156	0.581473	0.516886	0.482054	0.48429	0.492648
151	0.48278	0.728689	0.758549	0.778656	0.802482	0.789009	0.81053	0.806759	0.769142	0.686699	0.569426	0.487821	0.502063	0.545876	0.552512	0.51639
152	0.571677	0.603167	0.712924	0.91078	1.11702	1.19881	1.07039	0.91403	0.70362	0.53495	0.506254	0.493403	0.458053	0.44033	0.429087	0.416117
153	0.394975	0.615426	0.645805	0.776658	1.12119	1.26219	1.1179	0.959367	0.728188	0.504032	0.466015	0.470799	0.468822	0.48758	0.497461	0.484381

154	0.397118	0.598859	0.720423	0.970425	1.22858	1.28201	1.11004	0.909729	0.64615	0.487451	0.535148	0.534899	0.497468	0.480255	0.471663	0.451544
155	0.57803	0.57078	0.673533	0.894857	1.059	1.06859	0.949416	0.822059	0.703863	0.639606	0.58506	0.495328	0.395921	0.376762	0.39264	0.389824
156	0.356772	0.593427	0.656858	0.843817	0.982117	0.932736	0.807371	0.68456	0.621308	0.62526	0.616205	0.573919	0.5164	0.462522	0.411672	0.398454
157	0.34896	0.468606	0.504813	0.654749	0.934998	1.05298	0.929771	0.800238	0.64825	0.593095	0.608846	0.588357	0.528177	0.468649	0.430965	0.404982
158	0.444752	0.512874	0.512044	0.559891	0.681445	0.730369	0.637975	0.538731	0.462999	0.508855	0.568058	0.578658	0.543927	0.486326	0.435198	0.404887
159	0.456327	0.472273	0.534997	0.642501	0.715968	0.718994	0.665378	0.598082	0.535084	0.505827	0.496809	0.481443	0.45838	0.441923	0.437687	0.434513
160	0.419963	0.548062	0.611995	0.70654	0.796899	0.797894	0.707619	0.617267	0.565142	0.575846	0.581684	0.549797	0.493011	0.441898	0.423237	0.393398
161	0.401593	0.560461	0.669444	0.85974	1.03788	1.051	0.903953	0.731931	0.547509	0.52592	0.573295	0.5641	0.5105	0.442683	0.381659	0.346932
162	0.352389	0.478722	0.512037	0.699842	0.900312	0.937198	0.82943	0.726818	0.635243	0.605267	0.583198	0.544163	0.49943	0.456921	0.413979	0.382706
163	0.506077	0.641557	0.63044	0.633705	0.740346	0.805414	0.79131	0.76527	0.718135	0.663006	0.604365	0.540954	0.475366	0.418143	0.381474	0.366692
164	0.484693	0.575221	0.647745	0.893498	1.12619	1.16636	1.03011	0.872719	0.675469	0.556526	0.470985	0.471018	0.479185	0.484081	0.466301	0.429159
165	0.606172	0.611612	0.597393	0.649147	0.771121	0.806893	0.725146	0.658715	0.620555	0.625219	0.622522	0.584311	0.519737	0.457387	0.416888	0.391581
166	0.553576	0.609986	0.590422	0.621258	0.715601	0.756182	0.749849	0.761582	0.755854	0.711928	0.617087	0.475967	0.360655	0.379165	0.418367	0.421824
167	0.557537	0.647901	0.632249	0.650457	0.814925	0.924055	0.844801	0.742575	0.588693	0.459725	0.455094	0.46747	0.440754	0.401416	0.38003	0.377826
168	0.490559	0.622544	0.626359	0.61312	0.78612	0.904417	0.816725	0.726888	0.606326	0.540073	0.494422	0.442459	0.423832	0.425673	0.420814	0.396978
169	0.525813	0.652704	0.688534	0.760974	0.828006	0.8152	0.756688	0.709811	0.686219	0.673175	0.640295	0.584974	0.538716	0.527513	0.525017	0.5017
170	0.402111	0.537539	0.55415	0.57703	0.679195	0.737729	0.679815	0.655888	0.644048	0.629879	0.587723	0.517795	0.457769	0.445728	0.447772	0.429713
171	0.62646	0.669289	0.629292	0.803841	1.11629	1.22325	1.0785	0.910565	0.658489	0.505468	0.403658	0.457953	0.452566	0.438658	0.420646	0.410166
172	0.429755	0.580237	0.546357	0.515429	0.669958	0.760483	0.69184	0.634617	0.570484	0.531226	0.490889	0.440135	0.386512	0.362126	0.365979	0.378941
173	0.299724	0.504173	0.548686	0.646092	0.868189	0.969557	0.872457	0.760138	0.597618	0.453604	0.443809	0.477577	0.490825	0.485125	0.464448	0.440097
174	0.418701	0.568067	0.549424	0.563712	0.638312	0.638712	0.651316	0.665786	0.670533	0.65373	0.609547	0.543	0.470553	0.41675	0.394103	0.38896
175	0.325704	0.437786	0.504128	0.631277	0.779856	0.811059	0.713948	0.617976	0.540192	0.532869	0.538122	0.507421	0.444699	0.384281	0.361486	0.358934
176	0.430124	0.590807	0.575714	0.811731	1.20231	1.33746	1.16528	0.971035	0.677593	0.506095	0.479919	0.490491	0.425326	0.376389	0.371984	0.386931
177	0.41699	0.524256	0.636172	0.769313	0.981591	1.05274	0.951577	0.849614	0.737834	0.671453	0.646323	0.593098	0.514277	0.436968	0.394705	0.391614
178	0.45072	0.589776	0.6216	0.771856	1.03863	1.1254	0.975075	0.801662	0.548861	0.433166	0.49985	0.534238	0.518425	0.499522	0.48039	0.45287
179	0.377694	0.532256	0.553438	0.871675	1.2949	1.44168	1.25129	1.0275	0.643582	0.522652	0.533902	0.50313	0.44693	0.398062	0.393748	0.413052
180	0.432457	0.583361	0.624812	0.754365	1.06318	1.232	1.11907	0.973601	0.741261	0.502081	0.474575	0.513974	0.493263	0.467992	0.457485	0.441146
181	0.49754	0.604794	0.619854	0.616743	0.684527	0.733472	0.661131	0.576799	0.473401	0.430135	0.461617	0.490361	0.498313	0.490423	0.466295	0.425868
182	1.56526	2.22616	2.30558	2.08863	1.64607	1.19199	1.02124	0.903856	0.927227	0.905128	0.846371	0.808969	0.789905	0.773794	0.750716	0.715106
183	0.566961	0.626313	0.588106	0.811127	1.18958	1.34417	1.19598	1.02459	0.777945	0.617148	0.602112	0.615996	0.592624	0.596524	0.638819	0.693582
184	0.539973	0.584271	0.604986	0.620605	0.658841	0.704694	0.713211	0.700646	0.671059	0.641611	0.62938	0.634607	0.638822	0.625844	0.598826	0.585551
185	0.706684	0.797498	0.796665	0.812106	0.878613	0.870252	0.809158	0.783874	0.790272	0.800505	0.781114	0.729042	0.667411	0.622658	0.60331	0.611373
186	0.619048	0.71007	0.711479	0.704183	0.697531	0.65427	0.603917	0.579494	0.59462	0.624781	0.640121	0.636015	0.630493	0.641889	0.65836	0.654546
187	0.486273	0.660089	0.718276	0.731046	0.847061	0.945017	0.857566	0.795227	0.758713	0.764852	0.763331	0.728273	0.68292	0.671032	0.673351	0.666968
188	0.573185	0.688249	0.737578	0.772354	0.820347	0.900227	0.880058	0.822224	0.737541	0.679998	0.672753	0.672201	0.653878	0.632401	0.620488	0.604931
189	0.376889	0.643565	0.646104	0.659832	0.79791	0.860311	0.783665	0.733026	0.697971	0.682447	0.654201	0.602669	0.551817	0.529966	0.533896	0.552161
190	0.492473	0.560857	0.604313	0.676095	0.758359	0.780399	0.788182	0.788034	0.764844	0.70875	0.625245	0.559146	0.568449	0.608515	0.61977	0.590535
191	0.550239	0.58634	0.55984	0.707399	0.948243	1.02123	0.913595	0.804317	0.678965	0.60611	0.603104	0.626653	0.646506	0.643368	0.611894	0.569034
192	0.508701	0.62624	0.670851	0.826875	1.01568	1.04605	0.935786	0.81746	0.694497	0.632083	0.619632	0.604571	0.574471	0.536034	0.499302	0.476875
193	0.449587	0.569381	0.666571	0.741096	0.783748	0.782048	0.722105	0.677541	0.659172	0.651572	0.621826	0.568741	0.539286	0.579642	0.650662	0.708327
194	0.48118	0.595828	0.597728	0.680763	0.83015	0.899417	0.877154	0.860341	0.830168	0.787238	0.733257	0.694072	0.69439	0.710779	0.717694	0.6925
195	0.469331	0.694878	0.666375	0.707301	0.78365	0.805723	0.753924	0.719158	0.723439	0.760509	0.781471	0.762464	0.710645	0.657298	0.634884	0.634817
196	0.485158	0.587205	0.651386	0.828873	1.01707	1.10407	1.05294	0.967787	0.845179	0.732945	0.663166	0.611883	0.557407	0.530344	0.562498	0.621969
197	0.535521	0.730466	0.792022	0.897901	1.06394	1.10354	0.974656	0.834675	0.683844	0.647039	0.715193	0.769498	0.773319	0.722717	0.632739	0.556928
198	0.292133	0.6008	0.684159	0.851835	0.953913	0.944796	0.908454	0.828112	0.732803	0.665296	0.64189	0.627284	0.60109	0.590669	0.629891	0.686311
199	0.513775	0.575307	0.554049	0.671296	0.807449	0.814626	0.756964	0.716398	0.693701	0.68776	0.68289	0.67396	0.655931	0.618813	0.560627	0.520025
200	0.351597	0.532367	0.61966	0.676564	0.750216	0.771649	0.731368	0.712234	0.700763	0.682918	0.647801	0.610681	0.595404	0.593507	0.578221	0.558642
201	0.489136	0.593341	0.615634	0.662914	0.884967	0.982937	0.865352	0.745434	0.595881	0.509512	0.512467	0.524936	0.537864	0.559863	0.584472	0.607425
202	0.517078	0.634798	0.627315	0.641467	0.873825	1.00684	0.931544	0.843542	0.717152	0.619804	0.606931	0.633351	0.653912	0.661031	0.661295	0.667044
203	0.34182	0.513942	0.578793	0.716771	0.871956	0.922677	0.830908	0.727365	0.617205	0.581348	0.587219	0.58225	0.563445	0.550835	0.555719	0.566092
204	0.547403	0.961212	0.884853	0.666443	0.647573	0.704615	0.681558	0.707086	0.721628	0.72361	0.704987	0.669354	0.630608	0.598718	0.579729	0.588365
205	0.561303	0.645303	0.590188	0.499921	0.513141	0.578336	0.619741	0.628664	0.602101	0.554693	0.514229	0.500165	0.504586	0.505143	0.498541	0.488534
206	0.471987	0.781613	0.727	0.709725	0.787125	0.733983	0.641929	0.569004	0.542426	0.549579	0.543477	0.522339	0.508254	0.507595	0.506691	0.494205

207	0.491662	0.643988	0.636319	0.585213	0.642686	0.73067	0.716641	0.689505	0.637118	0.586914	0.560667	0.555598	0.559817	0.578277	0.601381	0.606543
208	0.501438	0.609703	0.666869	0.750313	0.795689	0.773331	0.713637	0.689704	0.697339	0.697699	0.659699	0.586532	0.520854	0.521644	0.566076	0.609102
209	0.430129	0.538992	0.62345	0.677309	0.692534	0.754149	0.759605	0.735265	0.688492	0.641472	0.611488	0.600509	0.59773	0.595574	0.585482	0.563978
210	0.613997	0.654006	0.655421	0.73486	0.915769	0.99007	0.903577	0.820916	0.729581	0.672423	0.649963	0.634834	0.610053	0.568976	0.521838	0.509665
211	0.615959	0.666155	0.64512	0.75271	1.03151	1.16283	1.05473	0.924554	0.74195	0.6403	0.660231	0.68993	0.669471	0.608915	0.53731	0.496302
212	0.525571	0.534191	0.673384	0.86244	1.10692	1.22375	1.10835	1.00865	0.910444	0.845136	0.773289	0.670452	0.601726	0.626111	0.649736	0.63091
213	0.614116	0.700421	0.65888	0.778843	0.991059	1.02563	0.905886	0.818619	0.764684	0.754167	0.748576	0.741152	0.734388	0.709253	0.649909	0.570361
214	0.407395	0.648516	0.678303	0.771275	0.858167	0.827879	0.779596	0.729414	0.693673	0.677949	0.671997	0.663128	0.63903	0.594064	0.541846	0.510703
215	0.418594	0.667888	0.707075	0.722363	0.809397	0.897069	0.84418	0.78139	0.693613	0.612975	0.5624	0.546631	0.555622	0.562174	0.548747	0.542237
216	0.423951	0.692911	0.724969	0.790849	1.01954	1.11954	0.988894	0.866578	0.733599	0.665117	0.642522	0.608598	0.566311	0.531209	0.502135	0.533264
217	0.68242	0.706182	0.709408	0.785798	0.927373	0.995528	0.917543	0.837561	0.74896	0.69368	0.6696	0.652993	0.651867	0.684187	0.728307	0.748173
218	0.454762	0.564825	0.649551	0.880057	1.08416	1.09799	0.976232	0.877959	0.811978	0.78034	0.732384	0.654605	0.57694	0.529555	0.516516	0.540657
219	0.47459	0.663757	0.671639	0.606835	0.645761	0.739655	0.706683	0.670115	0.616036	0.579451	0.572792	0.570935	0.553042	0.518935	0.482227	0.457097
220	0.509271	0.61895	0.561771	0.455313	0.545795	0.657922	0.629575	0.611983	0.581823	0.550933	0.516519	0.481741	0.460074	0.451952	0.427501	0.394147
221	2.27672	2.43603	2.11965	1.46658	0.957771	0.9756	0.995339	1.08111	1.01771	0.883139	0.791159	0.811458	0.866756	0.87889	0.868852	0.892613
222	1.11752	1.4209	1.17876	0.624978	0.698114	0.71827	0.696799	0.697299	0.659685	0.601174	0.532874	0.485004	0.481507	0.498688	0.511843	0.519724
223	0.499575	0.575673	0.533328	0.554661	0.745322	0.823536	0.734261	0.640786	0.53065	0.482607	0.494449	0.501728	0.496964	0.486641	0.464283	0.426093
224	0.461302	0.590653	0.618505	0.835313	1.2207	1.36605	1.1894	0.992226	0.713962	0.651705	0.640831	0.652161	0.601595	0.562855	0.553013	0.542655
225	0.532245	0.633048	0.59831	0.710543	0.980753	1.08623	0.984719	0.878488	0.749957	0.66794	0.635284	0.593993	0.529271	0.466143	0.431028	0.425075
226	0.364822	0.592523	0.663345	0.693705	0.681358	0.681885	0.707058	0.705249	0.682245	0.640689	0.598862	0.574997	0.560477	0.5315	0.477202	0.412013
227	0.350442	0.636299	0.638823	0.599817	0.691746	0.820521	0.802196	0.767222	0.713642	0.674218	0.646687	0.607315	0.554399	0.509236	0.482935	0.462953
228	0.485186	0.662579	0.68992	0.814188	1.01494	1.08436	0.959518	0.823784	0.665008	0.613556	0.576862	0.527046	0.488441	0.483872	0.498941	0.51027
229	0.661934	0.758756	0.741598	0.76774	1.04591	1.20943	1.09922	0.970365	0.775131	0.600316	0.534962	0.498476	0.504914	0.529997	0.543205	0.528014
230	0.558999	0.70315	0.684768	0.885804	1.15615	1.2239	1.0612	0.879214	0.661847	0.607618	0.671217	0.703445	0.700135	0.675932	0.627709	0.559402
231	0.340054	0.744172	0.766275	0.79638	1.0031	1.15223	1.05853	0.938734	0.762866	0.624984	0.606115	0.601869	0.561158	0.51627	0.489635	0.466426
232	0.376659	0.537729	0.630601	0.720961	0.758353	0.73675	0.703539	0.654624	0.608828	0.575521	0.55611	0.54748	0.53921	0.520257	0.495448	0.48561
233	0.516878	0.529726	0.630524	0.812565	1.05769	1.1825	1.08003	0.952962	0.769787	0.611464	0.57267	0.53114	0.488773	0.458451	0.463691	0.487833
234	0.641083	0.694657	0.809176	0.963107	1.0555	1.06623	0.989502	0.901228	0.817863	0.761604	0.714216	0.658678	0.608107	0.578893	0.554999	0.515251
235	0.586119	0.63487	0.602849	0.626556	0.812673	0.972437	0.927647	0.864831	0.772959	0.71032	0.696587	0.690146	0.662893	0.620452	0.590432	0.597004
236	0.484173	0.659877	0.720632	0.706505	0.697687	0.714953	0.701094	0.70985	0.71272	0.684581	0.604493	0.507345	0.594773	0.761535	0.872539	0.910721
237	0.345314	0.513501	0.594629	0.722139	0.863231	0.910276	0.859952	0.802511	0.734075	0.67653	0.642767	0.654635	0.711656	0.768249	0.789994	0.781541
238	0.421732	0.550863	0.602495	0.716939	1.0087	1.14191	1.01948	0.891805	0.735131	0.679289	0.702373	0.7268	0.711607	0.665766	0.626085	0.664362
239	0.32223	0.468373	0.591223	0.807343	1.01233	1.06206	0.95234	0.84384	0.745136	0.710211	0.712622	0.718566	0.720575	0.702924	0.649366	0.568205
240	0.510163	0.608538	0.676712	0.819051	1.12704	1.26716	1.1234	0.95104	0.684122	0.532487	0.614455	0.700819	0.74169	0.749111	0.730335	0.693221
241	0.50542	0.539297	0.599972	0.80974	1.12133	1.24783	1.09993	0.926674	0.682711	0.615485	0.686542	0.752341	0.75873	0.725662	0.665652	0.598487
242	0.570274	0.659514	0.699195	0.847188	1.18416	1.38075	1.2799	1.13821	0.908749	0.674927	0.625419	0.659429	0.639314	0.604385	0.632575	0.712917
243	0.543587	0.725362	0.706296	0.666424	0.718028	0.80389	0.777584	0.740739	0.690736	0.660513	0.648701	0.626267	0.584832	0.558949	0.585749	0.629491
244	0.414034	0.661697	0.714124	0.751089	0.798908	0.842227	0.837844	0.795445	0.72181	0.64438	0.614487	0.653418	0.708883	0.731865	0.70439	0.635825
245	0.354969	0.514051	0.603759	0.746734	0.911343	0.984676	0.90817	0.806849	0.672799	0.577371	0.556859	0.553503	0.536188	0.533506	0.573366	0.628275
246	0.535721	0.624337	0.61014	0.616628	0.836901	0.935363	0.826952	0.720637	0.603828	0.584435	0.637297	0.673168	0.676581	0.656714	0.626342	0.596743
247	0.451294	0.705411	0.914781	0.996758	0.978109	0.96764	0.904456	0.832364	0.760631	0.700439	0.674071	0.700133	0.743756	0.753656	0.703663	0.609649
248	0.379369	0.597212	0.620873	0.733588	0.938642	0.997839	0.883167	0.767763	0.673385	0.691755	0.748618	0.772268	0.756615	0.717146	0.681164	0.672595
249	0.433088	0.688117	0.73654	0.782049	0.839745	0.826589	0.80745	0.811318	0.816103	0.796662	0.7459	0.687697	0.66016	0.659257	0.64584	0.597302
250	0.472909	0.622444	0.685633	0.740532	0.845523	0.892308	0.813497	0.742181	0.681384	0.656629	0.653294	0.674591	0.734654	0.809656	0.866748	0.890256
251	0.541334	0.6426	0.666535	0.732837	0.816922	0.795872	0.700302	0.647057	0.658892	0.686423	0.679682	0.657223	0.668489	0.704205	0.718704	0.702088
252	0.687759	0.713436	0.66941	0.743243	0.964024	1.0841	1.003	0.912169	0.80688	0.748862	0.722516	0.675624	0.619464	0.636287	0.729438	0.81683
253	0.485255	0.570164	0.650609	0.833543	1.05707	1.13002	1.0108	0.88093	0.743844	0.711979	0.734419	0.736419	0.710255	0.710463	0.755041	0.791097
254	0.570818	0.720461	0.696499	0.699609	0.807409	0.880169	0.836701	0.773767	0.680099	0.602828	0.611552	0.6902	0.762281	0.787361	0.75033	0.663873
255	0.558924	0.665883	0.703648	0.765584	1.0381	1.22731	1.1326	1.00501	0.797848	0.650204	0.633152	0.648529	0.658266	0.629828	0.578987	0.522427
256	0.576796	0.670779	0.784499	1.00776	1.21025	1.23685	1.07833	0.892953	0.679394	0.59898	0.64541	0.670247	0.671978	0.668632	0.654995	0.621885
257	0.406185	0.587137	0.622839	0.598323	0.670369	0.767267	0.742335	0.740254	0.738752	0.746332	0.755952	0.756742	0.743687	0.721458	0.704064	0.704712
258	0.487261	0.709823	0.675857	0.743125	0.977118	1.05788	0.938146	0.810234	0.65448	0.580517	0.616256	0.669723	0.703982	0.707799	0.678464	0.641144
259	0.445516	0.595356	0.58879	0.64231	0.804183	0.873181	0.819081	0.764846	0.706501	0.681888	0.688442	0.695912	0.687128	0.65856	0.615176	0.578817

260	0.58864	0.703553	0.651681	0.55808	0.657073	0.764359	0.750778	0.733107	0.69395	0.656482	0.631244	0.612555	0.601831	0.617594	0.658187	0.690341
261	0.617928	0.645536	0.661801	0.723619	0.793234	0.791714	0.771021	0.749227	0.720854	0.686966	0.655353	0.633335	0.61821	0.612641	0.627349	0.653077
262	0.503451	0.564599	0.57562	0.832573	1.10575	1.16956	1.02726	0.886204	0.758559	0.737429	0.756835	0.743795	0.697996	0.636369	0.585789	0.605521
263	0.429518	0.564803	0.603039	0.668156	0.818259	0.915775	0.857786	0.782687	0.691248	0.645215	0.645271	0.638264	0.606743	0.561154	0.517951	0.506091
264	0.383814	1.22508	1.22397	1.03658	0.835233	0.729466	0.648045	0.648237	0.663291	0.671107	0.672182	0.676757	0.686746	0.70678	0.748683	0.80256
265	0.505697	0.682287	0.630508	0.504477	0.474652	0.551946	0.559399	0.553862	0.523148	0.491068	0.477095	0.480594	0.489198	0.491346	0.477748	0.444519
266	0.750052	0.826238	0.733122	0.641977	0.624951	0.578611	0.543199	0.539973	0.556095	0.572932	0.573323	0.560186	0.543779	0.525445	0.495756	0.450969
267	0.398317	0.529303	0.517145	0.511273	0.528919	0.558225	0.548204	0.532868	0.531901	0.552343	0.565112	0.547622	0.500005	0.441691	0.401242	0.384899
268	0.536202	0.676999	0.66261	0.575217	0.512199	0.48496	0.443814	0.453872	0.477023	0.493431	0.489713	0.46134	0.416121	0.384559	0.398061	0.427129
269	0.413295	0.598076	0.664272	0.724112	0.826563	0.874983	0.78623	0.71475	0.666978	0.656824	0.637568	0.583592	0.516195	0.485478	0.492017	0.494842
270	0.622392	0.659009	0.622632	0.573298	0.665331	0.781527	0.749025	0.69871	0.619847	0.555948	0.528582	0.511275	0.487176	0.463232	0.443298	0.423637
271	0.433991	0.55964	0.64393	0.727834	0.888881	0.960433	0.871013	0.778211	0.67282	0.608676	0.582391	0.551565	0.50917	0.473919	0.452607	0.437499
272	0.426506	0.499941	0.583015	0.715966	1.02915	1.22632	1.13453	0.998361	0.760878	0.485272	0.470353	0.508369	0.499794	0.451644	0.418316	0.399697
273	0.399356	0.521035	0.562521	0.659643	0.932915	1.09688	0.997743	0.865045	0.644331	0.446434	0.46283	0.527465	0.520523	0.479258	0.428428	0.380747
274	0.516521	0.714867	0.785043	0.83223	0.864105	0.824873	0.751573	0.699447	0.682786	0.674677	0.63918	0.571809	0.498603	0.457801	0.450463	0.445808
275	0.363167	0.476361	0.495757	0.584147	0.698819	0.766411	0.743091	0.698077	0.62822	0.556724	0.50154	0.467725	0.451294	0.441048	0.426431	0.409019
276	0.435195	0.602782	0.597769	0.807091	1.16288	1.31798	1.18299	1.01433	0.744048	0.527673	0.524237	0.544461	0.542679	0.496413	0.425834	0.358714
277	0.400946	0.54125	0.540216	0.529708	0.635924	0.779022	0.800688	0.774799	0.697249	0.587815	0.482717	0.420423	0.41811	0.443238	0.467232	0.476158
278	0.319373	0.50309	0.551892	0.576072	0.674534	0.755316	0.713903	0.661439	0.595119	0.555982	0.547632	0.53568	0.504533	0.461848	0.42187	0.394607
279	0.727977	0.792064	0.713285	0.689585	0.857343	0.917417	0.836564	0.76382	0.674934	0.594229	0.524806	0.476149	0.470088	0.481786	0.488394	0.491928
280	0.789541	0.799196	0.721265	0.744934	0.952191	1.08694	1.00183	0.885492	0.698402	0.515334	0.473752	0.428966	0.407853	0.379279	0.376359	0.389693
281	0.57759	0.624835	0.625931	0.639182	0.812268	0.950518	0.883495	0.793286	0.654149	0.533269	0.504737	0.507077	0.490332	0.468148	0.451006	0.435843
282	0.560969	0.591789	0.740664	0.984473	1.2288	1.32422	1.18523	1.01514	0.788334	0.633361	0.617497	0.579794	0.517098	0.47799	0.474743	0.46323
283	0.368976	0.525687	0.53265	0.547159	0.606539	0.628133	0.6129	0.621812	0.638721	0.640919	0.609688	0.546488	0.474343	0.423039	0.392462	0.36123
284	0.436546	0.560617	0.603315	0.636307	0.681482	0.674958	0.621597	0.569123	0.528691	0.510137	0.497391	0.486903	0.495957	0.520442	0.531512	0.51117
285	0.721924	0.783486	0.711296	0.697932	0.863136	0.947517	0.884928	0.817211	0.723684	0.634464	0.560445	0.500854	0.467399	0.459079	0.45009	0.435795
286	0.479648	0.542519	0.626763	0.770029	0.865765	0.878505	0.80071	0.698048	0.57548	0.486005	0.473863	0.44857	0.424601	0.39606	0.379192	0.378544
287	0.43686	0.556759	0.648793	0.691784	0.663587	0.620016	0.63534	0.654373	0.672235	0.662864	0.619638	0.556555	0.504808	0.481897	0.467576	0.449076
288	0.480764	0.558955	0.53311	0.706128	0.957849	1.02348	0.887741	0.756652	0.643362	0.632821	0.638451	0.592837	0.510486	0.448102	0.442832	0.457635
289	0.582889	0.698665	0.67237	0.863166	1.21142	1.34373	1.18386	0.989055	0.666788	0.462305	0.453464	0.49699	0.497304	0.476536	0.472647	0.488077
290	0.526558	0.656254	0.633283	0.724454	0.873365	0.874942	0.757312	0.653975	0.601957	0.612528	0.601925	0.543174	0.463173	0.41788	0.413235	0.414829
291	0.48579	0.562523	0.54958	0.543105	0.641636	0.673002	0.592955	0.518164	0.448473	0.434134	0.45045	0.456227	0.443585	0.414632	0.377324	0.355446
292	0.358031	0.587955	0.556384	0.586113	0.912335	1.06569	0.95215	0.824671	0.630054	0.493751	0.459903	0.419199	0.405027	0.415619	0.42988	0.431298
293	0.482185	0.599742	0.673913	0.730135	0.823353	0.899682	0.813264	0.716727	0.60546	0.549834	0.542612	0.515794	0.456581	0.399896	0.381138	0.385544
294	0.355548	0.614594	0.661645	0.817631	1.08983	1.20564	1.09348	0.969729	0.809858	0.684868	0.638335	0.558048	0.498258	0.469803	0.4491	0.422091
295	0.440418	0.691949	0.805221	0.877457	0.97331	0.989845	0.860788	0.727541	0.605052	0.565014	0.550494	0.497598	0.423533	0.392891	0.404582	0.410817
296	0.474013	0.544198	0.569831	0.679691	0.905279	1.00662	0.911707	0.811115	0.689185	0.607795	0.567463	0.519113	0.465563	0.442513	0.435697	0.416273
297	0.48514	0.6253	0.62256	0.646972	0.816214	0.874258	0.755307	0.63401	0.497937	0.461323	0.49365	0.502083	0.486888	0.462402	0.433098	0.407319
298	0.31917	0.562106	0.631639	0.636575	0.613768	0.595414	0.600885	0.615012	0.621518	0.602204	0.556916	0.510092	0.498449	0.512888	0.514566	0.488005
299	0.519731	0.725372	0.690642	0.806351	1.06967	1.16076	1.02799	0.885518	0.712095	0.630542	0.595784	0.566482	0.514898	0.484209	0.486957	0.504437
300	0.629124	0.820689	0.779809	0.654411	0.671715	0.805452	0.821633	0.804919	0.755877	0.714503	0.701023	0.692192	0.664155	0.61955	0.586757	0.592628
301	0.687611	0.71875	0.691364	0.715919	0.916014	1.01042	0.926002	0.882567	0.85875	0.851649	0.824904	0.768445	0.718193	0.727999	0.779674	0.811703
302	0.720895	0.758172	0.704369	0.701589	0.827819	0.902963	0.829999	0.761812	0.681005	0.619621	0.585181	0.57324	0.573435	0.561862	0.520304	0.456658
303	1.39611	1.37835	1.11093	0.772865	0.845196	0.971464	1.09741	1.18794	1.22621	1.20589	1.11526	0.962085	0.840716	0.941654	1.13278	1.27211
304	1.87858	2.60812	2.46173	2.12027	1.98916	1.81135	1.51913	1.35786	1.29362	1.31043	1.3397	1.37016	1.38725	1.37146	1.34636	1.36608
305	0.851609	0.91042	0.787699	0.643213	0.778414	0.895925	0.841766	0.795234	0.745103	0.731595	0.730584	0.709329	0.673684	0.643905	0.620023	0.614124
306	1.21525	1.70852	1.45726	0.883386	0.768809	0.778543	0.75335	0.925656	1.05197	1.11977	1.11153	1.04712	1.00201	1.04647	1.12521	1.16897
307	1.14064	1.19874	1.05919	0.881037	0.903988	0.990242	0.96428	0.93387	0.883467	0.868218	0.912534	0.978591	1.02263	1.02946	1.0103	0.9923
308	0.558252	0.605554	0.592377	0.639908	0.845674	0.991208	0.923997	0.838719	0.720592	0.641442	0.625032	0.613275	0.584402	0.550755	0.513844	0.463322
309	0.609438	0.685809	0.646424	0.612288	0.891233	1.06864	0.987318	0.886573	0.732308	0.5984	0.551657	0.528598	0.484434	0.454353	0.446127	0.437638
310	0.531148	0.604786	0.586806	0.571652	0.757942	0.871429	0.828378	0.770846	0.676089	0.578627	0.509682	0.465781	0.421196	0.397553	0.403771	0.415798
311	0.559729	0.729484	0.716173	0.755245	1.00933	1.13314	1.00188	0.859937	0.669572	0.544871	0.538515	0.514066	0.449041	0.405931	0.410884	0.427145
312	0.542205	0.695046	0.714603	0.70839	0.715059	0.70151	0.657515	0.604391	0.552335	0.524999	0.519905	0.50998	0.480254	0.441998	0.430386	0.440489

313	0.688556	0.740287	0.720715	0.789649	1.01025	1.12958	1.02471	0.899074	0.72646	0.612324	0.619396	0.62836	0.596432	0.549707	0.51669	0.503705
314	0.355441	0.614128	0.621062	0.682903	0.886939	0.97527	0.862266	0.742783	0.598249	0.535916	0.545138	0.549131	0.528346	0.497753	0.465095	0.441518
315	0.423379	0.757387	0.721402	0.589832	0.617605	0.727627	0.78797	0.84224	0.874813	0.887348	0.881372	0.862316	0.836464	0.803438	0.759939	0.712428
316	0.539957	0.663774	0.633855	0.771607	1.0026	1.06541	0.954316	0.842623	0.720922	0.640287	0.584756	0.520157	0.47026	0.460973	0.458352	0.447826
317	0.537079	0.910472	0.855654	0.707445	0.942458	1.14369	1.04752	0.920243	0.695716	0.491091	0.519067	0.534742	0.522106	0.472455	0.430047	0.414385
318	0.374619	0.555236	0.631076	0.871191	1.25917	1.41744	1.24988	1.05965	0.788104	0.618844	0.632925	0.620782	0.533531	0.432893	0.390363	0.38236
319	0.521599	0.588341	0.687961	0.775179	0.933367	1.08395	1.01167	0.902539	0.74033	0.625128	0.628453	0.635669	0.599583	0.547322	0.507374	0.479539
320	0.610544	0.658818	0.661199	0.666065	0.871333	1.01521	0.941933	0.864776	0.760267	0.681313	0.640573	0.602042	0.550798	0.49845	0.448717	0.403965
321	0.436171	0.673091	0.661434	0.630239	0.98662	1.22898	1.15508	1.0392	0.830741	0.574619	0.504383	0.457816	0.439345	0.430544	0.454794	0.479851
322	0.453996	0.622146	0.60414	0.628227	0.806682	0.933436	0.890509	0.819331	0.704747	0.59974	0.552837	0.529668	0.485015	0.420732	0.365135	0.346966
323	0.607488	0.672481	0.642293	0.733892	1.00526	1.14052	1.04695	0.936123	0.77644	0.630837	0.552089	0.504846	0.449364	0.411691	0.40657	0.40856
324	0.714701	0.678179	0.66345	0.838304	1.16523	1.31799	1.17369	0.996866	0.714088	0.564062	0.557704	0.560865	0.547176	0.510715	0.481791	0.458637
325	0.306482	0.571325	0.699847	0.839365	1.0674	1.1883	1.0693	0.930613	0.752688	0.654364	0.661142	0.645701	0.577079	0.490506	0.448154	0.458334
326	0.359359	0.558449	0.634303	0.667105	0.730679	0.79525	0.764211	0.739119	0.699446	0.645295	0.575163	0.506134	0.474191	0.473582	0.462966	0.438313
327	0.461942	0.552312	0.597627	0.698355	0.853021	0.882581	0.766274	0.644271	0.523981	0.518239	0.513493	0.497056	0.449878	0.396875	0.362526	0.356702
328	0.485922	0.523372	0.601922	0.828939	1.04933	1.12961	1.0209	0.878498	0.679777	0.524043	0.525899	0.535847	0.494522	0.43283	0.400167	0.41405
329	0.456229	0.537015	0.568034	0.600899	0.838487	0.954638	0.841355	0.733037	0.605052	0.558068	0.559501	0.561901	0.540666	0.504965	0.463644	0.439686
330	0.525286	0.672079	0.659879	0.635714	0.815659	0.924294	0.844906	0.757092	0.638421	0.560637	0.559509	0.570453	0.5557	0.513232	0.458159	0.435355
331	0.439169	0.575736	0.558946	0.620143	0.986737	1.17608	1.0626	0.918944	0.676257	0.441587	0.458222	0.513034	0.504927	0.471602	0.458596	0.473289
332	0.45559	0.537879	0.61293	0.69331	0.920717	1.06192	0.962656	0.845216	0.67791	0.563169	0.575262	0.592383	0.570179	0.529407	0.490874	0.467213
333	0.466142	0.629862	0.674419	0.712595	0.872077	0.979243	0.879404	0.765784	0.626352	0.593526	0.618267	0.618637	0.591744	0.555408	0.532645	0.518899
334	0.400409	0.643072	0.722988	0.789074	0.902124	0.93574	0.853853	0.787492	0.735082	0.702534	0.65721	0.582501	0.504911	0.479818	0.496657	0.506987
335	0.480677	0.582075	0.625063	0.775265	1.21569	1.41571	1.2598	1.08582	0.824749	0.634145	0.567978	0.539374	0.489663	0.46687	0.451914	0.435107
336	0.385971	0.54132	0.643025	0.93828	1.21905	1.27944	1.12251	0.93985	0.706057	0.582103	0.564416	0.543989	0.498557	0.469703	0.45592	0.439922
337	0.595331	0.701099	0.696818	0.905362	1.15727	1.19581	1.05958	0.91497	0.769575	0.7105	0.699769	0.661365	0.611189	0.633485	0.723444	0.797526
338	0.396064	0.494348	0.737613	0.913972	1.03489	1.12332	1.04324	0.929496	0.789909	0.728962	0.761356	0.77993	0.744522	0.666139	0.580625	0.547265
339	0.492962	0.583172	0.612725	0.662496	0.905438	1.06366	0.984487	0.896087	0.775987	0.696482	0.682446	0.680614	0.671642	0.675115	0.69583	0.709382
340	0.466343	0.628563	0.672379	0.729101	0.856624	0.898471	0.824557	0.768503	0.72619	0.704517	0.679991	0.651404	0.642772	0.658128	0.682429	0.71785
341	0.720109	0.900668	1.11185	1.31251	1.39925	1.33677	1.18691	1.00857	0.852723	0.772636	0.721209	0.654005	0.588735	0.551352	0.530349	0.521127
342	0.57553	0.621423	0.586105	0.726207	0.992304	1.0939	0.995009	0.884596	0.752011	0.680734	0.681067	0.696582	0.720132	0.748014	0.755834	0.733111
343	0.584483	0.63991	0.636554	0.947147	1.34872	1.4945	1.31565	1.10617	0.807628	0.706784	0.709387	0.709553	0.680091	0.685641	0.73126	0.767394
344	0.278721	0.538729	0.571164	0.621391	0.795658	0.875792	0.821498	0.804837	0.795579	0.779961	0.740689	0.697075	0.69133	0.71558	0.727223	0.712594
345	0.675061	0.73792	0.675724	0.686732	0.987152	1.17398	1.09148	0.981563	0.802268	0.614925	0.554831	0.498613	0.488759	0.479752	0.467807	0.447756