2017-08-30 14:30:24.872680
CT_x100
path: ../data/phantom3_MR_v2/ph3_CT_x100
thresholds:
lower (simple): -451.940037951,
lower (iter): -624.945436002
upper: 287.0
DC-average (simple): 0.915364967433 (bestRadius: 4.07142857143)
DC-average (iter): 0.994021385791 (bestRadius: 4.35714285714)
MR_x100
path: ../data/phantom3_MR_v2/ph3_MR_v2_x100
thresholds:
lower (simple): 263.1579347,
lower (iter): 101.050751445
lower (simple_CT-COM): 263.1579347
lower (iter_CT-COM): 101.050751445
upper: 1129.0
DC-average (simple): 0.78450336966 (bestRadius: 2.78571428571)
DC-average (iter): 0.879376043843 (bestRadius: 4.07142857143)
DC-average (CT-COM, simple): 0.662185740948 (bestRadius: 2.78571428571)
DC-average (CT-COM, iter): 0.755707740781 (bestRadius: 4.07142857143)

sliceNo	dist	warpX	warpY	warpM	DC_{CT}	DC_{MR}	$DC_{MR(CT)}$	warpX*	warpY*	warpM*	DC^*_{CT}	DC^*_{MR}	$DC^*_{MR(CT)}$
0	-361	2.942	0.429	2.973	0.968	0.033	0.006	3.311	0.853	3.419	0.944	0.613	0.331
1	-360	2.940	0.429	2.971	0.971	0.033	0.006	3.313	0.843	3.418	0.946	0.613	0.331
2	-359	2.944	0.422	2.974	0.973	0.039	0.008	3.290	0.820	3.391	0.948	0.612	0.335
3	-358	2.943	0.421	2.973	0.972	0.056	0.014	3.230	0.755	3.317	0.948	0.606	0.343
4	-357	2.945	0.406	2.973	0.974	0.074	0.018	3.178	0.679	3.250	0.950	0.602	0.350
5	-356	2.917	0.407	2.946	0.973	0.089	0.026	3.088	0.623	3.150	0.951	0.599	0.364
6	-355	2.905	0.433	2.937	0.972	0.110	0.036	3.047	0.640	3.114	0.950	0.610	0.371
7	-354	2.888	0.457	2.924	0.971	0.136	0.050	3.019	0.697	3.098	0.951	0.633	0.382
8	-353	2.874	0.492	2.916	0.969	0.156	0.058	2.981	0.753	3.075	0.949	0.653	0.392
9	-352	2.871	0.526	2.919	0.970	0.181	0.067	2.956	0.805	3.064	0.950	0.673	0.400
10	-351	2.865	0.530	2.914	0.971	0.175	0.064	2.935	0.832	3.050	0.950	0.679	0.404
11	-350	2.861	0.545	2.912	0.969	0.154	0.056	2.906	0.873	3.034	0.950	0.676	0.405
12	-349	2.850	0.559	2.904	0.969	0.134	0.048	2.889	0.913	3.029	0.950	0.674	0.404
13	-348	2.852	0.570	2.908	0.970	0.109	0.038	2.863	0.934	3.012	0.952	0.669	0.407
14	-347	2.827	0.540	2.878	0.973	0.105	0.039	2.796	0.873	2.929	0.953	0.665	0.416
15	-346	2.821	0.505	2.866	0.974	0.103	0.041	2.732	0.792	2.844	0.955	0.658	0.425
16	-345	2.805	0.460	2.842	0.975	0.103	0.044	2.650	0.696	2.740	0.956	0.652	0.439
17	-344	2.779	0.415	2.810	0.983	0.098	0.045	2.563	0.597	2.632	0.963	0.646	0.452
18	-343	2.802	0.412	2.832	0.989	0.096	0.042	2.569	0.532	2.623	0.973	0.625	0.444
19	-342	2.809	0.398	2.837	0.990	0.088	0.039	2.560	0.479	2.604	0.978	0.603	0.436
20	-341	2.791	0.388	2.818	0.987	0.083	0.038	2.526	0.419	2.561	0.981	0.582	0.432
21	-340	2.785	0.381	2.811	0.989	0.085	0.039	2.494	0.396	2.526	0.981	0.574	0.431
22	-339	2.757	0.428	2.790	0.987	0.117	0.057	2.395	0.488	2.445	0.980	0.604	0.454
23	-338	2.712	0.441	2.747	0.989	0.149	0.079	2.295	0.573	2.365	0.980	0.634	0.476
24	-337	2.646	0.479	2.689	0.987	0.191	0.107	2.211	0.646	2.303	0.980	0.658	0.495
25	-336	2.627	0.502	2.674	0.991	0.219	0.127	2.173	0.723	2.290	0.981	0.673	0.503
26	-335	2.629	0.528	2.682	0.990	0.205	0.117	2.155	0.779	2.291	0.983	0.672	0.503
27	-334	2.642	0.537	2.696	0.990	0.194	0.108	2.133	0.839	2.292	0.986	0.668	0.503
28	-333	2.641	0.556	2.699	0.990	0.182	0.099	2.123	0.882	2.299	0.989	0.665	0.502
29	-332	2.646	0.525	2.697	0.988	0.160	0.091	2.093	0.875	2.268	0.990	0.663	0.508
30	-331	2.624	0.507	2.672	0.985	0.138	0.081	2.068	0.835	2.230	0.994	0.658	0.513
31	-330	2.638	0.469	2.680	0.984	0.116	0.069	2.078	0.793	2.224	0.994	0.655	0.515
32	-329	2.656	0.459	2.696	0.982	0.098	0.056	2.072	0.758	2.206	0.995	0.652	0.519
33	-328	2.650	0.446	2.687	0.981	0.103	0.061	2.064	0.721	2.186	0.995	0.660	0.526
34	-327	2.616	0.436	2.652	0.982	0.125	0.076	2.030	0.658	2.134	0.996	0.671	0.539
35	-326	2.563	0.433	2.600	0.982	0.158	0.105	2.016	0.602	2.104	0.994	0.682	0.548
36	-325	2.483	0.416	2.517	0.981	0.194	0.136	1.989	0.554	2.065	0.994	0.695	0.560

37	-324	2.372	0.393	2.404	0.983	0.203	0.151	1.934	0.476	1.991	0.995	0.682	0.562
38	-323	2.284	0.355	2.312	0.981	0.209	0.162	1.871	0.408	1.915	0.994	0.671	0.564
39	-322	2.188	0.338	2.214	0.983	0.211	0.170	1.813	0.335	1.844	0.996	0.660	0.564
40	-321	2.061	0.317	2.086	0.985	0.218	0.181	1.750	0.284	1.773	0.996	0.653	0.566
41	-320	1.982	0.308	2.006	0.983	0.247	0.205	1.726	0.340	1.760	0.996	0.663	0.573
42	-319	1.892	0.324	1.919	0.983	0.277	0.231	1.689	0.406	1.737	0.996	0.674	0.580
43	-318	1.837	0.353	1.870	0.981	0.305	0.254	1.668	0.481	1.736	0.996	0.684	0.587
44	-317	1.776	0.375	1.815	0.982	0.332	0.276	1.640	0.531	1.723	0.995	0.692	0.593
45	-316	1.716	0.388	1.760	0.982	0.372	0.307	1.636	0.550	1.726	0.995	0.701	0.596
46	-315	1.685	0.388	1.729	0.984	0.397	0.328	1.638	0.549	1.727	0.995	0.712	0.601
47	-314	1.668	0.398	1.715	0.984	0.433	0.352	1.643	0.557	1.735	0.995	0.719	0.603
48	-313	1.627	0.412	1.678	0.984	0.454	0.368	1.631	0.570	1.728	0.995	0.729	0.610
49	-312	1.617	0.422	1.671	0.983	0.459	0.373	1.616	0.561	1.710	0.995	0.736	0.617
50	-311	1.586	0.417	1.640	0.983	0.468	0.381	1.597	0.558	1.692	0.995	0.741	0.623
51	-310	1.553	0.417	1.608	0.984	0.470	0.388	1.578	0.557	1.674	0.995	0.750	0.631
52	-309	1.527	0.421	1.584	0.983	0.471	0.389	1.566	0.562	1.664	0.996	0.755	0.635
53	-308	1.474	0.425	1.534	0.984	0.470	0.397	1.538	0.584	1.645	0.996	0.760	0.641
54	-307	1.427	0.446	1.495	0.983	0.470	0.401	1.520	0.611	1.638	0.996	0.767	0.644
55	-306	1.372	0.454	1.445	0.983	0.464	0.402	1.494	0.634	1.622	0.994	0.771	0.647
56	-305	1.350	0.442	1.421	0.985	0.466	0.407	1.477	0.603	1.595	0.996	0.780	0.656
57	-304	1.295	0.420	1.361	0.985	0.473	0.417	1.424	0.559	1.530	0.997	0.790	0.671
58	-303	1.250	0.414	1.316	0.985	0.477	0.427	1.389	0.521	1.483	0.997	0.800	0.683
59	-302	1.197	0.410	1.265	0.984	0.482	0.437	1.333	0.481	1.417	0.996	0.810	0.699
60	-301	1.184	0.411	1.253	0.984	0.482	0.439	1.312	0.479	1.397	0.996	0.812	0.702
61	-300	1.169	0.397	1.235	0.984	0.484	0.441	1.295	0.478	1.381	0.995	0.815	0.705
62	-299	1.139	0.395	1.206	0.984	0.484	0.445	1.274	0.468	1.357	0.995	0.815	0.710
63	-298	1.125	0.408	1.197	0.983	0.486	0.449	1.258	0.471	1.344	0.995	0.816	0.713
64	-297	1.132	0.383	1.195	0.984	0.483	0.447	1.267	0.419	1.334	0.996	0.817	0.715
65	-296	1.107	0.361	1.165	0.984	0.480	0.448	1.253	0.370	1.307	0.997	0.819	0.719
66	-295	1.096	0.345	1.149	0.983	0.479	0.447	1.248	0.323	1.289	0.996	0.822	0.722
67	-294	1.082	0.327	1.131	0.983	0.478	0.450	1.229	0.277	1.260	0.995	0.822	0.726
68	-293	1.052	0.310	1.097	0.984	0.485	0.459	1.187	0.243	1.212	0.996	0.823	0.730
69	-292	1.017	0.293	1.058	0.984	0.493	0.468	1.138	0.209	1.157	0.997	0.823	0.735
70	-291	0.984	0.280	1.023	0.983	0.499	0.476	1.093	0.169	1.106	0.995	0.827	0.741
71	-290	0.971	0.279	1.010	0.984	0.508	0.484	1.068	0.162	1.081	0.995	0.829	0.744
72	-289	0.987	0.285	1.027	0.983	0.514	0.487	1.094	0.169	1.107	0.996	0.827	0.739
73	-288	0.998	0.278	1.036	0.983	0.521	0.490	1.116	0.173	1.129	0.996	0.825	0.736
74	-287	1.028	0.293	1.069	0.983	0.527	0.492	1.146	0.189	1.161	0.995	0.822	0.730
75	-286	1.025	0.301	1.068	0.984	0.529	0.494	1.147	0.179	1.161	0.996	0.821	0.728
76	-285	0.993	0.276	1.030	0.985	0.529	0.495	1.114	0.159	1.126	0.995	0.823	0.731
77	-284	0.964	0.270	1.001	0.985	0.530	0.502	1.079	0.148	1.089	0.994	0.825	0.733
78	-283	0.916	0.274	0.956	0.983	0.530	0.508	1.040	0.143	1.050	0.996	0.822	0.734
79	-282	0.893	0.283	0.937	0.984	0.536	0.516	1.007	0.156	1.019	0.995	0.825	0.739
80	-281	0.900	0.287	0.945	0.983	0.545	0.520	1.017	0.165	1.030	0.995	0.827	0.738
81	-280	0.903	0.303	0.953	0.983	0.556	0.526	1.011	0.184	1.027	0.995	0.831	0.742
82	-279	0.916	0.302	0.964	0.982	0.563	0.530	1.022	0.190	1.039	0.996	0.834	0.743
83	-278	0.883	0.335	0.944	0.984	0.565	0.534	0.973	0.245	1.004	0.996	0.831	0.743
84	-277	0.862	0.350	0.930	0.984	0.568	0.539	0.935	0.296	0.981	0.995	0.826	0.740
85	-276	0.827	0.377	0.909	0.983	0.570	0.543	0.894	0.349	0.960	0.996	0.822	0.738
86	-275	0.802	0.399	0.896	0.984	0.574	0.549	0.848	0.405	0.940	0.996	0.818	0.738
87	-274	0.792	0.422	0.897	0.984	0.570	0.550	0.847	0.434	0.952	0.995	0.819	0.737
88	-273	0.766	0.413	0.870	0.984	0.568	0.551	0.833	0.446	0.945	0.996	0.820	0.739
89	-272	0.751	0.435	0.868	0.983	0.567	0.553	0.828	0.481	0.957	0.996	0.822	0.739
90	-271	0.724	0.443	0.849	0.984	0.565	0.555	0.812	0.500	0.954	0.996	0.822	0.740
91	-270	0.743	0.438	0.863	0.983	0.569	0.556	0.824	0.502	0.964	0.995	0.824	0.742
92	-269	0.740	0.461	0.872	0.982	0.572	0.559	0.833	0.512	0.978	0.995	0.827	0.743
93	-268	0.757	0.456	0.884	0.983	0.574	0.557	0.841	0.514	0.985	0.996	0.829	0.745
94	-267	0.750	0.442	0.870	0.983	0.573	0.558	0.836	0.506	0.977	0.996	0.830	0.746
95	-266	0.737	0.427	0.852	0.984	0.569	0.558	0.809	0.482	0.941	0.996	0.833	0.750
96	-265	0.713	0.418	0.826	0.984	0.564	0.555	0.788	0.465	0.915	0.995	0.833	0.752

97	-264	0.684	0.397	0.791	0.983	0.560	0.558	0.750	0.450	0.875	0.995	0.836	0.757
98	-263	0.661	0.406	0.776	0.984	0.558	0.556	0.722	0.457	0.855	0.995	0.843	0.763
99	-262	0.644	0.418	0.768	0.984	0.566	0.565	0.696	0.470	0.839	0.995	0.848	0.770
100	-261	0.641	0.417	0.765	0.983	0.570	0.570	0.683	0.483	0.836	0.995	0.854	0.775
101	-260	0.640	0.432	0.772	0.983	0.577	0.577	0.666	0.490	0.827	0.996	0.861	0.781
102	-259	0.631	0.446	0.772	0.983	0.579	0.580	0.665	0.498	0.831	0.995	0.864	0.784
103	-258	0.629	0.436	0.765	0.983	0.584	0.585	0.673	0.485	0.830	0.995	0.867	0.786
104	-257	0.644	0.437	0.778	0.982	0.586	0.586	0.683	0.484	0.837	0.995	0.870	0.788
105	-256	0.640	0.436	0.775	0.983	0.592	0.591	0.695	0.476	0.842	0.996	0.871	0.790
106	-255	0.636	0.421	0.763	0.983	0.598	0.597	0.684	0.470	0.830	0.995	0.875	0.795
107	-254	0.633	0.435	0.768	0.984	0.604	0.604	0.672	0.481	0.827	0.995	0.878	0.797
108	-253	0.627	0.430	0.760	0.982	0.611	0.611	0.659	0.479	0.814	0.994	0.879	0.800
109	-252	0.613	0.440	0.755	0.984	0.617	0.616	0.636	0.485	0.800	0.995	0.882	0.803
110	-251	0.608	0.440	0.750	0.983	0.622	0.622	0.624	0.483	0.789	0.995	0.885	0.807
111	-250	0.584	0.453	0.739	0.985	0.627	0.626	0.605	0.490	0.779	0.995	0.887	0.809
112	-249	0.571	0.440	0.720	0.984	0.630	0.629	0.590	0.478	0.759	0.995	0.889	0.813
113	-248	0.562	0.427	0.705	0.983	0.636	0.635	0.576	0.464	0.739	0.995	0.893	0.816
114	-247	0.537	0.406	0.673	0.984	0.638	0.637	0.555	0.430	0.702	0.996	0.897	0.822
115	-246	0.535	0.369	0.650	0.983	0.639	0.640	0.544	0.381	0.664	0.994	0.900	0.827
116	-245	0.515	0.350	0.623	0.984	0.643	0.643	0.523	0.345	0.626	0.995	0.906	0.833
117	-244	0.497	0.347	0.607	0.984	0.649	0.650	0.503	0.329	0.601	0.996	0.907	0.836
118	-243	0.488	0.350	0.601	0.983	0.655	0.655	0.486	0.334	0.590	0.995	0.908	0.838
119	-242	0.481	0.357	0.599	0.984	0.662	0.662	0.479	0.342	0.588	0.995	0.909	0.838
120	-241	0.481	0.354	0.598	0.983	0.668	0.668	0.475	0.338	0.583	0.995	0.909	0.839
121	-240	0.477	0.348	0.591	0.983	0.674	0.674	0.463	0.336	0.572	0.995	0.910	0.841
122	-239	0.474	0.359	0.594	0.984	0.678	0.678	0.463	0.353	0.582	0.995	0.912	0.844
123	-238	0.475	0.359	0.595	0.983	0.683	0.684	0.463	0.358	0.585	0.995	0.912	0.845
124	-237	0.468	0.352	0.586	0.983	0.689	0.689	0.458	0.356	0.580	0.995	0.912	0.848
125	-236	0.480	0.354	0.596	0.983	0.691	0.692	0.462	0.359	0.585	0.995	0.915	0.850
126	-235	0.460	0.354	0.580	0.983	0.692	0.693	0.451	0.365	0.580	0.996	0.919	0.852
127	-234	0.454	0.361	0.580	0.984	0.690	0.690	0.444	0.373	0.580	0.996	0.922	0.855
128	-233	0.454	0.373	0.588	0.984	0.691	0.692	0.435	0.379	0.576	0.996	0.927	0.859
129	-232	0.441	0.381	0.583	0.982	0.686	0.687	0.438	0.390	0.586	0.996	0.927	0.855
130	-231	0.438	0.390	0.586	0.981	0.681	0.683	0.431	0.404	0.590	0.997	0.924	0.853
131	-230	0.454	0.401	0.606	0.984	0.678	0.679	0.449	0.419	0.614	0.996	0.920	0.849
132	-229	0.456	0.407	0.611	0.983	0.673	0.674	0.452	0.417	0.615	0.996	0.917	0.847
133	-228	0.436	0.383	0.581	0.984	0.675	0.675	0.426	0.376	0.568	0.996	0.918	0.851
134	-227	0.422	0.335	0.539	0.984	0.679	0.678	0.393	0.331	0.513	0.995	0.917	0.854
135	-226	0.409	0.311	0.514	0.984	0.681	0.681	0.366	0.301	0.474	0.996	0.918	0.856
136	-225	0.382	0.306	0.489	0.984	0.687	0.687	0.335	0.278	0.435	0.997	0.916	0.856
137	-224	0.376	0.307	0.485	0.985	0.693	0.693	0.332	0.270	0.428	0.995	0.918	0.858
138	-223	0.380	0.289	0.477	0.984	0.703	0.704	0.329	0.253	0.415	0.996	0.922	0.861
139	-222	0.367	0.288	0.467	0.985	0.711	0.711	0.329	0.254	0.416	0.995	0.924	0.862
140	-221	0.375	0.294	0.476	0.984	0.718	0.717	0.336	0.256	0.422	0.995	0.925	0.863
141	-220	0.377	0.284	0.472	0.983	0.720	0.720	0.355	0.258	0.439	0.995	0.928	0.865
142	-219	0.379	0.292	0.479	0.983	0.727	0.727	0.371	0.267	0.457	0.995	0.930	0.867
143	-218	0.379	0.288	0.477	0.984	0.730	0.730	0.384	0.269	0.469	0.996	0.932	0.868
144	-217	0.367	0.288	0.467	0.984	0.740	0.740	0.385	0.269	0.470	0.996	0.936	0.872
145	-216	0.369	0.276	0.461	0.984	0.755	0.755	0.385	0.259	0.464	0.995	0.939	0.875
146	-215	0.376	0.260	0.457	0.983	0.771	0.771	0.387	0.246	0.459	0.996	0.945	0.880
147	-214	0.363	0.243	0.437	0.983	0.783	0.784	0.379	0.231	0.444	0.996	0.949	0.884
148	-213	0.353	0.247	0.430	0.984	0.783	0.783	0.350	0.233	0.421	0.995	0.951	0.887
149	-212	0.354	0.248	0.433	0.984	0.780	0.780	0.328	0.235	0.404	0.995	0.952	0.889
150	-211	0.361	0.239	0.433	0.983	0.774	0.774	0.315	0.220	0.384	0.996	0.952	0.892
151	-210	0.371	0.231	0.437	0.983	0.771	0.771	0.307	0.207	0.370	0.996	0.951	0.892
152	-209	0.364	0.210	0.420	0.982	0.769	0.770	0.309	0.180	0.357	0.996	0.951	0.891
153	-208	0.364	0.200	0.416	0.983	0.769	0.769	0.318	0.158	0.355	0.996	0.950	0.891
154	-207	0.356	0.194	0.405	0.984	0.767	0.767	0.316	0.141	0.346	0.995	0.949	0.890
155	-206	0.350	0.185	0.396	0.985	0.766	0.765	0.322	0.126	0.345	0.995	0.948	0.889
156	-205	0.332	0.168	0.372	0.985	0.767	0.766	0.292	0.119	0.315	0.995	0.945	0.888

157	-204	0.314	0.154	0.349	0.982	0.770	0.768	0.263	0.101	0.281	0.995	0.944	0.889
158	-203	0.310	0.138	0.339	0.985	0.772	0.771	0.247	0.085	0.261	0.995	0.942	0.887
159	-202	0.300	0.132	0.328	0.984	0.774	0.775	0.234	0.082	0.248	0.995	0.941	0.887
160	-201	0.317	0.125	0.341	0.984	0.779	0.779	0.255	0.079	0.267	0.995	0.942	0.888
161	-200	0.323	0.118	0.343	0.983	0.785	0.784	0.265	0.078	0.276	0.996	0.943	0.888
162	-199	0.325	0.121	0.347	0.985	0.790	0.789	0.270	0.082	0.282	0.995	0.944	0.889
163	-198	0.311	0.109	0.329	0.983	0.796	0.795	0.266	0.080	0.278	0.995	0.945	0.890
164	-197	0.322	0.120	0.344	0.983	0.799	0.798	0.277	0.090	0.292	0.996	0.946	0.890
165	-196	0.305	0.106	0.323	0.983	0.804	0.803	0.273	0.084	0.286	0.997	0.947	0.891
166	-195	0.303	0.125	0.328	0.983	0.808	0.807	0.282	0.099	0.299	0.995	0.946	0.890
167	-194	0.287	0.121	0.312	0.983	0.814	0.812	0.272	0.097	0.289	0.996	0.947	0.892
168	-193	0.284	0.119	0.308	0.985	0.818	0.817	0.258	0.094	0.274	0.995	0.949	0.896
169	-192	0.274	0.102	0.293	0.984	0.826	0.826	0.240	0.082	0.253	0.995	0.950	0.899
170	-191	0.259	0.094	0.275	0.983	0.834	0.833	0.225	0.067	0.234	0.995	0.953	0.903
171	-190	0.265	0.081	0.277	0.984	0.834	0.833	0.229	0.056	0.235	0.997	0.952	0.902
172	-189	0.265	0.061	0.272	0.984	0.830	0.832	0.232	0.041	0.236	0.995	0.951	0.900
173	-188	0.281	0.062	0.288	0.985	0.827	0.829	0.238	0.031	0.240	0.996	0.952	0.899
174	-187	0.299	0.053	0.303	0.985	0.825	0.825	0.249	0.024	0.250	0.996	0.950	0.898
175	-186	0.286	0.062	0.292	0.984	0.824	0.825	0.220	0.020	0.221	0.997	0.948	0.897
176	-185	0.268	0.058	0.274	0.983	0.821	0.822	0.202	0.020	0.203	0.996	0.947	0.895
177	-184	0.262	0.047	0.266	0.983	0.820	0.820	0.183	0.007	0.183	0.996	0.944	0.894
178	-183	0.252	0.048	0.257	0.984	0.819	0.817	0.168	0.009	0.168	0.996	0.943	0.893
179	-182	0.251	0.048	0.256	0.985	0.830	0.830	0.194	0.006	0.194	0.996	0.946	0.896
180	-181	0.258	0.042	0.262	0.984	0.842	0.841	0.217	-0.002	0.217	0.995	0.949	0.900
181	-180	0.246	0.050	0.251	0.985	0.855	0.856	0.233	0.002	0.233	0.996	0.951	0.902
182	-179	0.229	0.043	0.233	0.984	0.864	0.865	0.239	-0.012	0.239	0.996	0.951	0.906
183	-178	0.222	0.043	0.226	0.984	0.870	0.871	0.215	-0.019	0.216	0.996	0.953	0.908
184	-177	0.203	0.041	0.207	0.984	0.877	0.878	0.193	-0.027	0.195	0.996	0.956	0.911
185	-176	0.193	0.040	0.197	0.985	0.881	0.885	0.176	-0.032	0.179	0.996	0.957	0.914
186	-175	0.171	0.041	0.176	0.983	0.885	0.888	0.156	-0.034	0.160	0.997	0.957	0.914
187	-174	0.149	0.030	0.152	0.983	0.883	0.885	0.123	-0.045	0.130	0.997	0.953	0.912
188	-173	0.147	0.022	0.148	0.983	0.878	0.880	0.100	-0.049	0.111	0.997	0.950	0.909
189	-172	0.133	-0.002	0.133	0.984	0.875	0.876	0.074	-0.062	0.097	0.995	0.946	0.906
190	-171	0.133	-0.006	0.133	0.985	0.875	0.876	0.069	-0.073	0.100	0.995	0.944	0.903
191	-170	0.139	-0.023	0.141	0.985	0.875	0.874	0.088	-0.095	0.129	0.995	0.942	0.899
192	-169	0.140	-0.026	0.142	0.985	0.876	0.875	0.100	-0.105	0.145	0.994	0.941	0.896
193	-168	0.142	-0.041	0.148	0.985	0.875	0.873	0.131	-0.120	0.178	0.995	0.933	0.890
194	-167	0.132	-0.053	0.143	0.985	0.879	0.876	0.132	-0.127	0.183	0.995	0.932	0.890
195	-166	0.134	-0.031	0.138	0.984	0.884	0.882	0.135	-0.119	0.180	0.996	0.934	0.890
196	-165	0.122	-0.038	0.128	0.984	0.885	0.883	0.138	-0.126	0.187	0.995	0.935	0.890
197	-164	0.110	-0.041	0.117	0.984	0.887	0.887	0.133	-0.135	0.190	0.995	0.936	0.891
198	-163	0.110	-0.060	0.125	0.983	0.889	0.890	0.116	-0.142	0.184	0.995	0.938	0.894
199	-162	0.103	-0.060	0.119	0.984	0.890	0.891	0.091	-0.152	0.177	0.995	0.939	0.895
200	-161	0.087	-0.058	0.105	0.984	0.892	0.894	0.064	-0.157	0.170	0.995	0.939	0.897
201	-160	0.076	-0.063	0.099	0.984	0.897	0.897	0.042	-0.156	0.162	0.995	0.939	0.898
202	-159	0.066	-0.083	0.106	0.984	0.897	0.896	0.044	-0.181	0.186	0.995	0.940	0.899
203	-158	0.070	-0.084	0.110	0.985	0.899	0.898	0.055	-0.193	0.201	0.995	0.941	0.901
204	-157	0.086	-0.101	0.133	0.983	0.901	0.899	0.074	-0.214	0.226	0.996	0.942	0.901
205	-156	0.085	-0.104	0.134	0.984	0.903	0.901	0.085	-0.225	0.240	0.996	0.942	0.900
206	-155	0.068	-0.109	0.128	0.984	0.904	0.901	0.072	-0.225	0.236	0.996	0.939	0.897
207	-154	0.072	-0.108	0.130	0.985	0.905	0.901	0.074	-0.218	0.230	0.995	0.937	0.896
208	-153	0.076	-0.074	0.106	0.984	0.905	0.904	0.075	-0.202	0.216	0.995	0.935	0.894
209	-152	0.072	-0.088	0.113	0.983	0.905	0.904	0.073	-0.201	0.214	0.996	0.935	0.895
210	-151	0.068	-0.104	0.124	0.985	0.907	0.905	0.065	-0.210	0.219	0.995	0.937	0.897
211	-150	0.079	-0.097	0.125	0.985	0.906	0.907	0.070	-0.201	0.212	0.996	0.938	0.898
212	-149	0.093	-0.080	0.123	0.984	0.908	0.908	0.077	-0.190	0.205	0.997	0.940	0.899
213	-148	0.110	-0.089	0.141	0.985	0.908	0.909	0.090	-0.193	0.213	0.996	0.940	0.900
214	-147	0.102	-0.096	0.140	0.984	0.910	0.910	0.094	-0.202	0.222	0.996	0.939	0.898
215	-146	0.112	-0.112	0.158	0.984	0.911	0.909	0.117	-0.213	0.243	0.996	0.938	0.897
216	-145	0.109	-0.111	0.156	0.983	0.912	0.911	0.127	-0.222	0.255	0.997	0.936	0.895

217	-144	0.085	-0.099	0.130	0.983	0.913	0.914	0.106	-0.217	0.242	0.996	0.936	0.896
218	-143	0.079	-0.101	0.128	0.983	0.918	0.914	0.086	-0.219	0.235	0.996	0.938	0.897
219	-142	0.063	-0.107	0.124	0.984	0.921	0.916	0.072	-0.219	0.231	0.996	0.939	0.898
220	-141	0.048	-0.104	0.114	0.984	0.924	0.918	0.053	-0.218	0.224	0.996	0.940	0.900
221	-140	0.043	-0.103	0.112	0.983	0.924	0.919	0.049	-0.224	0.230	0.996	0.941	0.899
222	-139	0.030	-0.098	0.102	0.983	0.921	0.918	0.045	-0.226	0.231	0.995	0.939	0.898
223	-138	0.021	-0.088	0.090	0.983	0.920	0.916	0.041	-0.231	0.235	0.995	0.938	0.897
224	-137	0.011	-0.093	0.094	0.983	0.918	0.914	0.032	-0.238	0.240	0.997	0.936	0.896
225	-136	0.004	-0.106	0.106	0.984	0.921	0.915	0.025	-0.250	0.251	0.996	0.936	0.895
226	-135	-0.006	-0.110	0.110	0.983	0.923	0.914	0.024	-0.267	0.268	0.996	0.935	0.893
227	-134	-0.003	-0.142	0.142	0.983	0.927	0.913	0.024	-0.291	0.292	0.996	0.935	0.891
228	-133	0.002	-0.159	0.159	0.984	0.931	0.910	0.036	-0.313	0.315	0.996	0.934	0.889
229	-132	0.011	-0.190	0.190	0.984	0.933	0.907	0.029	-0.354	0.355	0.995	0.936	0.887
230	-131	0.007	-0.230	0.230	0.984	0.932	0.898	0.008	-0.394	0.394	0.994	0.938	0.885
231	-130	0.002	-0.251	0.251	0.985	0.932	0.891	-0.007	-0.418	0.418	0.995	0.940	0.885
232	-129	0.009	-0.262	0.263	0.983	0.934	0.891	-0.009	-0.428	0.428	0.995	0.941	0.884
233	-128	-0.019	-0.281	0.281	0.983	0.936	0.884	-0.020	-0.435	0.436	0.996	0.940	0.884
234	-127	-0.014	-0.279	0.279	0.984	0.938	0.888	-0.021	-0.432	0.433	0.996	0.938	0.885
235	-126	-0.027	-0.289	0.290	0.984	0.939	0.885	-0.023	-0.435	0.435	0.997	0.938	0.886
236	-125	-0.017	-0.287	0.287	0.985	0.939	0.888	-0.013	-0.429	0.429	0.996	0.938	0.885
237	-124	-0.032	-0.280	0.282	0.984	0.940	0.887	-0.010	-0.430	0.430	0.996	0.939	0.885
238	-123	-0.030	-0.266	0.267	0.984	0.939	0.891	0.001	-0.429	0.429	0.996	0.937	0.883
239	-122	-0.048	-0.249	0.253	0.983	0.938	0.893	-0.007	-0.422	0.422	0.996	0.936	0.882
240	-121	-0.038	-0.238	0.241	0.984	0.937	0.895	0.000	-0.419	0.419	0.997	0.934	0.882
241	-120	-0.019	-0.244	0.244	0.985	0.937	0.896	0.014	-0.426	0.426	0.996	0.932	0.880
242	-119	-0.012	-0.259	0.259	0.984	0.936	0.893	0.021	-0.432	0.432	0.996	0.930	0.878
243	-118	-0.019	-0.253	0.254	0.984	0.937	0.893	0.020	-0.431	0.431	0.996	0.929	0.877
244	-117	-0.039	-0.259	0.262	0.985	0.937	0.891	-0.001	-0.427	0.427	0.995	0.930	0.879
245	-116	-0.066	-0.268	0.276	0.984	0.936	0.886	-0.025	-0.431	0.431	0.997	0.932	0.880
246	-115	-0.088	-0.262	0.277	0.984	0.939	0.886	-0.041	-0.427	0.429	0.996	0.934	0.880
247	-114	-0.104	-0.270	0.290	0.983	0.939	0.882	-0.067	-0.429	0.434	0.996	0.932	0.881
248	-113	-0.110	-0.289	0.309	0.984	0.939	0.878	-0.064	-0.452	0.456	0.997	0.931	0.878
249	-112	-0.115	-0.299	0.321	0.983	0.938	0.876	-0.074	-0.466	0.472	0.997	0.930	0.874
250	-111	-0.124	-0.301	0.325	0.984	0.939	0.875	-0.089	-0.471	0.479	0.995	0.930	0.874
251	-110	-0.123	-0.292	0.317	0.984	0.937	0.875	-0.089	-0.475	0.483	0.997	0.929	0.873
252	-109	-0.118	-0.294	0.317	0.984	0.936	0.875	-0.096	-0.477	0.487	0.996	0.932	0.875
253	-108	-0.103	-0.286	0.304	0.985	0.936	0.878	-0.095	-0.473	0.483	0.997	0.935	0.878
254	-107	-0.087	-0.271	0.284	0.985	0.933	0.881	-0.091	-0.464	0.473	0.996	0.937	0.882
255	-106	-0.081	-0.277	0.289	0.984	0.933	0.881	-0.091	-0.461	0.470	0.996	0.937	0.882
256	-105	-0.079	-0.265	0.277	0.984	0.936	0.885	-0.080	-0.436	0.444	0.996	0.938	0.885
257	-104	-0.071	-0.247	0.257	0.985	0.936	0.888	-0.072	-0.417	0.423	0.996	0.938	0.885
258	-103	-0.048	-0.250	0.255	0.984	0.936	0.891	-0.056	-0.403	0.407	0.996	0.937	0.887
259	-102	-0.065	-0.227	0.236	0.983	0.936	0.895	-0.061	-0.383	0.388	0.996	0.938	0.888
260	-101	-0.068	-0.223	0.233	0.984	0.938	0.895	-0.070	-0.373	0.379	0.997	0.940	0.891
261	-100	-0.072	-0.229	0.241	0.985	0.940	0.895	-0.082	-0.367	0.376	0.996	0.940	0.892
262	-99	-0.070	-0.215	0.227	0.985	0.939	0.898	-0.089	-0.348	0.359	0.996	0.941	0.893
263	-98	-0.071	-0.207	0.219	0.984	0.939	0.899	-0.082	-0.347	0.356	0.996	0.940	0.893
264	-97	-0.073	-0.209	0.222	0.984	0.939	0.899	-0.066	-0.356	0.362	0.995	0.939	0.893
265	-96	-0.076	-0.216	0.229	0.983	0.941	0.898	-0.059	-0.360	0.365	0.995	0.937	0.891
266	-95	-0.058	-0.223	0.230	0.984	0.940	0.899	-0.032	-0.371	0.372	0.996	0.935	0.889
267	-94	-0.054	-0.239	0.245	0.985	0.937	0.895	-0.023	-0.387	0.388	0.996	0.935	0.887
268	-93	-0.061	-0.258	0.265	0.984	0.938	0.891	-0.022	-0.400	0.401	0.996	0.933	0.885
269	-92	-0.058	-0.266	0.272	0.985	0.937	0.889	-0.016	-0.411	0.411	0.995	0.930	0.883
270	-91	-0.055	-0.266	0.271	0.983	0.938	0.889	-0.012	-0.410	0.410	0.996	0.929	0.882
271	-90	-0.058	-0.264	0.270	0.984	0.938	0.890	-0.018	-0.410	0.411	0.996	0.930	0.884
272	-89	-0.068	-0.267	0.276	0.983	0.939	0.890	-0.026	-0.416	0.416	0.996	0.931	0.884
273	-88	-0.066	-0.262	0.270	0.983	0.939	0.891	-0.036	-0.413	0.414	0.996	0.933	0.884
274	-87	-0.070	-0.257	0.266	0.985	0.940	0.891	-0.039	-0.420	0.422	0.995	0.935	0.885
275	-86	-0.084	-0.271	0.284	0.982	0.936	0.887	-0.053	-0.417	0.420	0.994	0.936	0.887
276	-85	-0.091	-0.259	0.275	0.984	0.936	0.887	-0.079	-0.406	0.413	0.995	0.931	0.885

277	-84	-0.107	-0.260	0.281	0.984	0.935	0.886	-0.112	-0.405	0.420	0.995	0.927	0.882
278	-83	-0.122	-0.248	0.277	0.983	0.935	0.885	-0.134	-0.398	0.419	0.995	0.925	0.879
279	-82	-0.108	-0.257	0.279	0.984	0.931	0.883	-0.130	-0.401	0.422	0.995	0.922	0.876
280	-81	-0.119	-0.256	0.282	0.984	0.928	0.882	-0.136	-0.400	0.423	0.996	0.919	0.875
281	-80	-0.119	-0.256	0.282	0.983	0.925	0.880	-0.140	-0.397	0.421	0.996	0.916	0.873
282	-79	-0.123	-0.261	0.288	0.983	0.923	0.877	-0.136	-0.403	0.425	0.996	0.914	0.871
283	-78	-0.115	-0.243	0.269	0.983	0.921	0.878	-0.122	-0.406	0.424	0.996	0.914	0.871
284	-77	-0.108	-0.247	0.269	0.984	0.919	0.875	-0.111	-0.413	0.428	0.996	0.913	0.870
285	-76	-0.114	-0.230	0.257	0.984	0.917	0.874	-0.104	-0.412	0.425	0.996	0.912	0.870
286	-75	-0.117	-0.243	0.270	0.984	0.916	0.871	-0.113	-0.418	0.433	0.996	0.913	0.870
287	-74	-0.124	-0.231	0.263	0.984	0.918	0.875	-0.127	-0.405	0.425	0.996	0.913	0.871
288	-73	-0.137	-0.235	0.272	0.985	0.915	0.874	-0.147	-0.400	0.426	0.996	0.916	0.873
289	-72	-0.163	-0.234	0.286	0.986	0.913	0.872	-0.176	-0.396	0.434	0.996	0.915	0.873
290	-71	-0.164	-0.221	0.275	0.985	0.915	0.875	-0.178	-0.373	0.413	0.996	0.914	0.874
291	-70	-0.143	-0.204	0.249	0.986	0.916	0.880	-0.166	-0.350	0.387	0.996	0.915	0.877
292	-69	-0.119	-0.187	0.222	0.985	0.921	0.887	-0.160	-0.331	0.367	0.996	0.915	0.878
293	-68	-0.122	-0.161	0.202	0.984	0.925	0.894	-0.166	-0.303	0.345	0.996	0.914	0.879
294	-67	-0.116	-0.153	0.192	0.985	0.925	0.894	-0.151	-0.296	0.332	0.995	0.915	0.880
295	-66	-0.096	-0.174	0.199	0.985	0.924	0.892	-0.129	-0.299	0.326	0.995	0.915	0.882
296	-65	-0.087	-0.161	0.182	0.985	0.927	0.897	-0.114	-0.293	0.314	0.996	0.917	0.884
297	-64	-0.082	-0.157	0.177	0.985	0.927	0.898	-0.103	-0.288	0.305	0.996	0.918	0.884
298	-63	-0.070	-0.171	0.185	0.984	0.925	0.895	-0.089	-0.295	0.308	0.996	0.920	0.885
299	-62	-0.072	-0.180	0.194	0.985	0.925	0.893	-0.088	-0.302	0.314	0.996	0.922	0.888
300	-61	-0.073	-0.174	0.189	0.986	0.926	0.894	-0.082	-0.301	0.312	0.996	0.925	0.891
301	-60	-0.083	-0.182	0.200	0.985	0.923	0.891	-0.093	-0.308	0.322	0.996	0.926	0.891
302	-59	-0.104	-0.196	0.221	0.986	0.922	0.887	-0.114	-0.318	0.338	0.995	0.926	0.889
303	-58	-0.106	-0.202	0.228	0.986	0.920	0.885	-0.126	-0.325	0.348	0.996	0.923	0.887
304	-57	-0.095	-0.212	0.233	0.985	0.918	0.882	-0.135	-0.333	0.360	0.996	0.922	0.886
305	-56	-0.113	-0.211	0.239	0.984	0.917	0.882	-0.146	-0.342	0.372	0.995	0.923	0.885
306	-55	-0.124	-0.234	0.265	0.984	0.918	0.878	-0.156	-0.361	0.393	0.996	0.924	0.885
307	-54	-0.134	-0.209	0.249	0.985	0.918	0.882	-0.170	-0.350	0.389	0.995	0.926	0.886
308	-53	-0.144	-0.195	0.242	0.983	0.919	0.885	-0.177	-0.342	0.385	0.997	0.927	0.889
309	-52	-0.143	-0.201	0.247	0.985	0.919	0.882	-0.185	-0.341	0.388	0.995	0.925	0.887
310	-51	-0.145	-0.181	0.232	0.985	0.917	0.886	-0.184	-0.324	0.373	0.996	0.922	0.887
311	-50	-0.156	-0.177	0.236	0.985	0.917	0.886	-0.193	-0.315	0.369	0.996	0.918	0.885
312	-49	-0.154	-0.178	0.236	0.984	0.914	0.883	-0.195	-0.308	0.365	0.995	0.916	0.884
313	-48	-0.143	-0.172	0.224	0.984	0.914	0.885	-0.196	-0.304	0.361	0.996	0.914	0.883
314	-47	-0.142	-0.183	0.232	0.985	0.917	0.887	-0.208	-0.297	0.363	0.995	0.912	0.882
315	-46	-0.126	-0.173	0.213	0.983	0.919	0.889	-0.220	-0.286	0.360	0.995	0.910	0.880
316	-45	-0.109	-0.187	0.216	0.984	0.921	0.889	-0.229	-0.287	0.367	0.995	0.907	0.877
317	-44	-0.121	-0.185	0.221	0.984	0.921	0.889	-0.217	-0.285	0.358	0.995	0.911	0.882
318	-43	-0.133	-0.150	0.200	0.983	0.920	0.894	-0.211	-0.265	0.339	0.996	0.914	0.886
319	-42	-0.143	-0.137	0.198	0.983	0.920	0.897	-0.209	-0.255	0.330	0.996	0.917	0.888
320	-41	-0.150	-0.131	0.199	0.984	0.920	0.896	-0.214	-0.255	0.333	0.995	0.920	0.890
321	-40	-0.158	-0.116	0.196	0.983	0.920	0.898	-0.226	-0.243	0.332	0.995	0.923	0.894
322	-39	-0.172	-0.111	0.205	0.983	0.918	0.898	-0.240	-0.240	0.340	0.996	0.922	0.895
323	-38	-0.178	-0.099	0.203	0.984	0.916	0.899	-0.246	-0.226	0.334	0.995	0.921	0.896
324	-37	-0.181	-0.095	0.205	0.984	0.917	0.901	-0.242	-0.223	0.329	0.995	0.921	0.898
325	-36	-0.181	-0.098	0.206	0.984	0.918	0.901	-0.241	-0.220	0.327	0.995	0.920	0.898
326	-35	-0.165	-0.093	0.189	0.985	0.918	0.902	-0.232	-0.205	0.310	0.994	0.919	0.897
327	-34	-0.148	-0.093	0.175	0.985	0.917	0.902	-0.219	-0.197	0.295	0.995	0.916	0.895
328	-33	-0.140	-0.077	0.160	0.984	0.916	0.905	-0.215	-0.187	0.285	0.996	0.915	0.895
329	-32	-0.141	-0.072	0.158	0.984	0.917	0.905	-0.202	-0.184	0.274	0.995	0.915	0.896
330	-31	-0.145	-0.074	0.163	0.983	0.917	0.907	-0.195	-0.188	0.271	0.996	0.914	0.896
331	-30	-0.135	-0.068	0.151	0.983	0.916	0.906	-0.179	-0.189	0.260	0.995	0.915	0.897
332	-29	-0.138	-0.058	0.150	0.983	0.918	0.908	-0.177	-0.183	0.255	0.996	0.917	0.898
333	-28	-0.131	-0.070	0.148	0.983	0.918	0.907	-0.172	-0.189	0.256	0.996	0.920	0.899
334	-27	-0.134	-0.053	0.144	0.982	0.917	0.909	-0.174	-0.180	0.250	0.997	0.922	0.900
335	-26	-0.141	-0.056	0.152	0.983	0.918	0.909	-0.174	-0.183	0.253	0.996	0.924	0.902
336	-25	-0.140	-0.043	0.146	0.984	0.919	0.912	-0.182	-0.166	0.246	0.996	0.923	0.901

337	-24	-0.134	-0.024	0.136	0.984	0.921	0.917	-0.188	-0.151	0.241	0.996	0.921	0.901
338	-23	-0.121	-0.022	0.123	0.984	0.922	0.917	-0.193	-0.144	0.241	0.995	0.918	0.898
339	-22	-0.131	-0.013	0.131	0.985	0.922	0.920	-0.215	-0.134	0.253	0.995	0.914	0.896
340	-21	-0.117	-0.013	0.118	0.984	0.923	0.920	-0.186	-0.130	0.227	0.996	0.918	0.900
341	-20	-0.101	-0.013	0.102	0.983	0.923	0.920	-0.156	-0.126	0.201	0.996	0.920	0.902
342	-19	-0.090	-0.002	0.090	0.983	0.923	0.923	-0.132	-0.121	0.179	0.996	0.922	0.905
343	-18	-0.084	-0.009	0.084	0.983	0.924	0.923	-0.117	-0.125	0.171	0.996	0.925	0.908
344	-17	-0.095	-0.019	0.097	0.983	0.924	0.922	-0.131	-0.128	0.183	0.996	0.926	0.909
345	-16	-0.097	-0.027	0.100	0.983	0.926	0.921	-0.140	-0.129	0.191	0.997	0.929	0.911
346	-15	-0.104	-0.036	0.110	0.983	0.926	0.919	-0.158	-0.130	0.205	0.996	0.930	0.911
347	-14	-0.115	-0.042	0.122	0.984	0.924	0.917	-0.176	-0.128	0.218	0.995	0.933	0.912
348	-13	-0.142	-0.042	0.148	0.985	0.924	0.916	-0.203	-0.128	0.240	0.995	0.933	0.917
349	-12	-0.160	-0.042	0.166	0.984	0.922	0.912	-0.228	-0.122	0.258	0.994	0.933	0.920
350	-11	-0.187	-0.041	0.192	0.987	0.919	0.910	-0.254	-0.118	0.280	0.992	0.932	0.923
351	-10	-0.205	-0.036	0.208	0.990	0.917	0.909	-0.270	-0.110	0.291	0.990	0.929	0.925
352	-9	-0.222	-0.017	0.222	0.994	0.916	0.911	-0.282	-0.094	0.297	0.983	0.928	0.925
353	-8	-1.000	-1.000	-1.000	-1.000	0.916	-1.000	-1.000	-1.000	-1.000	-1.000	0.927	-1.000
354	-7	-1.000	-1.000	-1.000	-1.000	0.914	-1.000	-1.000	-1.000	-1.000	-1.000	0.926	-1.000
355	-6	-1.000	-1.000	-1.000	-1.000	0.912	-1.000	-1.000	-1.000	-1.000	-1.000	0.923	-1.000
356	-5	-1.000	-1.000	-1.000	-1.000	0.911	-1.000	-1.000	-1.000	-1.000	-1.000	0.921	-1.000
357	-4	-1.000	-1.000	-1.000	-1.000	0.909	-1.000	-1.000	-1.000	-1.000	-1.000	0.919	-1.000
358	-3	-1.000	-1.000	-1.000	-1.000	0.908	-1.000	-1.000	-1.000	-1.000	-1.000	0.916	-1.000
359	-2	-1.000	-1.000	-1.000	-1.000	0.908	-1.000	-1.000	-1.000	-1.000	-1.000	0.915	-1.000
360	-1	-1.000	-1.000	-1.000	-1.000	0.909	-1.000	-1.000	-1.000	-1.000	-1.000	0.913	-1.000
361	0	-1.000	-1.000	-1.000	-1.000	0.911	-1.000	-1.000	-1.000	-1.000	-1.000	0.910	-1.000
362	1	-1.000	-1.000	-1.000	-1.000	0.910	-1.000	-1.000	-1.000	-1.000	-1.000	0.904	-1.000
363	2	-1.000	-1.000	-1.000	-1.000	0.910	-1.000	-1.000	-1.000	-1.000	-1.000	0.901	-1.000
364	3	-1.000	-1.000	-1.000	-1.000	0.909	-1.000	-1.000	-1.000	-1.000	-1.000	0.896	-1.000
365	4	-1.000	-1.000	-1.000	-1.000	0.907	-1.000	-1.000	-1.000	-1.000	-1.000	0.893	-1.000
366	5	-1.000	-1.000	-1.000	-1.000	0.905	-1.000	-1.000	-1.000	-1.000	-1.000	0.891	-1.000
367	6	-1.000	-1.000	-1.000	-1.000	0.907	-1.000	-1.000	-1.000	-1.000	-1.000	0.897	-1.000
368	7	-1.000	-1.000	-1.000	-1.000	0.908	-1.000	-1.000	-1.000	-1.000	-1.000	0.901	-1.000
369	8	-1.000	-1.000	-1.000	-1.000	0.908	-1.000	-1.000	-1.000	-1.000	-1.000	0.903	-1.000
370	9	-1.000	-1.000	-1.000	-1.000	0.908	-1.000	-1.000	-1.000	-1.000	-1.000	0.906	-1.000
371	10	-1.000	-1.000	-1.000	-1.000	0.915	-1.000	-1.000	-1.000	-1.000	-1.000	0.911	-1.000
372	11	-1.000	-1.000	-1.000	-1.000	0.920	-1.000	-1.000	-1.000	-1.000	-1.000	0.915	-1.000
373	12	-1.000	-1.000	-1.000	-1.000	0.927	-1.000	-1.000	-1.000	-1.000	-1.000	0.919	-1.000
374	13	-0.251	0.124	0.280	0.991	0.928	0.917	-0.251	0.094	0.268	0.987	0.921	0.940
375	14	-0.218	0.117	0.247	0.986	0.930	0.923	-0.223	0.097	0.243	0.994	0.923	0.944
376	15	-0.189	0.112	0.220	0.984	0.929	0.925	-0.193	0.098	0.217	0.996	0.924	0.946
377	16	-0.156	0.108	0.190	0.983	0.927	0.927	-0.163	0.103	0.193	0.997	0.926	0.946
378	17	-0.144	0.107	0.180	0.982	0.927	0.928	-0.160	0.104	0.191	0.998	0.926	0.944
379	18	-0.137	0.107	0.173	0.983	0.927	0.930	-0.168	0.103	0.197	0.999	0.922	0.942
380	19	-0.128	0.106	0.166	0.982	0.926	0.929	-0.178	0.101	0.204	0.998	0.918	0.939
381	20	-0.120	0.101	0.157	0.981	0.927	0.930	-0.186	0.094	0.209	0.997	0.914	0.935
382	21	-0.131	0.093	0.160	0.982	0.927	0.926	-0.205	0.086	0.222	0.997	0.913	0.936
383	22	-0.150	0.087	0.173	0.982	0.924	0.924	-0.228	0.080	0.241	0.997	0.912	0.939
384	23	-0.172	0.086	0.192	0.982	0.923	0.924	-0.255	0.079	0.267	0.997	0.910	0.938
385	24	-0.188	0.088	0.208	0.982	0.919	0.917	-0.276	0.085	0.288	0.996	0.906	0.938
386	25	-0.184	0.108	0.214	0.982	0.919	0.917	-0.268	0.106	0.288	0.997	0.910	0.939
387	26	-0.181	0.121	0.218	0.983	0.919	0.917	-0.255	0.128	0.286	0.998	0.914	0.939
388	27	-0.169	0.134	0.216	0.983	0.919	0.917	-0.239	0.148	0.281	0.997	0.915	0.938
389	28	-0.161	0.151	0.220	0.982	0.919	0.915	-0.226	0.171	0.283	0.996	0.915	0.937
390	29	-0.146	0.161	0.218	0.982	0.917	0.914	-0.218	0.192	0.290	0.997	0.910	0.932
391	30	-0.133	0.177	0.221	0.983	0.914	0.910	-0.210	0.214	0.300	0.996	0.906	0.928
392	31	-0.129	0.193	0.233	0.984	0.913	0.908	-0.210	0.239	0.318	0.996	0.900	0.922
393	32	-0.124	0.203	0.238	0.984	0.911	0.906	-0.205	0.254	0.326	0.996	0.896	0.918
394	33	-0.125	0.209	0.243	0.983	0.910	0.906	-0.204	0.255	0.327	0.996	0.896	0.920
395	34	-0.122	0.212	0.245	0.983	0.910	0.905	-0.204	0.259	0.329	0.997	0.897	0.920
396	35	-0.122	0.224	0.255	0.984	0.907	0.903	-0.203	0.267	0.335	0.996	0.897	0.921

397	36	-0.134	0.239	0.274	0.983	0.909	0.900	-0.214	0.273	0.347	0.997	0.896	0.919
398	37	-0.154	0.255	0.298	0.983	0.911	0.898	-0.229	0.287	0.367	0.996	0.896	0.917
399	38	-0.168	0.265	0.314	0.985	0.914	0.893	-0.245	0.294	0.383	0.996	0.894	0.914
400	39	-0.195	0.272	0.335	0.983	0.915	0.889	-0.260	0.297	0.395	0.995	0.893	0.912
401	40	-0.183	0.279	0.333	0.983	0.914	0.886	-0.256	0.298	0.393	0.995	0.892	0.912
402	41	-0.181	0.283	0.336	0.984	0.912	0.885	-0.248	0.304	0.393	0.995	0.891	0.911
403	42	-0.182	0.292	0.344	0.984	0.909	0.882	-0.248	0.313	0.399	0.996	0.892	0.910
404	43	-0.178	0.298	0.348	0.984	0.908	0.879	-0.244	0.320	0.402	0.996	0.892	0.910
405	44	-0.175	0.294	0.342	0.983	0.906	0.879	-0.236	0.314	0.393	0.997	0.891	0.912
406	45	-0.175	0.279	0.329	0.985	0.903	0.880	-0.232	0.301	0.379	0.996	0.891	0.916
407	46	-0.170	0.273	0.321	0.983	0.901	0.880	-0.221	0.297	0.371	0.996	0.891	0.917
408	47	-0.165	0.263	0.310	0.984	0.899	0.880	-0.213	0.290	0.360	0.997	0.890	0.919
409	48	-0.172	0.271	0.321	0.984	0.897	0.877	-0.222	0.290	0.365	0.996	0.891	0.920
410	49	-0.180	0.261	0.317	0.983	0.895	0.875	-0.230	0.284	0.365	0.996	0.891	0.920
411	50	-0.195	0.259	0.324	0.983	0.894	0.871	-0.249	0.284	0.378	0.996	0.890	0.920
412	51	-0.211	0.264	0.338	0.983	0.892	0.868	-0.257	0.288	0.386	0.995	0.889	0.918
413	52	-0.192	0.259	0.322	0.985	0.892	0.872	-0.239	0.283	0.371	0.995	0.889	0.918
414	53	-0.187	0.254	0.316	0.984	0.892	0.873	-0.230	0.280	0.362	0.996	0.887	0.918
415	54	-0.180	0.269	0.324	0.984	0.892	0.873	-0.214	0.286	0.357	0.996	0.887	0.918
416	55	-0.181	0.259	0.316	0.983	0.891	0.873	-0.212	0.281	0.352	0.996	0.886	0.918
417	56	-0.162	0.260	0.306	0.984	0.889	0.875	-0.212	0.279	0.351	0.996	0.884	0.917
418	57	-0.153	0.245	0.289	0.983	0.887	0.875	-0.211	0.270	0.342	0.997	0.883	0.917
419	58	-0.137	0.233	0.270	0.985	0.883	0.876	-0.209	0.251	0.326	0.996	0.882	0.920
420	59	-0.142	0.211	0.254	0.985	0.884	0.877	-0.209	0.241	0.318	0.996	0.883	0.921
421	60	-0.161	0.205	0.261	0.984	0.885	0.877	-0.215	0.234	0.318	0.996	0.885	0.924
422	61	-0.165	0.216	0.272	0.984	0.886	0.877	-0.224	0.242	0.329	0.995	0.887	0.924
423	62	-0.166	0.216	0.272	0.985	0.889	0.879	-0.220	0.247	0.331	0.995	0.889	0.925
424	63	-0.180	0.225	0.288	0.985	0.887	0.878	-0.230	0.252	0.341	0.996	0.888	0.923
425	64	-0.185	0.218	0.286	0.984	0.885	0.879	-0.239	0.250	0.346	0.995	0.885	0.922
426	65	-0.193	0.221	0.294	0.985	0.882	0.877	-0.243	0.257	0.354	0.997	0.883	0.919
427	66	-0.186	0.210	0.281	0.983	0.880	0.876	-0.241	0.249	0.346	0.996	0.880	0.920
428	67	-0.164	0.230	0.283	0.983	0.879	0.874	-0.225	0.267	0.349	0.996	0.877	0.917
429	68	-0.171	0.245	0.298	0.982	0.877	0.873	-0.220	0.275	0.352	0.996	0.876	0.917
430	69	-0.151	0.248	0.290	0.983	0.873	0.869	-0.204	0.275	0.342	0.996	0.875	0.916
431	70	-0.146	0.269	0.306	0.983	0.876	0.869	-0.198	0.290	0.351	0.996	0.875	0.914
432	71	-0.136	0.279	0.310	0.984	0.876	0.867	-0.191	0.296	0.352	0.997	0.875	0.913
433	72	-0.134	0.291	0.320	0.983	0.874	0.865	-0.185	0.304	0.355	0.995	0.873	0.913
434	73	-0.133	0.302	0.330	0.983	0.873	0.862	-0.188	0.316	0.368	0.997	0.872	0.910
435	74	-0.129	0.308	0.334	0.984	0.873	0.861	-0.183	0.317	0.366	0.997	0.872	0.910
436	75	-0.125	0.320	0.344	0.984	0.870	0.861	-0.184	0.325	0.374	0.996	0.873	0.910
437	76	-0.127	0.321	0.345	0.984	0.869	0.860	-0.184	0.330	0.378	0.996	0.873	0.911
438	77	-0.127	0.313	0.338	0.984	0.867	0.859	-0.186	0.321	0.371	0.996	0.873	0.913
439	78	-0.131	0.303	0.330	0.984	0.866	0.858	-0.187	0.317	0.369	0.995	0.873	0.913
440	79	-0.156	0.297	0.336	0.984	0.866	0.856	-0.203	0.314	0.374	0.995	0.871	0.911
441	80	-0.177	0.311	0.358	0.984	0.865	0.853	-0.213	0.324	0.388	0.996	0.870	0.908
442	81	-0.184	0.316	0.366	0.982	0.864	0.849	-0.218	0.332	0.397	0.997	0.869	0.906
443	82	-0.173	0.322	0.365	0.983	0.864	0.847	-0.215	0.341	0.403	0.996	0.865	0.901
444	83	-0.175	0.319	0.364	0.982	0.861	0.846	-0.217	0.336	0.400	0.996	0.862	0.899
445	84	-0.170	0.320	0.362	0.984	0.859	0.844	-0.215	0.338	0.401	0.996	0.859	0.896
446	85	-0.165	0.313	0.353	0.984	0.855	0.843	-0.218	0.329	0.395	0.996	0.855	0.894
447	86	-0.147	0.308	0.341	0.984	0.856	0.844	-0.214	0.320	0.385	0.996	0.857	0.897
448	87	-0.157	0.313	0.350	0.982	0.857	0.844	-0.219	0.315	0.384	0.995	0.863	0.901
449	88	-0.148	0.302	0.337	0.984	0.858	0.847	-0.225	0.297	0.373	0.996	0.867	0.906
450	89	-0.134	0.297	0.326	0.983	0.860	0.849	-0.225	0.290	0.367	0.996	0.870	0.910
451	90	-0.123	0.293	0.317	0.983	0.860	0.850	-0.208	0.283	0.351	0.997	0.870	0.911
452	91	-0.113	0.298	0.319	0.983	0.861	0.850	-0.191	0.286	0.344	0.997	0.869	0.911
453	92	-0.097	0.297	0.312	0.983	0.860	0.852	-0.170	0.289	0.335	0.996	0.869	0.910
454	93	-0.090	0.299	0.312	0.984	0.860	0.852	-0.148	0.289	0.325	0.995	0.868	0.909
455	94	-0.094	0.298	0.312	0.983	0.857	0.851	-0.139	0.298	0.329	0.996	0.868	0.909
456	95	-0.091	0.290	0.304	0.983	0.855	0.850	-0.130	0.298	0.325	0.996	0.868	0.908

457	96	-0.082	0.285	0.296	0.984	0.852	0.849	-0.114	0.294	0.316	0.997	0.866	0.908
458	97	-0.077	0.276	0.286	0.985	0.850	0.848	-0.098	0.286	0.302	0.996	0.867	0.908
459	98	-0.088	0.279	0.292	0.984	0.850	0.849	-0.104	0.282	0.301	0.996	0.867	0.909
460	99	-0.093	0.283	0.297	0.985	0.850	0.848	-0.107	0.279	0.299	0.996	0.867	0.910
461	100	-0.098	0.286	0.302	0.984	0.850	0.848	-0.122	0.281	0.306	0.996	0.867	0.909
462	101	-0.092	0.294	0.308	0.983	0.848	0.846	-0.119	0.289	0.313	0.995	0.865	0.907
463	102	-0.079	0.310	0.320	0.984	0.843	0.842	-0.106	0.309	0.327	0.996	0.863	0.904
464	103	-0.070	0.325	0.332	0.984	0.842	0.839	-0.104	0.315	0.332	0.996	0.859	0.900
465	104	-0.084	0.338	0.348	0.983	0.840	0.836	-0.115	0.328	0.348	0.995	0.856	0.897
466	105	-0.080	0.347	0.356	0.982	0.839	0.834	-0.104	0.338	0.354	0.997	0.857	0.896
467	106	-0.074	0.346	0.354	0.982	0.842	0.834	-0.098	0.338	0.352	0.995	0.860	0.900
468	107	-0.065	0.362	0.368	0.984	0.843	0.834	-0.092	0.354	0.366	0.997	0.864	0.901
469	108	-0.064	0.376	0.381	0.983	0.844	0.833	-0.093	0.365	0.377	0.997	0.866	0.903
470	109	-0.049	0.374	0.377	0.984	0.845	0.833	-0.088	0.362	0.373	0.996	0.867	0.903
471	110	-0.050	0.361	0.365	0.983	0.845	0.836	-0.091	0.355	0.366	0.996	0.866	0.903
472	111	-0.043	0.363	0.365	0.982	0.845	0.836	-0.088	0.354	0.364	0.995	0.865	0.902
473	112	-0.030	0.367	0.368	0.983	0.846	0.836	-0.086	0.355	0.365	0.996	0.865	0.901
474	113	-0.038	0.377	0.379	0.982	0.845	0.833	-0.089	0.359	0.370	0.997	0.865	0.900
475	114	-0.045	0.374	0.377	0.983	0.843	0.832	-0.087	0.362	0.372	0.995	0.862	0.900
476	115	-0.030	0.373	0.374	0.983	0.842	0.832	-0.073	0.362	0.369	0.996	0.861	0.899
477	116	-0.034	0.372	0.374	0.984	0.841	0.831	-0.067	0.362	0.368	0.995	0.858	0.898
478	117	-0.036	0.369	0.370	0.985	0.841	0.830	-0.071	0.354	0.361	0.995	0.858	0.896
479	118	-0.049	0.367	0.370	0.984	0.840	0.828	-0.077	0.356	0.364	0.996	0.859	0.894
480	119	-0.077	0.377	0.385	0.984	0.840	0.825	-0.087	0.369	0.379	0.996	0.859	0.891
481	120	-0.082	0.374	0.383	0.985	0.842	0.824	-0.090	0.372	0.383	0.996	0.861	0.890
482	121	-0.056	0.374	0.378	0.983	0.842	0.824	-0.082	0.387	0.395	0.996	0.863	0.890
483	122	-0.044	0.378	0.381	0.985	0.842	0.824	-0.081	0.397	0.405	0.995	0.867	0.892
484	123	-0.030	0.380	0.381	0.985	0.841	0.823	-0.079	0.401	0.409	0.994	0.869	0.892
485	124	-0.017	0.381	0.381	0.983	0.841	0.822	-0.069	0.402	0.407	0.995	0.872	0.893
486	125	-0.013	0.384	0.384	0.983	0.841	0.822	-0.058	0.415	0.419	0.994	0.872	0.891
487	126	0.006	0.394	0.394	0.982	0.839	0.818	-0.034	0.426	0.427	0.995	0.873	0.891
488	127	0.007	0.396	0.396	0.983	0.839	0.816	-0.021	0.428	0.429	0.996	0.873	0.890
489	128	0.010	0.407	0.407	0.983	0.837	0.811	-0.009	0.439	0.439	0.996	0.872	0.886
490	129	0.010	0.416	0.416	0.984	0.836	0.806	0.004	0.446	0.446	0.996	0.869	0.880
491	130	-0.003	0.431	0.431	0.983	0.833	0.801	0.009	0.459	0.459	0.996	0.865	0.873
492	131	0.004	0.444	0.444	0.983	0.832	0.795	0.033	0.474	0.475	0.996	0.858	0.863
493	132	0.018	0.450	0.450	0.983	0.833	0.795	0.039	0.489	0.490	0.995	0.862	0.862
494	133	0.029	0.462	0.463	0.982	0.838	0.792	0.031	0.502	0.503	0.996	0.868	0.865
495	134	0.047	0.468	0.471	0.984	0.843	0.793	0.034	0.514	0.516	0.995	0.875	0.866
496	135	0.056	0.475	0.478	0.983	0.846	0.793	0.034	0.528	0.529	0.995	0.881	0.867
497	136	0.055	0.468	0.472	0.985	0.845	0.791	0.031	0.527	0.528	0.995	0.881	0.865
498	137	0.069	0.454	0.459	0.984	0.844	0.790	0.046	0.521	0.523	0.996	0.879	0.863
499	138	0.057	0.456	0.460	0.984	0.843	0.788	0.046	0.532	0.534	0.997	0.877	0.858
500	139	0.054	0.470	0.474	0.983	0.842	0.783	0.048	0.549	0.551	0.997	0.873	0.852
501	140	0.079	0.480	0.486	0.983	0.845	0.780	0.065	0.565	0.569	0.995	0.875	0.848
502	141	0.089	0.501	0.509	0.984	0.845	0.775	0.070	0.589	0.593	0.995	0.879	0.845
503	142	0.104	0.516	0.527	0.985	0.847	0.771	0.080	0.613	0.618	0.995	0.880	0.839
504	143	0.122	0.525	0.539	0.983	0.846	0.768	0.091	0.630	0.636	0.995	0.879	0.834
505	144	0.118	0.538	0.551	0.983	0.846	0.766	0.083	0.642	0.647	0.995	0.880	0.832
506	145	0.134	0.532	0.549	0.984	0.846	0.765	0.083	0.644	0.649	0.995	0.880	0.832
507	146	0.148	0.543	0.563	0.982	0.844	0.762	0.085	0.656	0.662	0.996	0.878	0.829
508	147	0.152	0.533	0.554	0.984	0.844	0.764	0.091	0.657	0.663	0.996	0.876	0.827
509	148	0.178	0.519	0.548	0.982	0.845	0.766	0.134	0.635	0.649	0.996	0.870	0.821
510	149	0.192	0.514	0.549	0.982	0.843	0.765	0.160	0.626	0.646	0.997	0.864	0.817
511	150	0.206	0.491	0.532	0.983	0.843	0.769	0.184	0.601	0.629	0.994	0.857	0.814
512	151	0.226	0.479	0.530	0.983	0.844	0.771	0.199	0.595	0.627	0.996	0.855	0.813
513	152	0.231	0.476	0.530	0.983	0.845	0.770	0.196	0.585	0.617	0.997	0.854	0.814
514	153	0.255	0.452	0.519	0.983	0.845	0.775	0.206	0.561	0.597	0.995	0.855	0.816
515	154	0.276	0.429	0.510	0.984	0.845	0.778	0.208	0.539	0.577	0.996	0.853	0.818
516	155	0.293	0.416	0.509	0.985	0.846	0.782	0.224	0.514	0.561	0.995	0.859	0.828

517	156	0.302	0.395	0.497	0.985	0.849	0.789	0.242	0.491	0.548	0.995	0.868	0.840
518	157	0.307	0.368	0.479	0.983	0.850	0.796	0.237	0.468	0.524	0.995	0.877	0.854
519	158	0.311	0.368	0.482	0.984	0.851	0.798	0.232	0.450	0.506	0.996	0.885	0.865
520	159	0.323	0.354	0.479	0.984	0.850	0.801	0.252	0.433	0.501	0.996	0.885	0.869
521	160	0.324	0.341	0.471	0.985	0.849	0.805	0.265	0.416	0.493	0.996	0.883	0.872
522	161	0.338	0.309	0.458	0.983	0.847	0.810	0.281	0.390	0.481	0.996	0.883	0.876
523	162	0.341	0.294	0.450	0.983	0.847	0.814	0.291	0.372	0.472	0.996	0.883	0.880
524	163	0.368	0.296	0.473	0.983	0.851	0.816	0.300	0.368	0.474	0.994	0.882	0.880
525	164	0.390	0.294	0.488	0.985	0.856	0.819	0.307	0.368	0.479	0.995	0.882	0.879
526	165	0.392	0.283	0.484	0.984	0.860	0.822	0.298	0.360	0.467	0.995	0.881	0.879
527	166	0.419	0.284	0.507	0.983	0.865	0.825	0.308	0.354	0.469	0.995	0.880	0.879
528	167	0.433	0.278	0.514	0.983	0.867	0.827	0.334	0.346	0.481	0.996	0.882	0.882
529	168	0.494	0.276	0.566	0.983	0.871	0.826	0.379	0.341	0.509	0.996	0.883	0.883
530	169	0.507	0.283	0.580	0.984	0.872	0.826	0.399	0.337	0.522	0.994	0.886	0.885
531	170	0.521	0.275	0.589	0.984	0.872	0.827	0.417	0.328	0.531	0.996	0.885	0.886
532	171	0.514	0.286	0.588	0.984	0.869	0.828	0.416	0.330	0.531	0.996	0.882	0.886
533	172	0.524	0.276	0.592	0.984	0.865	0.828	0.420	0.325	0.531	0.995	0.877	0.886
534	173	0.533	0.282	0.603	0.982	0.862	0.826	0.425	0.319	0.531	0.996	0.873	0.888
535	174	0.540	0.266	0.602	0.984	0.859	0.826	0.432	0.304	0.528	0.996	0.872	0.891
536	175	0.574	0.257	0.629	0.984	0.856	0.824	0.472	0.285	0.551	0.995	0.872	0.894
537	176	0.591	0.252	0.642	0.983	0.853	0.822	0.491	0.268	0.559	0.996	0.873	0.898
538	177	0.598	0.258	0.651	0.983	0.850	0.820	0.512	0.262	0.575	0.996	0.875	0.901
539	178	0.636	0.289	0.698	0.983	0.851	0.817	0.527	0.284	0.599	0.995	0.874	0.900
540	179	0.673	0.317	0.744	0.983	0.854	0.812	0.545	0.315	0.629	0.995	0.874	0.896
541	180	0.698	0.340	0.776	0.983	0.853	0.810	0.553	0.342	0.650	0.996	0.873	0.892
542	181	0.716	0.356	0.800	0.984	0.856	0.809	0.564	0.361	0.669	0.996	0.873	0.889
543	182	0.749	0.401	0.849	0.985	0.862	0.802	0.583	0.409	0.712	0.995	0.875	0.882
544	183	0.770	0.441	0.887	0.984	0.865	0.795	0.594	0.455	0.748	0.996	0.878	0.875
545	184	0.787	0.488	0.926	0.983	0.868	0.784	0.601	0.511	0.788	0.997	0.881	0.867
546	185	0.813	0.517	0.964	0.985	0.871	0.776	0.613	0.551	0.825	0.996	0.883	0.860
547	186	0.862	0.535	1.014	0.985	0.872	0.767	0.652	0.572	0.867	0.995	0.883	0.854
548	187	0.885	0.543	1.038	0.984	0.873	0.761	0.678	0.593	0.901	0.995	0.885	0.848
549	188	0.906	0.552	1.061	0.983	0.874	0.754	0.705	0.612	0.933	0.995	0.886	0.842
550	189	0.936	0.581	1.102	0.984	0.875	0.745	0.722	0.642	0.966	0.996	0.886	0.834
551	190	0.958	0.585	1.123	0.984	0.876	0.741	0.725	0.664	0.984	0.996	0.887	0.828
552	191	0.980	0.594	1.146	0.984	0.877	0.735	0.735	0.677	0.999	0.996	0.886	0.823
553	192	0.989	0.591	1.152	0.982	0.878	0.733	0.735	0.686	1.005	0.996	0.882	0.818
554	193	1.004	0.583	1.162	0.983	0.880	0.732	0.740	0.680	1.005	0.996	0.880	0.815
555	194	1.051	0.536	1.180	0.985	0.880	0.727	0.768	0.644	1.002	0.996	0.880	0.815
556	195	1.075	0.510	1.190	0.986	0.883	0.725	0.787	0.612	0.997	0.996	0.881	0.815
557	196	1.093	0.471	1.191	0.984	0.885	0.727	0.804	0.577	0.990	0.996	0.879	0.815
558	197	1.115	0.440	1.199	0.984	0.888	0.725	0.833	0.536	0.991	0.996	0.883	0.817
559	198	1.155	0.417	1.228	0.984	0.894	0.720	0.890	0.496	1.019	0.995	0.888	0.817
560	199	1.189	0.389	1.251	0.983	0.896	0.715	0.942	0.452	1.045	0.995	0.891	0.817
561	200	1.224	0.354	1.275	0.983	0.902	0.711	0.986	0.409	1.068	0.996	0.894	0.817
562	201	1.257	0.333	1.300	0.984	0.907	0.705	1.034	0.387	1.104	0.997	0.896	0.816
563	202	1.281	0.332	1.323	0.983	0.911	0.699	1.079	0.370	1.140	0.996	0.899	0.817
564	203	1.315	0.307	1.351	0.983	0.916	0.694	1.121	0.340	1.172	0.996	0.904	0.818
565	204	1.335	0.285	1.365	0.984	0.919	0.689	1.168	0.316	1.210	0.996	0.909	0.818
566	205	1.367	0.301	1.399	0.983	0.918	0.682	1.198	0.328	1.242	0.996	0.909	0.815
567	206	1.412	0.323	1.448	0.983	0.918	0.671	1.237	0.342	1.283	0.995	0.907	0.811
568	207	1.444	0.319	1.479	0.984	0.915	0.663	1.263	0.348	1.310	0.996	0.906	0.807
569	208	1.466	0.349	1.507	0.984	0.912	0.658	1.289	0.368	1.341	0.997	0.905	0.803
570	209	1.496	0.411	1.551	0.983	0.917	0.648	1.342	0.435	1.411	0.997	0.909	0.796
571	210	1.544	0.462	1.612	0.983	0.920	0.638	1.410	0.492	1.493	0.996	0.914	0.786
572	211	1.587	0.515	1.668	0.984	0.917	0.625	1.484	0.551	1.583	0.996	0.914	0.773
573	212	1.604	0.533	1.691	0.984	0.921	0.622	1.536	0.588	1.644	0.995	0.912	0.762
574	213	1.631	0.538	1.718	0.984	0.919	0.613	1.574	0.600	1.685	0.996	0.905	0.750
575	214	1.656	0.556	1.747	0.984	0.917	0.608	1.608	0.622	1.724	0.996	0.894	0.737
576	215	1.674	0.568	1.767	0.984	0.914	0.602	1.659	0.640	1.778	0.996	0.878	0.721

577	216	1.707	0.568	1.800	0.985	0.916	0.598	1.705	0.636	1.820	0.996	0.867	0.709
578	217	1.737	0.512	1.811	0.984	0.917	0.599	1.707	0.580	1.802	0.996	0.873	0.711
579	218	1.768	0.479	1.832	0.985	0.920	0.597	1.706	0.540	1.790	0.996	0.874	0.709
580	219	1.792	0.439	1.845	0.984	0.921	0.598	1.708	0.490	1.777	0.997	0.872	0.706
581	220	1.822	0.409	1.867	0.984	0.925	0.594	1.750	0.458	1.809	0.997	0.879	0.706
582	221	1.835	0.390	1.876	0.984	0.926	0.595	1.806	0.438	1.858	0.997	0.890	0.713
583	222	1.844	0.373	1.882	0.984	0.930	0.595	1.847	0.421	1.895	0.996	0.897	0.713
584	223	1.854	0.350	1.887	0.983	0.933	0.595	1.879	0.396	1.921	0.997	0.900	0.705
585	224	1.897	0.353	1.930	0.983	0.936	0.585	1.918	0.404	1.960	0.997	0.909	0.698
586	225	1.937	0.375	1.973	0.984	0.936	0.578	1.970	0.416	2.014	0.997	0.917	0.689
587	226	1.966	0.411	2.008	0.984	0.940	0.569	2.032	0.439	2.079	0.997	0.927	0.673
588	227	2.020	0.449	2.070	0.984	0.944	0.556	2.103	0.465	2.154	0.996	0.938	0.656
589	228	2.070	0.498	2.129	0.984	0.942	0.542	2.177	0.549	2.245	0.996	0.940	0.640
590	229	2.136	0.560	2.208	0.984	0.940	0.526	2.258	0.646	2.349	0.996	0.932	0.620
591	230	2.192	0.625	2.280	0.984	0.934	0.512	2.343	0.733	2.454	0.996	0.916	0.600
592	231	2.250	0.666	2.346	0.984	0.928	0.498	2.421	0.793	2.547	0.996	0.901	0.583
593	232	2.284	0.632	2.370	0.983	0.927	0.498	2.448	0.759	2.562	0.997	0.904	0.584
594	233	2.309	0.607	2.388	0.984	0.928	0.496	2.480	0.723	2.583	0.996	0.908	0.583
595	234	2.337	0.575	2.407	0.983	0.925	0.494	2.504	0.691	2.598	0.996	0.913	0.585
596	235	2.376	0.556	2.440	0.984	0.926	0.491	2.529	0.659	2.614	0.997	0.917	0.587
597	236	2.426	0.542	2.486	0.985	0.928	0.483	2.563	0.634	2.640	0.996	0.923	0.586
598	237	2.467	0.516	2.521	0.984	0.931	0.477	2.595	0.607	2.665	0.996	0.925	0.587
599	238	2.523	0.502	2.573	0.985	0.933	0.465	2.633	0.579	2.696	0.996	0.925	0.584
600	239	2.558	0.512	2.608	0.983	0.934	0.457	2.661	0.586	2.725	0.997	0.925	0.582
601	240	2.610	0.582	2.674	0.985	0.931	0.445	2.712	0.656	2.790	0.996	0.928	0.573
602	241	2.649	0.658	2.730	0.984	0.930	0.432	2.762	0.730	2.857	0.997	0.926	0.563
603	242	2.694	0.707	2.786	0.984	0.926	0.423	2.812	0.788	2.921	0.996	0.923	0.552
604	243	2.761	0.769	2.867	0.984	0.919	0.408	2.861	0.851	2.985	0.997	0.918	0.545
605	244	2.827	0.782	2.933	0.984	0.914	0.396	2.900	0.881	3.031	0.998	0.915	0.540
606	245	2.889	0.795	2.996	0.984	0.910	0.386	2.937	0.909	3.075	0.997	0.911	0.535
607	246	2.945	0.811	3.054	0.984	0.904	0.377	2.977	0.932	3.120	0.997	0.908	0.531
608	247	3.012	0.805	3.118	0.983	0.909	0.363	3.029	0.927	3.168	0.997	0.912	0.526
609	248	3.073	0.781	3.171	0.984	0.917	0.348	3.077	0.908	3.208	0.997	0.922	0.523
610	249	3.142	0.755	3.232	0.984	0.927	0.328	3.129	0.880	3.250	0.997	0.931	0.519
611	250	3.221	0.740	3.305	0.983	0.936	0.306	3.184	0.856	3.297	0.997	0.928	0.515