2017-08-30 14:35:38.568013
CT_x100
path: ../data/phantom2/CT_x100
thresholds:
lower (simple): -460.940227704,
lower (iter): -188.922061524
upper: 329.0
DC-average (simple): 0.87667059562 (bestRadius: 3.92857142857)
DC-average (iter): 0.992641237859 (bestRadius: 3.64285714286)
MR_x100
path: ../data/phantom2/MR_x100
thresholds:
lower (simple): 827.518223235,
lower (iter): 339.31049961
lower (simple_CT-COM): 827.518223235
lower (iter_CT-COM): 339.31049961
upper: 2095.0
DC-average (simple): 0.893466506573 (bestRadius: 1.92857142857)
DC-average (iter): 0.941615552809 (bestRadius: 3.0)
DC-average (CT-COM, simple): 0.685706722238 (bestRadius: 1.92857142857)
DC-average (CT-COM, iter): 0.755705950588 (bestRadius: 2.78571428571)

sliceNo	dist	warpX	warpY	warpM	DC_{CT}	DC_{MR}	$DC_{MR(CT)}$	warpX*	warpY*	warpM*	DC^*_{CT}	DC^*_{MR}	$DC^*_{MR(CT)}$
0	-183	-0.105	-1.115	1.120	0.983	0.844	0.610	-0.105	-1.057	1.062	0.995	0.950	0.755
1	-182	-0.121	-1.113	1.120	0.981	0.855	0.609	-0.120	-1.053	1.060	0.993	0.950	0.757
2	-181	-0.128	-1.111	1.118	0.982	0.867	0.614	-0.133	-1.047	1.056	0.993	0.950	0.758
3	-180	-0.146	-1.099	1.108	0.983	0.873	0.617	-0.152	-1.033	1.044	0.994	0.951	0.762
4	-179	-0.148	-1.065	1.075	0.982	0.886	0.634	-0.157	-1.001	1.013	0.995	0.949	0.770
5	-178	-0.165	-1.067	1.079	0.982	0.896	0.634	-0.165	-1.000	1.013	0.993	0.947	0.772
6	-177	-0.156	-1.042	1.054	0.981	0.905	0.644	-0.166	-0.984	0.998	0.994	0.947	0.776
7	-176	-0.181	-1.031	1.047	0.981	0.904	0.649	-0.184	-0.979	0.996	0.993	0.946	0.776
8	-175	-0.168	-1.029	1.043	0.982	0.907	0.650	-0.177	-0.980	0.996	0.993	0.945	0.776
9	-174	-0.184	-1.046	1.062	0.982	0.909	0.645	-0.191	-0.991	1.009	0.994	0.944	0.774
10	-173	-0.191	-1.021	1.039	0.983	0.914	0.650	-0.200	-0.978	0.998	0.993	0.944	0.776
11	-172	-0.183	-1.033	1.049	0.981	0.918	0.651	-0.198	-0.992	1.012	0.994	0.943	0.773
12	-171	-0.189	-1.027	1.044	0.982	0.921	0.651	-0.202	-0.993	1.013	0.996	0.942	0.771
13	-170	-0.204	-1.026	1.046	0.984	0.923	0.655	-0.215	-0.993	1.016	0.995	0.941	0.772
14	-169	-0.211	-1.023	1.045	0.982	0.926	0.658	-0.225	-1.001	1.026	0.991	0.942	0.770
15	-168	-0.210	-1.020	1.041	0.984	0.928	0.658	-0.219	-0.996	1.019	0.993	0.942	0.772
16	-167	-0.205	-1.007	1.028	0.983	0.929	0.663	-0.214	-0.991	1.013	0.995	0.942	0.772
17	-166	-0.210	-0.983	1.005	0.983	0.930	0.667	-0.217	-0.973	0.997	0.995	0.942	0.777
18	-165	-0.212	-0.985	1.007	0.983	0.933	0.668	-0.221	-0.979	1.003	0.994	0.942	0.775
19	-164	-0.217	-0.984	1.008	0.983	0.935	0.669	-0.226	-0.980	1.006	0.993	0.943	0.775
20	-163	-0.212	-0.980	1.002	0.982	0.934	0.676	-0.214	-0.972	0.995	0.993	0.944	0.777
21	-162	-0.188	-0.989	1.007	0.981	0.937	0.674	-0.191	-0.981	0.999	0.993	0.944	0.778
22	-161	-0.185	-0.983	1.000	0.982	0.942	0.673	-0.182	-0.978	0.994	0.993	0.947	0.780
23	-160	-0.190	-0.971	0.989	0.982	0.948	0.681	-0.182	-0.964	0.981	0.995	0.948	0.783
24	-159	-0.179	-0.955	0.971	0.982	0.948	0.690	-0.172	-0.947	0.962	0.992	0.948	0.789
25	-158	-0.173	-0.949	0.965	0.981	0.949	0.691	-0.157	-0.942	0.955	0.993	0.950	0.792
26	-157	-0.153	-0.934	0.946	0.983	0.950	0.699	-0.135	-0.934	0.944	0.991	0.951	0.795
27	-156	-0.148	-0.907	0.919	0.983	0.952	0.705	-0.129	-0.904	0.914	0.991	0.951	0.801
28	-155	-0.138	-0.913	0.923	0.982	0.949	0.706	-0.121	-0.906	0.915	0.992	0.952	0.801
29	-154	-0.122	-0.920	0.928	0.981	0.955	0.702	-0.105	-0.917	0.923	0.994	0.951	0.798
30	-153	-0.123	-0.906	0.914	0.981	0.956	0.704	-0.108	-0.907	0.914	0.994	0.951	0.801
31	-152	-0.120	-0.907	0.915	0.981	0.957	0.704	-0.098	-0.901	0.907	0.994	0.952	0.803
32	-151	-0.112	-0.899	0.906	0.981	0.959	0.709	-0.093	-0.886	0.891	0.992	0.951	0.807
33	-150	-0.097	-0.885	0.890	0.980	0.957	0.714	-0.080	-0.878	0.882	0.993	0.950	0.808
34	-149	-0.110	-0.880	0.887	0.981	0.959	0.717	-0.087	-0.867	0.871	0.995	0.950	0.812
35	-148	-0.112	-0.869	0.876	0.982	0.959	0.719	-0.091	-0.858	0.863	0.995	0.949	0.813
36	-147	-0.097	-0.855	0.860	0.983	0.956	0.727	-0.085	-0.847	0.851	0.994	0.949	0.817

37	-146	-0.097	-0.838	0.843	0.983	0.958	0.732	-0.087	-0.832	0.837	0.995	0.948	0.820
38	-145	-0.090	-0.811	0.816	0.983	0.958	0.738	-0.081	-0.809	0.813	0.995	0.948	0.825
39	-144	-0.101	-0.804	0.810	0.981	0.958	0.742	-0.086	-0.799	0.804	0.992	0.947	0.827
40	-143	-0.110	-0.804	0.811	0.981	0.960	0.740	-0.098	-0.798	0.804	0.994	0.947	0.828
41	-142	-0.104	-0.813	0.820	0.982	0.961	0.736	-0.094	-0.805	0.810	0.994	0.947	0.827
42	-141	-0.092	-0.798	0.804	0.982	0.963	0.739	-0.086	-0.795	0.799	0.991	0.947	0.829
43	-140	-0.104	-0.786	0.792	0.982	0.960	0.744	-0.091	-0.785	0.791	0.993	0.947	0.830
44	-139	-0.097	-0.779	0.785	0.983	0.961	0.748	-0.081	-0.785	0.789	0.992	0.947	0.829
45	-138	-0.088	-0.746	0.751	0.982	0.962	0.760	-0.077	-0.754	0.758	0.993	0.947	0.834
46	-137	-0.093	-0.761	0.767	0.982	0.962	0.754	-0.081	-0.765	0.769	0.993	0.947	0.833
47	-136	-0.081	-0.759	0.764	0.981	0.963	0.754	-0.070	-0.761	0.764	0.994	0.948	0.834
48	-135	-0.080	-0.758	0.763	0.983	0.962	0.753	-0.067	-0.764	0.767	0.995	0.949	0.833
49	-134	-0.076	-0.744	0.748	0.982	0.966	0.758	-0.066	-0.756	0.759	0.995	0.950	0.834
50	-133	-0.081	-0.740	0.745	0.983	0.967	0.759	-0.076	-0.759	0.763	0.995	0.951	0.832
51	-132	-0.076	-0.731	0.735	0.982	0.969	0.763	-0.070	-0.751	0.754	0.994	0.951	0.834
52	-131	-0.061	-0.723	0.725	0.982	0.969	0.766	-0.054	-0.747	0.749	0.994	0.952	0.834
53	-130	-0.076	-0.723	0.727	0.983	0.967	0.767	-0.067	-0.743	0.746	0.995	0.952	0.836
54	-129	-0.075	-0.723	0.727	0.985	0.966	0.767	-0.064	-0.745	0.748	0.994	0.953	0.835
55	-128	-0.072	-0.704	0.707	0.981	0.962	0.774	-0.072	-0.730	0.734	0.993	0.955	0.837
56	-127	-0.089	-0.721	0.727	0.983	0.959	0.771	-0.090	-0.744	0.750	0.993	0.956	0.833
57	-126	-0.080	-0.695	0.699	0.984	0.959	0.778	-0.075	-0.724	0.728	0.994	0.957	0.838
58	-125	-0.077	-0.687	0.691	0.985	0.960	0.779	-0.076	-0.719	0.723	0.995	0.958	0.839
59	-124	-0.077	-0.694	0.698	0.984	0.958	0.780	-0.077	-0.722	0.726	0.994	0.959	0.838
60	-123	-0.070	-0.693	0.696	0.984	0.958	0.780	-0.069	-0.720	0.723	0.992	0.958	0.840
61	-122	-0.078	-0.691	0.696	0.983	0.957	0.781	-0.084	-0.713	0.718	0.992	0.959	0.841
62	-121	-0.088	-0.687	0.692	0.983	0.960	0.784	-0.091	-0.703	0.709	0.990	0.958	0.843
63	-120	-0.085	-0.667	0.672	0.982	0.963	0.788	-0.080	-0.684	0.689	0.993	0.957	0.847
64	-119	-0.075	-0.651	0.655	0.983	0.963	0.793	-0.078	-0.668	0.672	0.993	0.956	0.851
65	-118	-0.074	-0.639	0.643	0.983	0.967	0.796	-0.071	-0.660	0.664	0.994	0.955	0.852
66	-117	-0.072	-0.645	0.649	0.982	0.967	0.794	-0.071	-0.657	0.661	0.992	0.955	0.852
67	-116	-0.057	-0.657	0.659	0.982	0.967	0.789	-0.058	-0.671	0.673	0.993	0.956	0.848
68	-115	-0.064	-0.650	0.653	0.981	0.965	0.790	-0.063	-0.666	0.669	0.994	0.957	0.850
69	-114	-0.069	-0.640	0.643	0.982	0.964	0.793	-0.073	-0.659	0.663	0.993	0.957	0.851
70	-113	-0.063	-0.630	0.633	0.981	0.966	0.795	-0.067	-0.650	0.654	0.992	0.957	0.853
71	-112	-0.070	-0.618	0.622	0.983	0.968	0.801	-0.071	-0.634	0.638	0.993	0.957	0.858
72	-111	-0.068	-0.627	0.631	0.981	0.967	0.797	-0.068	-0.636	0.640	0.993	0.957	0.856
73	-110	-0.063	-0.622	0.626	0.983	0.966	0.800	-0.074	-0.630	0.634	0.992	0.955	0.859
74	-109	-0.068	-0.611	0.615	0.981	0.966	0.803	-0.079	-0.619	0.624	0.992	0.954	0.861
75	-108	-0.074	-0.608	0.613	0.982	0.965	0.807	-0.085	-0.614	0.620	0.993	0.952	0.863
76	-107	-0.078	-0.594	0.599	0.982	0.965	0.812	-0.082	-0.602	0.608	0.993	0.951	0.864
77	-106	-0.074	-0.584	0.589	0.981	0.964	0.817	-0.086	-0.590	0.597	0.993	0.951	0.866
78	-105	-0.076	-0.602	0.607	0.982	0.965	0.808	-0.086	-0.603	0.609	0.995	0.949	0.865
79	-104	-0.083	-0.610	0.615	0.983	0.964	0.806	-0.090	-0.605	0.611	0.993	0.950	0.865
80	-103	-0.071	-0.604	0.609	0.980	0.965	0.806	-0.085	-0.596	0.602	0.993	0.950	0.867
81	-102	-0.084	-0.594	0.600	0.982	0.965	0.811	-0.093	-0.587	0.595	0.995	0.949	0.867
82	-101	-0.079	-0.597	0.602	0.982	0.965	0.808	-0.090	-0.589	0.595	0.993	0.950	0.868
83	-100	-0.073	-0.597	0.601	0.982	0.964	0.809	-0.082	-0.587	0.592	0.995	0.949	0.867
84	-99	-0.062	-0.588	0.591	0.984	0.963	0.811	-0.073	-0.575	0.580	0.993	0.948	0.869
85	-98	-0.065	-0.585	0.589	0.986	0.964	0.813	-0.072	-0.573	0.578	0.994	0.948	0.869
86	-97	-0.052	-0.610	0.612	0.981	0.964	0.808	-0.064	-0.593	0.597	0.995	0.947	0.867
87	-96	-0.053	-0.600	0.602	0.983	0.962	0.811	-0.061	-0.581	0.584	0.993	0.947	0.869
88	-95	-0.055	-0.567	0.570	0.982	0.961	0.820	-0.060	-0.563	0.566	0.994	0.945	0.873
89	-94	-0.059	-0.578	0.581	0.983	0.961	0.817	-0.069	-0.567	0.571	0.996	0.944	0.871
90	-93	-0.055	-0.554	0.556	0.982	0.961	0.823	-0.065	-0.552	0.556	0.994	0.943	0.874
91	-92	-0.052	-0.567	0.569	0.982	0.959	0.821	-0.060	-0.560	0.563	0.994	0.943	0.872
92	-91	-0.062	-0.555	0.559	0.983	0.959	0.824	-0.067	-0.552	0.556	0.993	0.942	0.874
93	-90	-0.067	-0.559	0.563	0.984	0.959	0.824	-0.076	-0.554	0.559	0.994	0.942	0.873
94	-89	-0.062	-0.558	0.561	0.984	0.958	0.824	-0.069	-0.552	0.556	0.994	0.942	0.873
95	-88	-0.067	-0.553	0.557	0.983	0.959	0.824	-0.078	-0.551	0.556	0.989	0.942	0.872
96	-87	-0.071	-0.555	0.560	0.983	0.956	0.825	-0.082	-0.551	0.557	0.992	0.942	0.871

97	-86	-0.054	-0.572	0.574	0.982	0.956	0.821	-0.068	-0.565	0.569	0.993	0.941	0.870
98	-85	-0.065	-0.578	0.581	0.981	0.956	0.819	-0.072	-0.567	0.572	0.993	0.942	0.869
99	-84	-0.065	-0.562	0.566	0.980	0.953	0.826	-0.083	-0.555	0.561	0.991	0.942	0.869
100	-83	-0.071	-0.576	0.580	0.981	0.951	0.821	-0.087	-0.559	0.566	0.991	0.942	0.869
101	-82	-0.064	-0.582	0.586	0.982	0.952	0.817	-0.077	-0.569	0.574	0.993	0.942	0.869
102	-81	-0.062	-0.572	0.575	0.982	0.951	0.822	-0.078	-0.564	0.569	0.993	0.943	0.870
103	-80	-0.057	-0.562	0.565	0.982	0.950	0.824	-0.076	-0.558	0.563	0.993	0.940	0.872
104	-79	-0.065	-0.579	0.583	0.981	0.951	0.819	-0.080	-0.567	0.573	0.992	0.941	0.870
105	-78	-0.060	-0.574	0.577	0.982	0.949	0.819	-0.077	-0.569	0.575	0.993	0.940	0.870
106	-77	-0.052	-0.578	0.580	0.981	0.949	0.818	-0.068	-0.573	0.577	0.994	0.940	0.870
107	-76	-0.057	-0.573	0.576	0.980	0.948	0.820	-0.072	-0.571	0.576	0.993	0.940	0.870
108	-75	-0.061	-0.574	0.578	0.983	0.947	0.820	-0.074	-0.575	0.579	0.995	0.941	0.869
109	-74	-0.068	-0.569	0.573	0.984	0.947	0.824	-0.076	-0.571	0.576	0.995	0.941	0.870
110	-73	-0.063	-0.573	0.577	0.984	0.947	0.822	-0.080	-0.576	0.581	0.994	0.941	0.869
111	-72	-0.053	-0.582	0.584	0.981	0.946	0.818	-0.071	-0.581	0.585	0.992	0.941	0.869
112	-71	-0.058	-0.577	0.580	0.982	0.945	0.820	-0.076	-0.578	0.583	0.993	0.943	0.869
113	-70	-0.072	-0.564	0.569	0.984	0.945	0.825	-0.083	-0.570	0.576	0.993	0.942	0.870
114	-69	-0.067	-0.573	0.577	0.982	0.946	0.821	-0.085	-0.574	0.580	0.993	0.942	0.870
115	-68	-0.062	-0.560	0.563	0.982	0.946	0.826	-0.083	-0.561	0.567	0.994	0.942	0.872
116	-67	-0.061	-0.582	0.585	0.981	0.947	0.818	-0.079	-0.579	0.585	0.995	0.941	0.869
117	-66	-0.060	-0.581	0.584	0.982	0.947	0.819	-0.079	-0.577	0.582	0.992	0.941	0.868
118	-65	-0.058	-0.574	0.577	0.981	0.947	0.821	-0.077	-0.574	0.579	0.992	0.941	0.869
119	-64	-0.052	-0.587	0.590	0.982	0.946	0.817	-0.066	-0.578	0.582	0.993	0.942	0.869
120	-63	-0.066	-0.591	0.594	0.982	0.945	0.817	-0.077	-0.585	0.590	0.994	0.942	0.867
121	-62	-0.048	-0.586	0.588	0.984	0.944	0.816	-0.063	-0.581	0.584	0.994	0.942	0.868
122	-61	-0.061	-0.593	0.596	0.983	0.943	0.815	-0.076	-0.589	0.594	0.992	0.942	0.866
123	-60	-0.055	-0.603	0.605	0.983	0.942	0.812	-0.070	-0.598	0.602	0.995	0.941	0.865
124	-59	-0.047	-0.612	0.613	0.982	0.941	0.809	-0.059	-0.611	0.614	0.995	0.942	0.864
125	-58	-0.051	-0.626	0.628	0.981	0.940	0.804	-0.061	-0.626	0.629	0.994	0.942	0.861
126	-57	-0.037	-0.633	0.634	0.979	0.939	0.799	-0.053	-0.630	0.632	0.993	0.942	0.860
127	-56	-0.030	-0.621	0.621	0.981	0.939	0.804	-0.048	-0.614	0.616	0.993	0.944	0.864
128	-55	-0.023	-0.616	0.616	0.982	0.939	0.805	-0.044	-0.620	0.621	0.994	0.943	0.863
129	-54	-0.032	-0.603	0.604	0.982	0.940	0.811	-0.054	-0.615	0.617	0.992	0.944	0.864
130	-53	-0.042	-0.622	0.623	0.981	0.939	0.804	-0.061	-0.625	0.628	0.994	0.945	0.861
131	-52	-0.035	-0.610	0.611	0.981	0.939	0.808	-0.055	-0.612	0.615	0.994	0.946	0.864
132	-51	-0.041	-0.617	0.618	0.983	0.939	0.805	-0.060	-0.625	0.627	0.992	0.946	0.861
133	-50	-0.034	-0.612	0.613	0.981	0.939	0.806	-0.057	-0.620	0.623	0.991	0.946	0.862
134	-49	-0.034	-0.605	0.606	0.982	0.940	0.808	-0.057	-0.617	0.620	0.993	0.946	0.862
135	-48	-0.033	-0.612	0.613	0.982	0.939	0.804	-0.052	-0.614	0.616	0.994	0.945	0.863
136	-47	-0.039	-0.630	0.632	0.981	0.939	0.801	-0.056	-0.629	0.632	0.995	0.945	0.859
137	-46	-0.039	-0.616	0.618	0.980	0.939	0.805	-0.055	-0.612	0.614	0.993	0.944	0.863
138	-45	-0.040	-0.626	0.627	0.981	0.938	0.801	-0.063	-0.622	0.626	0.992	0.945	0.861
139	-44	-0.037	-0.607	0.608	0.980	0.938	0.808	-0.055	-0.607	0.610	0.992	0.944	0.864
140	-43	-0.031	-0.608	0.609	0.983	0.938	0.806	-0.053	-0.612	0.614	0.992	0.944	0.863
141	-42	-0.033	-0.596	0.597	0.981	0.936	0.813	-0.053	-0.599	0.601	0.990	0.944	0.866
142	-41	-0.028	-0.614	0.614	0.982	0.935	0.804	-0.047	-0.609	0.611	0.994	0.944	0.865
143	-40	-0.015	-0.628	0.628	0.980	0.934	0.803	-0.034	-0.614	0.615	0.993	0.943	0.864
144	-39	-0.016	-0.651	0.651	0.982	0.935	0.793	-0.034	-0.639	0.639	0.994	0.943	0.859
145	-38	-0.020	-0.643	0.643	0.981	0.933	0.795	-0.042	-0.628	0.629	0.995	0.943	0.861
146	-37	-0.013	-0.639	0.639	0.984	0.934	0.797	-0.034	-0.634	0.635	0.993	0.943	0.860
147	-36	-0.001	-0.649	0.649	0.983	0.935	0.794	-0.027	-0.641	0.641	0.995	0.944	0.860
148	-35	-0.016	-0.658	0.658	0.982	0.934	0.791	-0.035	-0.644	0.645	0.994	0.945	0.859
149	-34	-0.022	-0.654	0.654	0.980	0.935	0.792	-0.041	-0.644	0.645	0.994	0.944	0.858
150	-33	-0.015	-0.665	0.665	0.982	0.935	0.790	-0.040	-0.656	0.657	0.992	0.946	0.856
151	-32	-0.017	-0.661	0.662	0.982	0.937	0.790	-0.043	-0.655	0.656	0.993	0.945	0.855
152	-31	-0.010	-0.655	0.656	0.982	0.936	0.791	-0.033	-0.648	0.649	0.994	0.947	0.855
153	-30	-0.015	-0.660	0.660	0.983	0.936	0.790	-0.036	-0.653	0.654	0.994	0.946	0.855
154	-29	-0.018	-0.683	0.684	0.984	0.937	0.786	-0.036	-0.672	0.673	0.995	0.947	0.852
155	-28	-0.019	-0.671	0.672	0.983	0.937	0.788	-0.043	-0.663	0.665	0.994	0.948	0.853
156	-27	-0.016	-0.677	0.678	0.982	0.937	0.787	-0.040	-0.668	0.669	0.995	0.948	0.853

157	-26	-0.024	-0.673	0.673	0.983	0.939	0.788	-0.043	-0.662	0.663	0.993	0.949	0.854
158	-25	-0.014	-0.663	0.663	0.981	0.939	0.791	-0.043	-0.658	0.659	0.992	0.950	0.853
159	-24	-0.009	-0.675	0.675	0.983	0.938	0.788	-0.036	-0.664	0.665	0.994	0.950	0.852
160	-23	-0.009	-0.682	0.682	0.983	0.940	0.787	-0.037	-0.669	0.670	0.994	0.950	0.852
161	-22	-0.005	-0.672	0.672	0.984	0.940	0.788	-0.032	-0.663	0.664	0.994	0.950	0.852
162	-21	0.003	-0.679	0.679	0.981	0.939	0.787	-0.024	-0.669	0.670	0.994	0.950	0.851
163	-20	-0.002	-0.690	0.690	0.984	0.940	0.784	-0.024	-0.681	0.681	0.996	0.950	0.848
164	-19	0.004	-0.692	0.692	0.983	0.940	0.785	-0.022	-0.685	0.685	0.996	0.950	0.847
165	-18	0.005	-0.688	0.688	0.984	0.942	0.787	-0.022	-0.685	0.686	0.995	0.951	0.847
166	-17	0.007	-0.690	0.690	0.984	0.943	0.786	-0.019	-0.687	0.688	0.995	0.952	0.846
167	-16	0.001	-0.700	0.700	0.983	0.943	0.783	-0.023	-0.697	0.698	0.996	0.952	0.843
168	-15	0.006	-0.697	0.697	0.983	0.944	0.783	-0.024	-0.695	0.695	0.996	0.953	0.844
169	-14	0.003	-0.702	0.702	0.983	0.943	0.781	-0.026	-0.697	0.698	0.996	0.953	0.843
170	-13	0.002	-0.698	0.698	0.982	0.943	0.784	-0.027	-0.697	0.698	0.996	0.953	0.843
171	-12	0.003	-0.689	0.689	0.979	0.942	0.785	-0.026	-0.692	0.693	0.994	0.953	0.844
172	-11	0.009	-0.683	0.683	0.972	0.943	0.786	-0.026	-0.687	0.687	0.990	0.953	0.845
173	-10	-1.000	-1.000	-1.000	-1.000	0.942	-1.000	-1.000	-1.000	-1.000	-1.000	0.953	-1.000
174	-9	-1.000	-1.000	-1.000	-1.000	0.943	-1.000	-1.000	-1.000	-1.000	-1.000	0.954	-1.000
175	-8	-1.000	-1.000	-1.000	-1.000	0.942	-1.000	-1.000	-1.000	-1.000	-1.000	0.954	-1.000
176	-7	-1.000	-1.000	-1.000	-1.000	0.941	-1.000	-1.000	-1.000	-1.000	-1.000	0.954	-1.000
177	-6	-1.000	-1.000	-1.000	-1.000	0.942	-1.000	-1.000	-1.000	-1.000	-1.000	0.954	-1.000
178	-5	-1.000	-1.000	-1.000	-1.000	0.943	-1.000	-1.000	-1.000	-1.000	-1.000	0.953	-1.000
179	-4	-1.000	-1.000	-1.000	-1.000	0.944	-1.000	-1.000	-1.000	-1.000	-1.000	0.954	-1.000
180	-3	-1.000	-1.000	-1.000	-1.000	0.943	-1.000	-1.000	-1.000	-1.000	-1.000	0.955	-1.000
181	-2	-1.000	-1.000	-1.000	-1.000	0.943	-1.000	-1.000	-1.000	-1.000	-1.000	0.955	-1.000
182	-1	-1.000	-1.000	-1.000	-1.000	0.943	-1.000	-1.000	-1.000	-1.000	-1.000	0.955	-1.000
183	0	-1.000	-1.000	-1.000	-1.000	0.943	-1.000	-1.000	-1.000	-1.000	-1.000	0.955	-1.000
184	1	-1.000	-1.000	-1.000	-1.000	0.944	-1.000	-1.000	-1.000	-1.000	-1.000	0.955	-1.000
185	2	-1.000	-1.000	-1.000	-1.000	0.944	-1.000	-1.000	-1.000	-1.000	-1.000	0.956	-1.000
186	3	-1.000	-1.000	-1.000	-1.000	0.944	-1.000	-1.000	-1.000	-1.000	-1.000	0.955	-1.000
187	4	-1.000	-1.000	-1.000	-1.000	0.944	-1.000	-1.000	-1.000	-1.000	-1.000	0.954	-1.000
188	5	-1.000	-1.000	-1.000	-1.000	0.945	-1.000	-1.000	-1.000	-1.000	-1.000	0.954	-1.000
189	6	-1.000	-1.000	-1.000	-1.000	0.947	-1.000	-1.000	-1.000	-1.000	-1.000	0.954	-1.000
190	7	-1.000	-1.000	-1.000	-1.000	0.947	-1.000	-1.000	-1.000	-1.000	-1.000	0.953	-1.000
191	8	-1.000	-1.000	-1.000	-1.000	0.947	-1.000	-1.000	-1.000	-1.000	-1.000	0.952	-1.000
192	9	-1.000	-1.000	-1.000	-1.000	0.947	-1.000	-1.000	-1.000	-1.000	-1.000	0.952	-1.000
193	10	-1.000	-1.000	-1.000	-1.000	0.947	-1.000	-1.000	-1.000	-1.000	-1.000	0.953	-1.000
194	11	0.038	-0.709	0.710	0.971	0.948	0.778	0.007	-0.712	0.712	0.988	0.953	0.835
195	12	0.036	-0.705	0.706	0.973	0.947	0.779	0.005	-0.713	0.713	0.991	0.954	0.835
196	13	0.034	-0.703	0.704	0.978	0.947	0.778	-0.002	-0.715	0.715	0.995	0.954	0.834
197	14	0.036	-0.696	0.697	0.981	0.946	0.781	0.001	-0.708	0.708	0.995	0.953	0.835
198	15	0.037	-0.694	0.695	0.982	0.945	0.781	0.004	-0.707	0.707	0.995	0.954	0.836
199	16	0.041	-0.692	0.693	0.983	0.944	0.783	0.009	-0.706	0.706	0.995	0.955	0.835
200	17	0.047	-0.697	0.699	0.983	0.945	0.781	0.016	-0.713	0.713	0.994	0.955	0.834
201	18	0.053	-0.701	0.703	0.983	0.947	0.778	0.023	-0.717	0.717	0.994	0.955	0.833
202	19	0.056	-0.706	0.708	0.983	0.948	0.776	0.029	-0.724	0.725	0.994	0.956	0.833
203	20	0.062	-0.697	0.699	0.984	0.948	0.778	0.037	-0.717	0.718	0.994	0.957	0.833
204	21	0.067	-0.696	0.699	0.985	0.949	0.779	0.043	-0.716	0.717	0.993	0.955	0.833
205	22	0.069	-0.697	0.701	0.985	0.951	0.776	0.047	-0.721	0.722	0.992	0.955	0.832
206	23	0.069	-0.694	0.698	0.986	0.952	0.777	0.047	-0.717	0.719	0.992	0.957	0.833
207	24	0.064	-0.696	0.699	0.985	0.951	0.776	0.050	-0.719	0.720	0.992	0.956	0.833
208	25	0.068	-0.695	0.698	0.986	0.950	0.776	0.050	-0.718	0.720	0.992	0.954	0.833
209	26	0.067	-0.688	0.691	0.984	0.949	0.778	0.053	-0.710	0.712	0.993	0.954	0.834
210	27	0.070	-0.683	0.687	0.984	0.950	0.780	0.057	-0.705	0.707	0.993	0.952	0.835
211	28	0.066	-0.685	0.688	0.984	0.952	0.780	0.056	-0.701	0.704	0.994	0.951	0.835
212	29	0.069	-0.696	0.699	0.983	0.953	0.775	0.056	-0.709	0.711	0.994	0.950	0.835
213	30	0.069	-0.690	0.694	0.983	0.952	0.778	0.057	-0.705	0.707	0.994	0.949	0.836
214	31	0.061	-0.685	0.688	0.983	0.953	0.783	0.052	-0.697	0.699	0.995	0.949	0.838
215	32	0.068	-0.678	0.681	0.982	0.955	0.784	0.054	-0.692	0.695	0.995	0.949	0.839
216	33	0.064	-0.666	0.669	0.982	0.953	0.786	0.048	-0.689	0.691	0.994	0.950	0.840

217	34	0.069	-0.669	0.672	0.983	0.952	0.787	0.054	-0.686	0.688	0.993	0.950	0.841
218	35	0.073	-0.664	0.668	0.983	0.952	0.789	0.057	-0.688	0.690	0.995	0.951	0.841
219	36	0.069	-0.652	0.656	0.982	0.952	0.791	0.059	-0.678	0.681	0.993	0.952	0.842
220	37	0.079	-0.669	0.674	0.981	0.953	0.785	0.064	-0.692	0.695	0.993	0.950	0.839
221	38	0.080	-0.680	0.684	0.982	0.952	0.782	0.072	-0.707	0.711	0.993	0.949	0.835
222	39	0.090	-0.673	0.679	0.983	0.953	0.783	0.078	-0.696	0.701	0.992	0.948	0.837
223	40	0.099	-0.677	0.684	0.983	0.951	0.780	0.087	-0.704	0.710	0.994	0.945	0.834
224	41	0.094	-0.690	0.697	0.984	0.952	0.777	0.088	-0.708	0.714	0.993	0.943	0.832
225	42	0.088	-0.697	0.703	0.984	0.951	0.775	0.083	-0.712	0.717	0.993	0.943	0.831
226	43	0.088	-0.681	0.687	0.984	0.951	0.780	0.086	-0.697	0.702	0.993	0.941	0.833
227	44	0.089	-0.678	0.684	0.984	0.951	0.782	0.085	-0.699	0.704	0.992	0.942	0.833
228	45	0.075	-0.664	0.669	0.983	0.950	0.787	0.073	-0.686	0.690	0.992	0.941	0.837
229	46	0.073	-0.650	0.654	0.985	0.947	0.792	0.072	-0.675	0.679	0.991	0.942	0.841
230	47	0.073	-0.639	0.643	0.984	0.948	0.796	0.075	-0.661	0.666	0.993	0.942	0.844
231	48	0.078	-0.654	0.659	0.983	0.948	0.790	0.079	-0.677	0.681	0.993	0.940	0.841
232	49	0.086	-0.625	0.631	0.982	0.944	0.801	0.083	-0.648	0.653	0.993	0.940	0.847
233	50	0.083	-0.618	0.623	0.982	0.941	0.802	0.086	-0.645	0.651	0.992	0.940	0.849
234	51	0.086	-0.612	0.618	0.981	0.942	0.803	0.083	-0.642	0.648	0.992	0.942	0.849
235	52	0.081	-0.605	0.610	0.983	0.945	0.805	0.086	-0.629	0.635	0.989	0.944	0.851
236	53	0.087	-0.568	0.575	0.982	0.944	0.814	0.089	-0.599	0.606	0.993	0.944	0.858
237	54	0.088	-0.547	0.554	0.982	0.946	0.820	0.088	-0.592	0.598	0.991	0.946	0.860
238	55	0.088	-0.538	0.545	0.981	0.946	0.825	0.086	-0.588	0.594	0.991	0.947	0.860
239	56	0.103	-0.546	0.556	0.981	0.944	0.825	0.098	-0.586	0.594	0.995	0.946	0.861
240	57	0.107	-0.526	0.537	0.982	0.946	0.828	0.105	-0.567	0.576	0.992	0.944	0.862
241	58	0.109	-0.498	0.510	0.981	0.944	0.834	0.112	-0.547	0.558	0.992	0.942	0.866
242	59	0.117	-0.469	0.483	0.980	0.950	0.844	0.118	-0.520	0.533	0.992	0.941	0.871
243	60	0.109	-0.447	0.460	0.983	0.950	0.852	0.114	-0.495	0.508	0.992	0.940	0.876
244	61	0.099	-0.424	0.435	0.983	0.948	0.859	0.109	-0.475	0.487	0.993	0.935	0.879
245	62	0.096	-0.393	0.405	0.984	0.949	0.867	0.111	-0.445	0.459	0.992	0.935	0.883
246	63	0.104	-0.353	0.368	0.983	0.953	0.879	0.120	-0.410	0.427	0.992	0.935	0.889
247	64	0.105	-0.339	0.355	0.982	0.952	0.885	0.111	-0.402	0.417	0.992	0.934	0.892
248	65	0.108	-0.331	0.348	0.984	0.950	0.888	0.116	-0.387	0.404	0.992	0.935	0.896
249	66	0.108	-0.335	0.352	0.983	0.947	0.885	0.114	-0.387	0.404	0.991	0.935	0.896
250	67	0.107	-0.324	0.341	0.984	0.942	0.890	0.111	-0.379	0.395	0.990	0.934	0.898
251	68	0.107	-0.332	0.348	0.983	0.939	0.887	0.115	-0.386	0.403	0.992	0.933	0.896
252	69	0.105	-0.325	0.342	0.981	0.936	0.890	0.107	-0.383	0.398	0.992	0.934	0.897
253	70	0.089	-0.336	0.348	0.981	0.938	0.887	0.092	-0.393	0.403	0.989	0.934	0.894
254	71	0.100	-0.341	0.355	0.981	0.939	0.884	0.103	-0.405	0.418	0.991	0.936	0.891
255	72	0.094	-0.370	0.382	0.982	0.943	0.873	0.102	-0.429	0.441	0.989	0.935	0.885
256	73	0.095	-0.382	0.393	0.981	0.943	0.872	0.101	-0.444	0.456	0.990	0.936	0.881
257	74	0.107	-0.394	0.408	0.983	0.941	0.866	0.113	-0.455	0.469	0.991	0.938	0.878
258	75	0.115	-0.431	0.446	0.983	0.943	0.855	0.121	-0.486	0.501	0.993	0.936	0.870
259	76	0.116	-0.461	0.475	0.982	0.946	0.847	0.126	-0.512	0.528	0.992	0.939	0.863
260	77	0.121	-0.463	0.478	0.982	0.946	0.845	0.131	-0.515	0.532	0.992	0.937	0.864
261	78	0.126	-0.456	0.473	0.981	0.943	0.848	0.135	-0.508	0.526	0.991	0.937	0.868
262	79	0.125	-0.482	0.498	0.982	0.941	0.839	0.135	-0.525	0.542	0.992	0.936	0.864
263	80	0.125	-0.492	0.508	0.982	0.942	0.837	0.137	-0.529	0.547	0.993	0.936	0.865
264	81	0.136	-0.494	0.512	0.982	0.942	0.838	0.148	-0.522	0.543	0.992	0.935	0.867
265	82	0.128	-0.485	0.502	0.981	0.938	0.842	0.141	-0.520	0.539	0.991	0.935	0.868
266	83	0.121	-0.515	0.529	0.983	0.937	0.833	0.135	-0.536	0.553	0.991	0.935	0.867
267	84	0.124	-0.528	0.543	0.982	0.937	0.829	0.131	-0.547	0.562	0.991	0.937	0.864
268	85	0.118	-0.531	0.544	0.983	0.939	0.830	0.118	-0.547	0.560	0.993	0.937	0.865
269	86	0.127	-0.528	0.543	0.982	0.942	0.830	0.133	-0.543	0.559	0.993	0.938	0.865
270	87	0.115	-0.554	0.565	0.981	0.942	0.822	0.123	-0.565	0.579	0.990	0.939	0.860
271	88	0.111	-0.570	0.581	0.983	0.943	0.815	0.117	-0.575	0.587	0.994	0.941	0.859
272	89	0.115	-0.547	0.559	0.981	0.943	0.824	0.121	-0.555	0.568	0.991	0.942	0.862
273	90	0.121	-0.562	0.575	0.982	0.946	0.819	0.124	-0.565	0.578	0.992	0.940	0.860
274	91	0.106	-0.578	0.588	0.984	0.948	0.809	0.112	-0.575	0.586	0.991	0.936	0.855
275	92	0.107	-0.586	0.596	0.983	0.946	0.806	0.111	-0.577	0.587	0.993	0.934	0.854
276	93	0.117	-0.615	0.626	0.983	0.946	0.794	0.121	-0.596	0.608	0.992	0.932	0.849

277	94	0.112	-0.622	0.632	0.983	0.946	0.792	0.114	-0.596	0.607	0.992	0.929	0.849
278	95	0.128	-0.634	0.647	0.983	0.946	0.785	0.128	-0.606	0.620	0.992	0.926	0.845
279	96	0.132	-0.650	0.663	0.983	0.942	0.778	0.133	-0.617	0.631	0.990	0.925	0.842
280	97	0.125	-0.617	0.630	0.983	0.945	0.792	0.122	-0.587	0.599	0.993	0.928	0.851
281	98	0.122	-0.602	0.615	0.983	0.939	0.801	0.123	-0.579	0.592	0.993	0.929	0.854
282	99	0.116	-0.577	0.589	0.982	0.937	0.810	0.113	-0.554	0.565	0.994	0.928	0.862
283	100	0.117	-0.541	0.553	0.983	0.936	0.826	0.116	-0.523	0.536	0.992	0.930	0.873
284	101	0.111	-0.508	0.520	0.982	0.934	0.840	0.115	-0.495	0.509	0.991	0.932	0.879
285	102	0.092	-0.497	0.506	0.982	0.925	0.843	0.096	-0.488	0.498	0.992	0.932	0.884
286	103	0.085	-0.488	0.495	0.982	0.922	0.846	0.088	-0.473	0.481	0.993	0.933	0.888
287	104	0.095	-0.495	0.504	0.982	0.924	0.845	0.099	-0.478	0.489	0.994	0.934	0.886
288	105	0.100	-0.517	0.526	0.982	0.927	0.839	0.099	-0.496	0.505	0.993	0.935	0.881
289	106	0.099	-0.536	0.545	0.982	0.930	0.830	0.099	-0.514	0.523	0.993	0.936	0.877
290	107	0.098	-0.536	0.545	0.981	0.931	0.830	0.098	-0.519	0.528	0.992	0.937	0.875
291	108	0.093	-0.557	0.564	0.982	0.931	0.826	0.093	-0.538	0.546	0.993	0.937	0.872
292	109	0.097	-0.574	0.582	0.980	0.934	0.820	0.096	-0.551	0.560	0.991	0.940	0.869
293	110	0.109	-0.584	0.594	0.982	0.938	0.814	0.104	-0.561	0.570	0.993	0.939	0.865
294	111	0.106	-0.595	0.605	0.982	0.940	0.799	0.100	-0.572	0.581	0.990	0.936	0.860
295	112	0.115	-0.614	0.625	0.981	0.936	0.780	0.106	-0.594	0.604	0.992	0.933	0.851
296	113	0.133	-0.603	0.617	0.981	0.914	0.774	0.112	-0.583	0.593	0.993	0.928	0.849
297	114	0.148	-0.624	0.641	0.982	0.864	0.741	0.120	-0.599	0.611	0.993	0.923	0.841
298	115	0.163	-0.658	0.678	0.982	0.803	0.704	0.120	-0.636	0.648	0.991	0.914	0.826
299	116	0.196	-0.691	0.718	0.983	0.715	0.647	0.118	-0.666	0.676	0.993	0.907	0.816
300	117	0.239	-0.744	0.781	0.985	0.603	0.563	0.128	-0.707	0.718	0.992	0.899	0.800
301	118	0.300	-0.870	0.920	0.984	0.431	0.409	0.115	-0.794	0.802	0.991	0.885	0.776
302	119	0.394	-1.132	1.198	0.981	0.145	0.146	0.114	-0.890	0.897	0.990	0.863	0.748
303	120	-1.000	-1.000	-1.000	0.982	-1.000	0.000	0.109	-1.002	1.008	0.992	0.832	0.713
304	121	-1.000	-1.000	-1.000	0.981	-1.000	0.000	0.098	-1.175	1.179	0.993	0.785	0.662
305	122	-1.000	-1.000	-1.000	0.983	-1.000	0.000	0.088	-1.408	1.410	0.992	0.716	0.590
306	123	-1.000	-1.000	-1.000	0.982	-1.000	0.000	0.079	-1.573	1.575	0.992	0.676	0.544
307	124	-1.000	-1.000	-1.000	0.981	-1.000	0.000	0.087	-1.533	1.535	0.992	0.716	0.571
308	125	-1.000	-1.000	-1.000	0.981	-1.000	0.000	0.093	-1.519	1.522	0.993	0.752	0.591
309	126	-1.000	-1.000	-1.000	0.981	-1.000	0.000	0.092	-1.475	1.477	0.992	0.785	0.617
310	127	0.379	-2.003	2.038	0.981	0.076	0.022	0.079	-1.441	1.444	0.992	0.815	0.636
311	128	0.343	-1.984	2.013	0.981	0.165	0.061	0.082	-1.399	1.401	0.992	0.843	0.658
312	129	0.306	-1.960	1.984	0.979	0.246	0.099	0.089	-1.355	1.358	0.992	0.863	0.681
313	130	0.283	-1.903	1.924	0.979	0.319	0.153	0.095	-1.182	1.186	0.991	0.885	0.731
314	131	0.263	-1.713	1.733	0.979	0.436	0.270	0.097	-1.001	1.006	0.991	0.900	0.775
315	132	0.237	-1.412	1.432	0.978	0.577	0.419	0.091	-0.879	0.884	0.989	0.902	0.799
316	133	0.215	-1.116	1.136	0.979	0.701	0.543	0.101	-0.780	0.787	0.992	0.906	0.824
317	134	0.183	-0.888	0.907	0.978	0.792	0.642	0.099	-0.685	0.692	0.991	0.909	0.842
318	135	0.160	-0.735	0.752	0.980	0.858	0.710	0.099	-0.620	0.628	0.992	0.913	0.857
319	136	0.150	-0.606	0.624	0.980	0.898	0.763	0.106	-0.557	0.567	0.989	0.914	0.870
320	137	0.153	-0.546	0.567	0.979	0.915	0.795	0.113	-0.523	0.535	0.991	0.917	0.876
321	138	0.141	-0.526	0.545	0.978	0.923	0.809	0.112	-0.522	0.533	0.991	0.922	0.876
322	139	0.119	-0.475	0.490	0.979	0.923	0.835	0.100	-0.477	0.487	0.993	0.926	0.886
323	140	0.105	-0.452	0.464	0.979	0.927	0.847	0.091	-0.467	0.475	0.993	0.927	0.887
324	141	0.101	-0.391	0.404	0.980	0.928	0.872	0.087	-0.417	0.426	0.992	0.931	0.896
325	142	0.108	-0.362	0.378	0.980	0.927	0.880	0.100	-0.394	0.407	0.991	0.935	0.899
326	143	0.101	-0.361	0.375	0.981	0.928	0.883	0.094	-0.390	0.402	0.992	0.936	0.901
327	144	0.098	-0.366	0.379	0.980	0.928	0.884	0.085	-0.400	0.409	0.990	0.936	0.900
328	145	0.099	-0.362	0.375	0.979	0.928	0.885	0.088	-0.390	0.399	0.992	0.936	0.903
329	146	0.095	-0.333	0.346	0.979	0.927	0.893	0.083	-0.361	0.371	0.990	0.936	0.909
330	147	0.090	-0.332	0.344	0.980	0.925	0.894	0.084	-0.360	0.369	0.992	0.935	0.910
331	148	0.089	-0.330	0.342	0.980	0.923	0.895	0.076	-0.355	0.363	0.989	0.935	0.912
332	149	0.084	-0.326	0.337	0.979	0.924	0.896	0.075	-0.347	0.355	0.989	0.935	0.913
333	150	0.110	-0.304	0.323	0.980	0.924	0.898	0.090	-0.336	0.348	0.990	0.935	0.913
334	151	0.104	-0.307	0.324	0.978	0.927	0.895	0.091	-0.343	0.355	0.990	0.934	0.911
335	152	0.102	-0.319	0.335	0.979	0.930	0.895	0.093	-0.351	0.363	0.991	0.936	0.910
336	153	0.115	-0.337	0.356	0.979	0.931	0.885	0.102	-0.369	0.383	0.994	0.938	0.905

337	154	0.119	-0.320	0.341	0.977	0.933	0.892	0.107	-0.356	0.371	0.991	0.939	0.907
338	155	0.114	-0.314	0.334	0.979	0.934	0.894	0.096	-0.363	0.376	0.989	0.940	0.905
339	156	0.114	-0.320	0.340	0.978	0.933	0.894	0.096	-0.371	0.383	0.990	0.941	0.902
340	157	0.111	-0.316	0.335	0.978	0.932	0.894	0.096	-0.361	0.374	0.991	0.941	0.904
341	158	0.106	-0.299	0.317	0.979	0.933	0.898	0.093	-0.346	0.359	0.990	0.941	0.909
342	159	0.116	-0.277	0.300	0.978	0.932	0.904	0.102	-0.332	0.347	0.989	0.942	0.912
343	160	0.109	-0.267	0.288	0.980	0.934	0.908	0.102	-0.321	0.337	0.991	0.943	0.914
344	161	0.102	-0.248	0.268	0.980	0.933	0.911	0.095	-0.302	0.316	0.991	0.944	0.919
345	162	0.109	-0.243	0.267	0.980	0.931	0.912	0.098	-0.295	0.311	0.992	0.944	0.921
346	163	0.108	-0.246	0.269	0.980	0.930	0.911	0.099	-0.297	0.313	0.991	0.945	0.921
347	164	0.108	-0.256	0.278	0.978	0.932	0.911	0.094	-0.305	0.319	0.991	0.945	0.918
348	165	0.087	-0.261	0.275	0.981	0.933	0.910	0.078	-0.308	0.317	0.991	0.944	0.918
349	166	0.089	-0.240	0.256	0.981	0.933	0.911	0.079	-0.293	0.303	0.992	0.944	0.921
350	167	0.092	-0.241	0.258	0.980	0.932	0.910	0.083	-0.287	0.299	0.991	0.943	0.922
351	168	0.096	-0.263	0.280	0.980	0.934	0.908	0.087	-0.306	0.318	0.992	0.942	0.917
352	169	0.090	-0.259	0.274	0.981	0.933	0.911	0.077	-0.296	0.306	0.993	0.943	0.920
353	170	0.107	-0.249	0.271	0.980	0.933	0.908	0.095	-0.287	0.303	0.993	0.944	0.921
354	171	0.110	-0.262	0.284	0.979	0.933	0.905	0.100	-0.304	0.320	0.990	0.946	0.917
355	172	0.103	-0.266	0.285	0.980	0.935	0.907	0.098	-0.308	0.324	0.993	0.950	0.916
356	173	0.115	-0.247	0.272	0.979	0.936	0.909	0.114	-0.290	0.312	0.992	0.952	0.918
357	174	0.117	-0.221	0.250	0.979	0.937	0.916	0.118	-0.272	0.297	0.993	0.955	0.923
358	175	0.103	-0.230	0.252	0.980	0.938	0.915	0.106	-0.280	0.300	0.990	0.957	0.921
359	176	0.098	-0.241	0.260	0.982	0.940	0.913	0.101	-0.284	0.302	0.991	0.960	0.921
360	177	0.092	-0.229	0.247	0.984	0.940	0.917	0.100	-0.272	0.290	0.991	0.961	0.925
361	178	0.090	-0.228	0.245	0.983	0.941	0.917	0.097	-0.272	0.289	0.992	0.962	0.925
362	179	0.095	-0.209	0.229	0.982	0.942	0.921	0.097	-0.255	0.273	0.991	0.963	0.929
363	180	0.101	-0.211	0.233	0.981	0.943	0.922	0.104	-0.248	0.269	0.991	0.962	0.929
364	181	0.101	-0.211	0.233	0.982	0.944	0.922	0.108	-0.244	0.267	0.992	0.963	0.930
365	182	0.099	-0.223	0.244	0.984	0.944	0.918	0.103	-0.249	0.269	0.995	0.964	0.931
366	183	0.095	-0.230	0.249	0.982	0.945	0.916	0.100	-0.254	0.272	0.993	0.966	0.930
367	184	0.093	-0.247	0.264	0.982	0.947	0.914	0.096	-0.264	0.282	0.992	0.967	0.928
368	185	0.084	-0.236	0.250	0.981	0.948	0.917	0.086	-0.260	0.274	0.992	0.967	0.929
369	186	0.074	-0.224	0.236	0.982	0.949	0.922	0.081	-0.246	0.259	0.993	0.968	0.934
370	187	0.084	-0.246	0.260	0.983	0.949	0.916	0.088	-0.259	0.273	0.993	0.970	0.929
371	188	0.088	-0.238	0.254	0.981	0.951	0.917	0.096	-0.258	0.276	0.989	0.971	0.928
372	189	0.091	-0.256	0.272	0.980	0.952	0.913	0.100	-0.272	0.289	0.990	0.972	0.925
373	190	0.091	-0.250	0.266	0.984	0.953	0.914	0.096	-0.270	0.287	0.993	0.973	0.925
374	191	0.089	-0.255	0.270	0.983	0.951	0.913	0.101	-0.268	0.286	0.993	0.974	0.926
375	192	0.098	-0.250	0.268	0.983	0.951	0.914	0.104	-0.258	0.278	0.992	0.975	0.929
376	193	0.091	-0.226	0.244	0.983	0.951	0.920	0.101	-0.242	0.262	0.994	0.974	0.933
377	194	0.084	-0.231	0.246	0.983	0.952	0.919	0.089	-0.245	0.261	0.992	0.975	0.933
378	195	0.087	-0.208	0.225	0.984	0.955	0.925	0.094	-0.224	0.243	0.994	0.975	0.938
379	196	0.095	-0.196	0.217	0.984	0.956	0.929	0.101	-0.213	0.236	0.993	0.975	0.940
380	197	0.087	-0.208	0.225	0.982	0.958	0.926	0.092	-0.221	0.239	0.993	0.975	0.938
381	198	0.090	-0.219	0.237	0.983	0.960	0.924	0.094	-0.228	0.247	0.991	0.975	0.936
382	199	0.098	-0.207	0.229	0.983	0.959	0.928	0.102	-0.214	0.237	0.994	0.976	0.940
383	200	0.092	-0.225	0.243	0.982	0.962	0.923	0.095	-0.234	0.252	0.992	0.974	0.935
384	201	0.095	-0.242	0.260	0.982	0.963	0.917	0.095	-0.244	0.262	0.993	0.974	0.932
385	202	0.099	-0.268	0.286	0.982	0.962	0.908	0.093	-0.262	0.278	0.994	0.974	0.929
386	203	0.097	-0.251	0.269	0.979	0.961	0.913	0.096	-0.248	0.266	0.991	0.975	0.932
387	204	0.090	-0.270	0.285	0.980	0.962	0.906	0.091	-0.264	0.279	0.993	0.974	0.929
388	205	0.105	-0.239	0.261	0.981	0.960	0.915	0.098	-0.243	0.263	0.992	0.973	0.932
389	206	0.110	-0.271	0.292	0.982	0.957	0.902	0.100	-0.262	0.280	0.994	0.972	0.929
390	207	0.099	-0.258	0.276	0.981	0.957	0.909	0.092	-0.263	0.279	0.992	0.970	0.928
391	208	0.115	-0.255	0.280	0.982	0.955	0.909	0.110	-0.253	0.276	0.991	0.969	0.929
392	209	0.108	-0.260	0.282	0.981	0.954	0.905	0.101	-0.260	0.279	0.991	0.969	0.928
393	210	0.108	-0.256	0.278	0.982	0.953	0.905	0.099	-0.257	0.275	0.994	0.968	0.929
394	211	0.115	-0.263	0.287	0.981	0.952	0.902	0.104	-0.261	0.281	0.992	0.968	0.929
395	212	0.121	-0.245	0.274	0.982	0.955	0.909	0.111	-0.242	0.267	0.992	0.969	0.931