

# 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	warp_x	warp_y	warpMagnitude	DC_CT	DC_MR	DC_MR_CT-COM	warp_x*	warp_y*	warpMagnitude*	DC_CT*	DC_MR*	DC_MR_CT-COM*
0	-183	-1.046	-1.115	1.1199	983	8.444	6.102	-1.047	-10.571	1.0623	9.945	9.504	7.546
1	-182	-1.205	-11.132	1.1197	9.807	8.547	6.091	-1.199	-10.527	1.0595	9.929	9.496	7.573
2	-181	-1.278	-11.107	1.1181	9.819	8.666	6.135	-1.334	-10.472	1.0556	9.925	9.501	7.583
3	-180	-1.459	-10.985	1.1082	9.829	873	6.174	-1.518	-10.328	1.0439	9.941	9.507	7.622
4	-179	-1.482	-10.649	1.0752	9.816	8.862	6.343	-1.574	-10.006	1.0129	995	9.487	7.701
5	-178	-1.653	-10.666	1.0794	9.819	8.961	6.339	-1.654	-9.995	1.013	9.929	9.473	772
6	-177	-1.562	-1.042	1.0537	9.814	9.049	6.443	-1.664	-9.842	9.982	994	9.466	7.755
7	-176	-1.806	-10.309	1.0466	9.811	9.036	6.485	-1.836	-9.787	9.958	9.928	9.461	7.756
8	-175	-1.678	-10.294	1.043	9.818	9.072	6.498	-1.774	-9.801	9.961	9.934	9.451	7.757
9	-174	-1.843	-10.459	1.062	9.824	9.088	6.451	-1.912	-9.907	1.009	9.942	9.441	7.742
10	-173	-1.908	-1.021	1.0387	9.828	914	6.499	-2.002	-9.775	9.978	9.928	9.441	7.755
11	-172	-1.833	-10.328	1.049	9.814	9.177	6.505	-1.983	-9.921	1.0117	9.935	9.426	773
12	-171	-1.886	-10.267	1.0439	9.822	9.207	6.512	-202	-9.925	1.0128	9.955	9.415	771
13	-170	-2.037	-10.257	1.0458	9.838	9.226	6.548	-2.146	-9.929	1.0158	9.953	9.409	7.716
14	-169	-2.114	-10.231	1.0447	9.818	9.255	6.577	-2.249	-10.013	1.0262	9.912	9.418	7.701
15	-168	-2.097	-10.195	1.0408	9.835	928	6.578	-2.188	-9.955	1.0193	9.928	9.416	7.716
16	-167	-2.048	-10.069	1.0275	9.827	9.287	6.627	-2.136	-9.907	1.0134	9.954	9.418	7.724
17	-166	-2.098	-9.831	1.1953	9.833	9.298	6.672	-2.174	-9.726	9.966	9.945	9.419	7.768
18	-165	-2.121	-9.847	1.1973	9.833	933	6.681	-2.206	-9.785	1.1931	9.936	942	775
19	-164	-2.168	-9.841	1.1977	983	9.346	6.689	-226	-9.799	1.1956	993	9.426	7.751
20	-163	-2.123	-9.795	1.2022	9.821	9.341	676	-2.136	-9.718	995	993	9.436	7.774
21	-162	-1.878	-9.892	1.1969	9.808	9.366	6.742	-1.909	-9.805	9.989	9.934	9.441	7.778
22	-161	-1.845	-9.825	9.997	982	9.422	6.734	-1.818	-9.775	9.943	9.929	947	7.797
23	-160	-1.897	-9.705	9.889	9.823	9.476	6.813	-1.818	-9.642	9.812	9.946	9.479	7.832

24	-159	-1.791	-9.545	9.711	9.824	9.475	6.898	-1.724	-9.468	9.623	9.924	9.477	7.889
25	-158	-1.728	-9.494	965	9.814	949	6.911	-1.572	-9.417	9.547	9.933	9.498	7.915
26	-157	-153	-9.338	9.463	9.827	0.95	6.986	-1.348	-9.341	9.438	9.909	9.513	7.946
27	-156	-1.477	-9.069	9.189	9.832	952	7.047	-1.293	-9.043	9.135	9.914	9.512	8.009
28	-155	-1.377	-9.131	9.234	982	9.494	706	-1.214	-9.064	9.145	992	9.515	8.011
29	-154	-1.219	-9.196	9.277	9.814	9.553	7.021	-1.049	-9.169	9.229	9.942	951	7.983
30	-153	-1.234	-9.058	9.142	9.814	9.557	704	-1.081	-907	9.135	9.937	951	8.013
31	-152	-1.195	-9.069	9.148	9.806	9.574	704	-983	-9.011	9.065	9.938	952	8.032
32	-151	-1.119	-8.986	9.055	9.812	9.587	7.094	-928	-8.863	8.912	9.924	9.506	807
33	-150	-972	-8.848	8.902	9.803	9.571	7.143	-803	-8.781	8.818	9.927	9.495	8.082
34	-149	-1.095	-8.804	8.872	981	9.585	7.172	-867	-8.669	8.712	9.949	9.495	8.122
35	-148	-1.118	-8.692	8.763	9.821	9.593	7.192	-912	-858	8.628	9.945	9.494	8.134
36	-147	-968	-8.548	8.603	9.829	9.563	7.273	-851	-847	8.513	9.942	9.492	8.173
37	-146	-973	-8.378	8.434	9.831	9.584	7.318	-87	-8.321	8.367	9.952	9.482	8.199
38	-145	-897	-8.111	8.161	9.827	958	7.378	-809	-8.094	8.134	9.945	9.476	8.246
39	-144	-1.009	-8.041	8.104	9.812	9.584	7.419	-861	-7.992	8.039	9.921	9.465	8.269
40	-143	-1.095	-8.037	8.111	9.812	9.596	7.396	-981	-7.983	8.043	9.942	9.469	8.276
41	-142	-1.037	-8.129	8.195	9.823	9.613	7.355	-943	-8.047	8.102	9.943	9.473	8.268
42	-141	-924	-7.982	8.035	9.818	9.634	7.387	-856	-7.947	7.993	9.913	9.467	8.285
43	-140	-1.036	-7.855	7.923	9.815	9.599	7.441	-913	-7.852	7.905	9.925	9.466	8.296
44	-139	-973	-7.789	785	9.829	9.608	7.478	-809	-7.853	7.894	9.924	9.468	8.289
45	-138	-883	-7.462	7.514	9.821	9.616	7.599	-77	-7.541	758	9.925	9.466	8.343
46	-137	-929	-761	7.666	9.822	962	7.536	-811	-7.646	7.689	9.933	9.467	8.328
47	-136	-813	-7.593	7.637	9.807	9.632	754	-0.07	-7.608	7.641	9.935	9.478	8.338
48	-135	-799	-7.583	7.625	9.827	9.624	7.532	-672	-7.643	7.672	9.954	9.494	8.332
49	-134	-763	-7.438	7.477	9.819	966	758	-661	-7.557	7.586	9.945	9.495	8.337
50	-133	-808	-7.404	7.448	983	9.668	7.588	-757	-7.591	7.628	9.949	9.508	8.318
51	-132	-759	-7.312	7.352	9.823	9.685	7.627	-0.07	-7.509	7.542	9.938	9.513	8.338
52	-131	-605	-7.226	7.251	9.823	9.685	7.656	-539	-7.469	7.489	9.935	9.522	834
53	-130	-757	-7.233	7.273	9.833	9.666	7.669	-668	-7.428	7.458	9.949	9.524	8.355
54	-129	-75	-7.234	7.272	9.847	9.662	7.673	-642	-7.453	748	9.936	9.532	8.352
55	-128	-722	-7.035	7.072	9.812	9.623	774	-716	-0.73	7.335	9.928	9.553	8.367
56	-127	-894	-7.211	7.266	9.834	9.592	7.709	-903	-7.441	7.496	9.932	9.561	833
57	-126	-804	-6.945	6.991	9.839	9.589	7.778	-748	-724	7.279	9.943	9.571	8.379
58	-125	-769	-687	6.913	9.846	9.598	7.794	-757	-7.187	7.227	995	9.577	8.392
59	-124	-771	-6.938	6.981	9.841	9.576	7.801	-771	-7.223	7.264	9.935	9.594	8.384
60	-123	-701	-6.927	6.962	9.835	9.576	7.796	-69	-7.201	7.234	9.924	9.582	8.396
61	-122	-783	-6.912	6.956	9.825	9.571	7.805	-839	-7.126	7.176	9.921	9.593	8.407
62	-121	-882	-6.868	6.924	9.828	9.603	7.835	-906	-7.031	7.089	9.904	9.577	8.429
63	-120	-849	-6.667	6.721	9.818	9.628	7.882	-0.08	-684	6.887	9.926	9.565	847
64	-119	-747	-6.509	6.551	9.826	9.631	7.928	-778	-6.675	672	9.928	956	8.506
65	-118	-738	-6.385	6.427	9.834	9.665	7.959	-709	-6.599	6.637	9.938	9.552	8.524
66	-117	-72	-6.446	6.486	9.821	9.665	7.943	-707	-6.572	661	9.922	9.545	8.524
67	-116	-567	-6.565	659	9.823	9.665	7.891	-58	-6.709	6.734	9.926	9.555	8.482
68	-115	-638	-6.501	6.532	9.812	9.648	7.897	-628	-6.662	6.692	9.941	9.569	8.497
69	-114	-688	-6.395	6.432	9.815	9.643	793	-732	-659	6.631	9.926	9.568	851
70	-113	-625	-6.295	6.326	9.806	9.659	7.945	-674	-6.501	6.536	9.921	9.568	853

71	-112	-0.07	-6.177	6.216	9.826	9.683	8.011	-713	-6.338	6.378	9.931	9.567	8.575
72	-111	-681	-6.274	631	9.808	9.666	7.971	-682	-6.361	6.397	9.925	9.567	8.562
73	-110	-632	-6.223	6.255	9.827	9.662	0.8	-739	-6.296	6.339	9.923	9.552	8.587
74	-109	-679	-6.108	6.145	9.806	9.655	8.033	-789	-6.194	6.244	9.922	9.539	8.612
75	-108	-743	-6.082	6.127	9.819	9.648	8.071	-852	-6.138	6.197	9.931	9.518	8.629
76	-107	-777	-594	5.991	9.817	9.652	812	-822	-6.021	6.076	9.926	9.507	8.638
77	-106	-737	-584	5.886	9.808	9.641	8.167	-855	-5.904	5.966	9.932	9.505	8.664
78	-105	-758	-6.022	607	9.824	9.649	8.079	-856	-6.034	6.094	9.952	9.487	8.649
79	-104	-833	-6.096	6.153	9.833	9.638	8.063	-896	-6.047	6.113	9.934	9.496	8.648
80	-103	-714	-6.044	6.086	9.802	9.649	8.063	-85	-5.958	6.018	9.934	9.497	8.665
81	-102	-843	-5.944	6.003	9.824	9.649	811	-925	-5.874	5.946	9.953	9.493	8.672
82	-101	-788	-5.968	6.019	9.823	9.648	8.076	-904	-5.885	5.954	9.932	9.495	8.675
83	-100	-727	-5.966	601	9.823	9.636	8.093	-817	-5.867	5.924	9.946	9.488	8.669
84	-99	-619	-5.877	591	9.835	9.628	8.107	-726	-5.753	5.799	9.927	9.476	8.693
85	-98	-646	-5.853	5.889	9.855	9.635	813	-719	-5.734	5.779	9.936	9.475	8.692
86	-97	-518	-6.095	6.117	9.812	9.636	8.082	-64	-5.932	5.966	9.945	9.466	8.666
87	-96	-532	-5.996	6.019	9.827	9.616	8.112	-609	-5.813	5.844	9.927	9.467	8.692
88	-95	-549	-5.673	5.699	9.824	9.608	8.202	-595	-5.625	5.656	9.937	9.454	873
89	-94	-594	-5.775	5.805	9.828	9.608	8.172	-687	-5.668	5.709	9.962	9.441	8.714
90	-93	-552	-5.535	5.563	9.823	9.608	8.231	-65	-5.517	5.555	994	9.429	8.737
91	-92	-515	-5.668	5.691	9.818	9.593	8.208	-604	-5.598	5.631	9.935	9.427	8.724
92	-91	-621	-5.551	5.586	9.829	9.585	824	-671	-552	5.561	9.925	9.423	874
93	-90	-673	-5.585	5.625	9.837	959	8.239	-756	-554	5.591	9.936	9.417	8.731
94	-89	-619	-5.579	5.613	9.838	9.582	8.243	-692	-5.521	5.564	9.938	9.418	8.731
95	-88	-668	-553	557	9.826	9.586	8.243	-778	-5.509	5.564	9.893	942	8.722
96	-87	-708	-5.553	5.598	9.826	9.559	8.248	-817	-5.508	5.568	992	9.419	8.714
97	-86	-539	-5.715	574	9.823	9.564	8.213	-684	-5.645	5.686	9.927	9.414	8.695
98	-85	-649	-5.775	5.812	9.808	9.556	8.192	-72	-5.674	572	9.934	9.416	8.686
99	-84	-653	-5.621	5.659	0.98	9.534	8.257	-83	-555	5.612	9.905	9.417	8.694
100	-83	-707	-5.759	5.802	9.805	9.513	821	-868	-5.589	5.656	991	9.421	8.693
101	-82	-643	-5.823	5.858	9.819	9.521	8.174	-766	-5.688	5.739	9.929	9.421	869
102	-81	-617	-5.717	575	9.815	9.513	822	-776	-5.638	5.692	9.929	9.425	8.704
103	-80	-565	-5.624	5.652	9.815	9.498	824	-757	-5.575	5.626	9.928	9.404	872
104	-79	-652	-5.792	5.829	9.812	9.506	8.193	-801	-5.674	573	9.917	9.407	8.704
105	-78	-602	-5.738	577	9.815	9.494	8.193	-773	-5.693	5.745	9.927	0.94	8.701
106	-77	-518	-578	5.803	9.809	9.489	818	-676	-5.729	5.769	9.935	9.398	8.697
107	-76	-574	-573	5.759	9.798	9.482	8.199	-722	-571	5.756	9.929	9.399	8.697
108	-75	-609	-5.744	5.776	9.832	947	8.203	-737	-5.746	5.793	9.945	9.408	8.691
109	-74	-679	-569	5.731	9.835	9.474	8.235	-76	-5.709	5.759	9.947	9.412	8.702
110	-73	-63	-5.732	5.767	9.835	947	8.218	-796	-5.759	5.814	9.936	9.412	8.691
111	-72	-528	-5.816	584	981	9.461	8.179	-713	-5.808	5.852	9.924	9.413	8.693
112	-71	-582	-577	0.58	9.821	9.453	8.197	-759	-5.778	5.828	9.933	9.427	8.693
113	-70	-724	-5.644	569	9.844	9.449	825	-831	-5.704	5.764	9.934	9.424	8.702
114	-69	-669	-5.733	5.772	9.824	946	8.206	-852	-5.739	5.802	9.925	9.422	0.87
115	-68	-616	-5.598	5.632	9.816	946	8.259	-827	-5.605	5.666	9.938	9.415	8.716
116	-67	-614	-582	5.852	9.809	9.468	8.176	-794	-5.794	5.848	995	9.407	869
117	-66	-599	-5.807	5.838	9.818	9.468	8.186	-786	-5.768	5.821	9.915	9.411	8.684

118	-65	-581	-5.741	5.771	9.806	9.468	8.209	-768	-5.735	5.786	9.923	9.413	8.688
119	-64	-518	-5.874	5.897	9.824	946	8.174	-661	-5.782	582	9.934	9.417	8.689
120	-63	-663	-5.905	5.943	9.822	9.453	8.168	-774	-5.852	5.903	9.942	942	8.671
121	-62	-481	-5.862	5.881	9.835	9.442	816	-627	-5.809	5.843	9.938	942	8.684
122	-61	-613	-5.933	5.964	9.828	9.426	8.148	-764	-5.889	5.938	992	9.418	8.663
123	-60	-546	-6.025	6.049	9.832	9.419	8.122	-703	-5.981	6.022	9.946	9.409	8.652
124	-59	-469	-6.116	6.134	9.823	941	8.091	-587	-611	6.138	9.949	9.416	8.636
125	-58	-509	-6.264	6.284	9.811	9.395	8.044	-614	-6.256	6.286	9.941	9.418	8.605
126	-57	-367	-6.329	634	9.794	9.391	7.992	-526	-0.63	6.322	9.929	942	8.601
127	-56	-303	-6.206	6.213	9.811	9.392	8.036	-477	-6.142	6.161	9.925	9.436	8.642
128	-55	-234	-6.158	6.163	9.818	9.393	8.053	-442	-6.195	621	9.937	9.434	8.634
129	-54	-318	-6.033	6.041	982	9.397	8.106	-535	-6.151	6.174	9.919	9.441	8.644
130	-53	-423	-6.215	623	9.813	9.393	8.044	-611	-6.247	6.277	9.936	9.448	8.605
131	-52	-351	-6.095	6.105	9.813	9.386	8.084	-553	-6.123	6.148	9.935	9.457	8.644
132	-51	-408	-6.169	6.183	9.825	9.386	805	-0.06	-6.245	6.273	9.916	9.457	8.605
133	-50	-335	-6.12	6.129	9.814	9.385	8.056	-572	-6.199	6.225	9.914	9.461	8.615
134	-49	-337	-6.045	6.055	9.815	9.397	8.075	-573	-6.172	6.199	9.934	9.457	8.621
135	-48	-329	-6.117	6.126	982	9.393	8.042	-524	-6.138	6.161	9.939	9.451	8.632
136	-47	-393	-6.304	6.316	9.808	9.393	8.011	-56	-6.292	6.317	9.951	9.447	8.591
137	-46	-389	-6.163	6.175	9.799	9.392	8.049	-55	-6.119	6.144	993	9.436	8.633
138	-45	-404	-6.255	6.268	9.806	9.384	8.009	-634	-6.223	6.255	9.919	9.445	8.606
139	-44	-372	-6.065	6.077	9.799	9.379	8.077	-55	-6.071	6.096	9.917	9.444	8.636
140	-43	-309	-6.079	6.087	9.827	9.376	8.063	-527	-6.122	6.144	9.921	9.438	8.634
141	-42	-326	-5.959	5.968	981	9.363	8.125	-526	-599	6.013	9.903	9.438	8.659
142	-41	-275	-6.135	6.141	982	9.349	8.042	-467	-609	6.108	9.943	9.437	8.645
143	-40	-151	-6.281	6.283	9.798	9.342	803	-338	-6.144	6.154	9.929	9.431	8.641
144	-39	-157	-6.51	6.512	9.824	9.347	793	-343	-6.385	6.394	9.937	9.433	8.593
145	-38	-0.02	-6.427	643	9.811	9.333	795	-417	-628	6.294	995	943	8.613
146	-37	-131	-6.39	6.391	9.841	9.337	7.972	-34	-6.343	6.352	9.931	9.433	8.599
147	-36	-14	-6.494	6.494	9.828	9.348	7.938	-267	-6.408	6.413	9.951	9.435	8.596
148	-35	-16	-6.578	658	9.817	9.344	791	-351	-6.441	6.451	9.942	9.447	8.585
149	-34	-22	-6.536	654	9.804	9.352	7.918	-413	-6.436	6.449	9.938	9.443	8.578
150	-33	-154	-6.648	665	9.823	9.348	7.898	-401	-6.559	6.572	992	9.458	8.559
151	-32	-173	-6.612	6.615	9.819	9.367	7.899	-43	-655	6.564	9.929	9.452	855
152	-31	-104	-6.554	6.555	9.824	9.355	7.913	-333	-6.481	6.489	9.937	9.468	8.553
153	-30	-148	-6.602	6.604	9.834	9.358	7.902	-362	-6.525	6.535	9.942	9.464	8.549
154	-29	-178	-6.832	6.835	9.838	9.366	7.859	-359	-672	673	9.952	9.468	8.518
155	-28	-187	-6.713	6.716	9.831	9.369	7.883	-431	-6.632	6.646	9.943	948	8.529
156	-27	-162	-6.773	6.775	9.819	9.373	7.866	-0.04	-6.675	6.687	9.946	948	8.525
157	-26	-237	-6.727	6.731	9.826	9.389	7.883	-429	-662	6.634	993	9.488	8.535
158	-25	-135	-6.627	6.628	9.812	9.386	7.905	-434	-6.576	659	9.924	9.502	8.534
159	-24	-91	-6.746	6.746	9.832	9.377	788	-36	-6.643	6.652	9.943	0.95	8.518
160	-23	-91	-6.82	682	9.831	9.397	7.874	-369	-6.694	6.704	9.942	0.95	8.518
161	-22	-49	-6.723	6.724	9.839	9.396	7.882	-323	-6.634	6.642	9.936	9.497	8.516
162	-21	25	-6.792	6.792	9.812	9.392	7.872	-235	-6.693	6.697	9.942	9.501	8.507
163	-20	-18	-6.895	6.895	9.837	9.395	7.844	-238	-6.805	6.809	9.961	9.499	8.481
164	-19	41	-6.921	6.921	9.834	9.399	785	-216	-6.847	685	996	9.502	8.471

165	-18	49	-6.875	6.875	9.835	9.415	7.867	-221	-6.852	6.855	9.951	9.513	8.466
166	-17	69	-6.903	6.903	9.839	9.426	7.861	-193	-6.873	6.876	9.948	9.518	8.456
167	-16	7	-7.002	7.002	983	943	7.826	-228	-6.974	6.977	9.956	9.523	843
168	-15	62	-6.968	6.968	9.831	9.441	7.828	-236	-6.945	6.949	9.956	9.527	8.436
169	-14	29	-7.018	7.018	9.829	9.433	7.809	-255	-6.974	6.979	9.959	9.532	8.431
170	-13	15	-6.983	6.983	9.818	9.429	7.836	-265	-6.971	6.976	9.961	953	8.429
171	-12	25	-6.891	6.891	9.786	9.421	7.848	-261	-6.921	6.926	9.941	9.528	8.437
172	-11	89	-6.825	6.825	9.723	9.425	7.862	-26	-6.869	6.874	9.898	9.527	8.445
173	-10	-1	-1	-1	-1	9.421	-1	-1	-1	-1	-1	9.529	-1
174	-9	-1	-1	-1	-1	9.433	-1	-1	-1	-1	-1	9.535	-1
175	-8	-1	-1	-1	-1	9.422	-1	-1	-1	-1	-1	9.535	-1
176	-7	-1	-1	-1	-1	9.414	-1	-1	-1	-1	-1	9.535	-1
177	-6	-1	-1	-1	-1	9.415	-1	-1	-1	-1	-1	9.539	-1
178	-5	-1	-1	-1	-1	9.431	-1	-1	-1	-1	-1	9.533	-1
179	-4	-1	-1	-1	-1	9.435	-1	-1	-1	-1	-1	954	-1
180	-3	-1	-1	-1	-1	943	-1	-1	-1	-1	-1	9.546	-1
181	-2	-1	-1	-1	-1	9.434	-1	-1	-1	-1	-1	9.549	-1
182	-1	-1	-1	-1	-1	9.434	-1	-1	-1	-1	-1	9.548	-1
183	0	-1	-1	-1	-1	9.429	-1	-1	-1	-1	-1	955	-1
184	1	-1	-1	-1	-1	9.441	-1	-1	-1	-1	-1	9.551	-1
185	2	-1	-1	-1	-1	944	-1	-1	-1	-1	-1	9.556	-1
186	3	-1	-1	-1	-1	9.443	-1	-1	-1	-1	-1	9.547	-1
187	4	-1	-1	-1	-1	9.439	-1	-1	-1	-1	-1	954	-1
188	5	-1	-1	-1	-1	9.451	-1	-1	-1	-1	-1	9.542	-1
189	6	-1	-1	-1	-1	9.466	-1	-1	-1	-1	-1	9.542	-1
190	7	-1	-1	-1	-1	9.473	-1	-1	-1	-1	-1	953	-1
191	8	-1	-1	-1	-1	9.472	-1	-1	-1	-1	-1	9.517	-1
192	9	-1	-1	-1	-1	9.468	-1	-1	-1	-1	-1	9.517	-1
193	10	-1	-1	-1	-1	9.472	-1	-1	-1	-1	-1	9.525	-1
194	11	379	-709	0.71	9.707	9.481	778	72	-7.123	7.123	9.878	9.531	8.349
195	12	364	-7.048	7.058	9.731	9.465	7.789	53	-7.131	7.132	9.905	9.535	8.345
196	13	341	-7.032	7.041	9.781	9.469	7.784	-23	-7.146	7.146	9.953	9.537	8.335
197	14	356	-696	6.969	9.806	9.458	7.805	5	-7.082	7.082	9.954	9.531	8.348
198	15	371	-6.943	6.953	9.818	9.454	7.805	41	-7.069	7.069	9.953	9.537	8.357
199	16	406	-6.917	6.929	9.826	9.444	7.834	88	-7.062	7.062	9.945	9.549	8.353
200	17	473	-6.972	6.988	9.828	9.454	7.808	162	-713	7.132	9.943	9.548	8.338
201	18	529	-7.012	7.032	9.832	9.473	7.784	225	-7.169	7.172	9.943	9.551	8.328
202	19	564	-7.056	7.079	9.833	948	7.755	292	-7.242	7.248	9.942	9.563	8.327
203	20	62	-6.965	6.993	9.842	9.484	7.784	366	-7.171	718	9.936	957	8.331
204	21	668	-6.957	6.989	9.852	9.491	7.787	427	-716	7.173	993	9.554	8.331
205	22	69	-6.973	7.007	9.851	951	7.758	47	-7.206	7.221	9.921	9.551	8.323
206	23	693	-6.941	6.975	9.856	9.522	7.769	473	-7.171	7.186	9.921	9.568	8.333
207	24	642	-6.957	6.987	9.851	9.508	7.757	501	-7.185	7.203	9.923	956	8.327
208	25	677	-6.951	6.984	9.855	9.503	7.758	499	-718	7.197	9.921	9.544	8.332
209	26	672	-6.877	6.909	9.844	9.491	7.784	525	-7.101	712	9.928	9.535	8.342
210	27	702	-6.829	6.865	9.844	9.502	7.795	569	-7.049	7.072	993	9.515	8.346
211	28	663	-6.846	6.878	9.844	9.517	7.799	558	-7.014	7.036	9.944	9.505	8.354

212	29	689	-696	6.994	9.833	9.528	775	561	-7.092	7.114	9.941	9.495	8.348
213	30	694	-6.902	6.937	9.825	9.515	7.784	568	-7.049	7.072	9.939	9.487	8.361
214	31	611	-6.848	6.875	9.826	9.531	7.828	52	-6.971	699	9.954	9.485	8.377
215	32	684	-6.778	6.812	9.824	9.547	7.835	543	-6.924	6.946	9.954	9.494	8.389
216	33	638	-6.661	6.691	9.824	9.528	7.857	483	-6.888	6.905	9.935	0.95	8.402
217	34	689	-6.688	6.723	9.833	9.524	7.873	544	-6.857	6.879	993	9.502	8.407
218	35	726	-6.636	6.676	9.829	9.524	7.885	572	-688	6.903	9.949	9.513	8.405
219	36	687	-652	6.556	9.823	9.517	7.914	586	-6.783	6.808	9.926	9.519	8.423
220	37	788	-6.693	674	9.809	9.531	7.849	644	-692	695	9.934	9.504	8.389
221	38	0.08	-6.797	6.844	9.819	9.522	7.822	721	-707	7.106	9.931	9.493	835
222	39	901	-6.733	6.793	9.825	9.525	7.834	783	-6.962	7.006	9.918	9.475	837
223	40	986	-6.771	6.843	9.831	951	7.801	874	-7.042	7.096	9.937	9.449	8.335
224	41	941	-6.902	6.966	9.835	952	7.769	876	-7.084	7.138	9.927	9.425	8.321
225	42	877	-6.973	7.028	9.838	9.511	7.751	832	-7.121	7.169	9.931	943	8.307
226	43	882	-6.808	6.865	9.837	9.508	0.78	864	-6.969	7.022	9.925	9.414	8.333
227	44	888	-6.781	6.839	9.844	951	7.818	849	-6.993	7.044	9.918	9.415	8.332
228	45	749	-6.643	6.685	983	0.95	7.871	729	-6.859	6.898	9.915	9.411	8.373
229	46	726	-6.495	6.535	985	9.474	792	72	-6.753	6.791	9.913	9.416	8.406
230	47	725	-6.387	6.428	9.839	9.478	7.963	748	-6.614	6.656	9.928	9.421	8.442
231	48	779	-6.544	6.591	983	9.478	7.898	786	-6.769	6.814	9.934	9.395	8.414
232	49	858	-625	6.309	9.817	9.441	8.008	83	-6.478	6.531	9.931	9.396	847
233	50	829	-6.177	6.232	9.823	9.406	8.017	861	-6.449	6.506	9.921	9.399	8.489
234	51	863	-6.119	6.179	9.811	9.417	8.028	828	-6.422	6.475	9.916	9.418	8.485
235	52	806	-6.045	6.098	983	9.447	8.049	857	-6.292	635	9.887	9.439	8.511
236	53	868	-5.681	5.747	9.818	9.441	8.142	894	-5.989	6.055	9.925	9.438	8.575
237	54	883	-5.469	554	9.816	946	8.199	883	-5.918	5.983	991	9.459	8.597
238	55	884	-5.378	545	9.808	9.464	825	855	-5.877	5.939	9.906	9.465	8.596
239	56	103	-5.459	5.556	9.813	9.439	8.251	982	-586	5.942	9.948	9.457	8.606
240	57	107	-5.263	5.371	9.816	9.457	8.283	1.049	-5.666	5.763	9.918	9.442	8.621
241	58	1.092	-498	5.098	9.808	9.437	8.341	1.123	-547	5.584	9.919	942	8.658
242	59	1.173	-4.686	483	9.801	0.95	8.439	1.177	-5.199	5.331	9.916	9.406	8.713
243	60	1.088	-4.468	4.598	9.832	9.498	852	1.143	-4.952	5.082	9.923	9.398	8.762
244	61	99	-4.235	4.349	9.831	9.481	8.586	1.085	-4.745	4.868	9.925	9.353	8.789
245	62	957	-393	4.045	9.839	9.491	867	1.109	-4.449	4.585	9.921	9.351	883
246	63	104	-3.529	368	9.825	9.531	8.787	1.196	-4.098	427	9.919	9.345	8.894
247	64	1.053	-3.393	3.553	9.824	9.521	8.847	1.105	-4.018	4.167	9.919	9.341	8.915
248	65	1.081	-3.307	3.479	9.835	0.95	8.883	1.162	-3.866	4.036	9.915	9.348	896
249	66	1.075	-3.351	3.519	9.825	9.472	8.852	1.136	-3.873	4.036	9.913	9.345	8.962
250	67	1.065	-3.236	3.407	9.838	9.415	8.897	1.106	-3.788	3.946	9.896	9.339	8.984
251	68	1.065	-3.315	3.482	9.827	939	8.874	115	-3.861	4.029	9.919	9.334	8.964
252	69	1.045	-3.254	3.417	9.808	9.362	8.898	1.069	-3.828	3.975	992	9.344	8.967
253	70	889	-3.359	3.475	9.806	9.381	8.865	916	-3.926	4.031	989	9.337	8.944
254	71	1.004	-3.407	3.552	9.811	9.388	8.839	1.034	-4.054	4.183	9.913	9.358	8.908
255	72	942	-0.37	3.818	9.817	9.426	8.734	1.015	-429	4.408	9.887	9.354	8.849
256	73	949	-3.817	3.934	9.808	9.429	8.717	1.014	-4.442	4.556	9.899	9.364	8.808
257	74	1.071	-3.939	4.082	9.828	9.414	8.657	1.134	-4.548	4.687	9.914	9.379	8.782
258	75	1.154	-4.307	4.459	9.827	9.429	8.554	1.205	-486	5.007	9.927	9.358	8.702

259	76	1.157	-4.606	4.749	9.822	9.462	8.467	1.263	-5.124	5.277	9.918	9.385	8.634
260	77	1.208	-4.628	4.783	9.824	9.457	8.454	1.314	-5.153	5.318	9.919	937	864
261	78	1.256	-456	473	9.811	9.431	8.479	1.349	-5.082	5.258	9.914	937	8.677
262	79	1.249	-4.824	4.983	9.818	9.409	8.385	1.346	-5.245	5.415	9.919	9.359	8.641
263	80	1.251	-4.923	508	9.821	9.418	8.369	1.372	-529	5.465	9.934	9.355	8.648
264	81	1.358	-4.937	512	9.815	9.419	8.382	1.479	-5.222	5.427	9.919	9.354	8.668
265	82	1.281	-4.854	502	9.809	9.384	8.419	1.408	-0.52	5.387	9.906	9.352	8.684
266	83	1.212	-515	5.291	9.829	9.368	8.333	135	-5.361	5.529	9.905	9.352	8.666
267	84	1.244	-5.282	5.427	982	9.373	8.286	1.312	-5.467	5.622	9.913	9.365	8.641
268	85	1.175	-531	5.439	9.827	9.388	8.295	1.182	-5.471	5.597	9.929	9.366	8.649
269	86	1.265	-5.283	5.432	9.823	9.416	8.298	1.326	-5.428	5.587	9.928	9.376	8.651
270	87	1.147	-5.536	5.654	9.811	9.424	8.224	123	-5.653	5.785	9.899	9.389	8.599
271	88	1.106	-5.703	5.809	9.828	9.426	8.154	1.172	-575	5.868	9.935	9.405	8.585
272	89	1.147	-5.469	5.588	9.813	9.433	8.237	1.214	-5.549	568	9.909	9.416	8.623
273	90	1.209	-5.623	5.751	9.817	9.455	8.189	1.242	-5.648	5.783	992	9.402	8.604
274	91	106	-5.782	5.879	9.837	9.482	8.088	1.117	-5.753	5.861	9.914	9.362	8.554
275	92	1.065	-5.862	5.958	9.832	9.461	8.056	1.105	-5.768	5.872	9.925	9.341	8.542
276	93	1.167	-6.146	6.256	9.827	9.461	7.942	1.207	-5.961	6.082	9.915	9.324	849
277	94	1.123	-6.223	6.324	9.825	9.455	7.915	1.137	-5.958	6.065	9.915	9.293	849
278	95	1.278	-6.341	6.468	9.826	9.455	7.853	1.275	-6.062	6.195	992	9.263	8.453
279	96	132	-6.499	6.631	983	9.424	7.777	1.326	-6.171	6.312	9.902	9.246	8.424
280	97	1.248	-6.174	6.299	9.828	945	7.917	1.216	-5.867	5.992	9.932	9.277	851
281	98	122	-6.024	6.147	9.826	9.393	8.005	1.232	-5.791	592	9.929	9.286	8.537
282	99	1.157	-5.773	5.887	982	9.373	8.102	1.132	-5.535	5.649	9.936	9.279	8.623
283	100	1.171	-5.405	553	9.827	9.359	8.264	1.161	-5.233	536	9.917	9.304	8.726
284	101	1.105	-5.078	5.197	9.819	9.343	8.403	1.153	-4.952	5.085	991	9.315	8.793
285	102	916	-4.972	5.056	9.815	9.252	8.431	957	-4.884	4.977	9.918	932	8.836
286	103	848	-4.879	4.952	9.821	9.218	8.461	884	-4.728	481	993	9.332	8.876
287	104	953	-4.953	5.044	9.823	9.243	8.447	988	-4.784	4.885	9.941	9.338	886
288	105	1.003	-5.166	5.262	9.815	9.272	8.385	991	-4.955	5.053	9.932	9.349	8.813
289	106	991	-5.363	5.454	9.818	9.304	8.302	989	-5.136	5.231	9.934	9.363	8.765
290	107	978	-5.358	5.446	981	931	8.304	983	-5.192	5.284	9.916	9.373	8.754
291	108	933	-5.567	5.644	9.815	9.308	8.263	927	-5.384	5.463	9.928	9.368	8.719
292	109	971	-5.742	5.823	9.803	934	8.198	958	-5.513	5.596	9.913	9.396	8.688
293	110	1.089	-5.843	5.943	9.821	938	8.136	1.044	-5.608	5.704	9.929	9.391	8.649
294	111	1.056	-5.952	6.045	9.818	9.402	7.993	1.001	-5.718	5.805	9.904	9.358	8.598
295	112	1.151	-6.141	6.248	9.809	9.364	7.802	1.062	-5.944	6.038	9.915	9.328	8.512
296	113	1.328	-6.025	6.169	9.813	9.141	7.735	1.122	-5.826	5.933	9.934	9.275	8.492
297	114	1.484	-6.236	6.411	982	8.638	7.405	0.12	-5.993	6.112	9.933	9.226	8.405
298	115	1.632	-6.584	6.784	982	8.031	7.039	1.203	-6.362	6.475	9.911	9.143	8.264
299	116	1.955	-6.907	7.179	9.825	7.151	647	118	-6.657	676	9.928	9.069	8.159
300	117	2.388	-744	7.814	9.848	603	5.626	1.283	-7.069	7.184	992	8.989	8.003
301	118	2.997	-8.702	9.204	9.838	4.306	409	1.153	-7.938	8.021	9.909	8.851	7.757
302	119	3.943	-11.317	1.1984	981	145	1.459	1.144	-8.896	8.969	9.903	8.631	7.477
303	120	-1	-1	-1	9.817	-1	0	1.093	-10.022	1.1981	9.915	832	7.129
304	121	-1	-1	-1	9.809	-1	0	979	-11.751	1.1792	9.928	7.853	6.619
305	122	-1	-1	-1	9.826	-1	0	881	-14.076	1.4104	9.918	7.164	5.901

306	123	-1	-1	-1	982	-1	0	787	-15.728	1.5748	9.918	6.762	5.439
307	124	-1	-1	-1	9.812	-1	0	866	-15.327	1.5351	9.917	7.164	5.705
308	125	-1	-1	-1	9.805	-1	0	927	-15.189	1.5218	9.925	7.516	5.913
309	126	-1	-1	-1	9.811	-1	0	915	-14.745	1.4773	9.922	7.849	6.167
310	127	3.786	-20.028	2.0383	981	755	219	792	-14.414	1.4436	9.915	8.148	6.361
311	128	3.434	-19.836	2.0131	9.808	1.647	613	819	-13.987	1.401	9.916	843	6.576
312	129	3.064	-19.599	1.9837	979	2.457	985	894	-13.554	1.3584	9.923	8.633	6.807
313	130	2.827	-19.028	1.9237	9.788	3.194	1.532	951	-11.817	1.1855	9.913	8.854	7.312
314	131	2.632	-17.132	1.7333	979	4.359	2.702	971	-10.011	1.1958	9.914	8.998	7.747
315	132	2.371	-14.122	1.432	9.778	5.774	4.186	91	-879	8.837	9.888	9.016	7.991
316	133	2.145	-11.158	1.1362	9.786	701	5.434	1.012	-7.802	7.867	992	9.064	824
317	134	1.831	-8.883	907	9.779	7.915	6.417	994	-6.852	6.924	9.912	9.089	8.419
318	135	1.597	-735	7.522	9.802	8.583	7.097	987	-6.204	6.282	9.919	9.126	8.571
319	136	1.504	-6.055	6.239	9.798	8.983	7.626	1.057	-5.568	5.668	9.892	9.139	8.697
320	137	1.534	-546	5.671	9.789	9.153	7.947	1.131	-5.233	5.354	9.911	9.169	8.761
321	138	1.412	-5.262	5.448	9.777	9.228	8.086	1.119	-5.215	5.333	991	9.216	8.756
322	139	1.187	-4.751	4.897	9.788	923	8.346	998	-4.768	4.871	9.933	9.255	8.856
323	140	1.054	-4.522	4.643	9.794	9.271	8.465	91	-4.665	4.752	9.926	9.273	8.871
324	141	1.011	-3.913	4.041	9.802	928	8.721	871	-4.171	4.261	9.915	931	8.964
325	142	1.077	-3.624	378	9.803	9.269	8.804	997	-3.941	4.065	991	9.347	8.994
326	143	1.014	-3.605	3.745	9.807	9.282	8.832	937	-3.904	4.015	9.924	9.363	9.008
327	144	976	-3.659	3.787	9.801	9.283	8.839	846	-0.4	4.088	9.904	9.356	9.001
328	145	987	-3.619	3.752	9.789	9.283	8.848	884	-3.895	3.994	9.919	936	9.029
329	146	947	-333	3.462	9.788	9.271	8.932	832	-3.613	3.707	9.902	9.357	9.094
330	147	897	-3.321	344	9.795	9.251	8.944	843	-3.595	3.693	9.919	9.351	9.097
331	148	888	-0.33	3.417	9.799	9.233	8.946	756	-3.547	3.626	9.894	9.346	9.118
332	149	842	-3.259	3.366	979	9.235	896	748	-3.472	3.552	989	9.346	9.129
333	150	1.098	-3.041	3.233	9.795	9.241	898	902	-3.359	3.478	9.899	9.352	913
334	151	1.038	-3.073	3.243	9.784	9.266	8.952	914	-3.433	3.553	9.898	9.344	9.114
335	152	1.022	-3.188	3.348	9.792	9.298	8.954	925	-3.514	3.634	991	9.362	0.91
336	153	1.146	-337	356	9.791	9.311	8.849	1.022	-3.689	3.828	9.941	938	9.049
337	154	1.189	-0.32	3.414	9.768	9.325	8.916	1.066	-3.557	3.713	991	939	9.074
338	155	1.141	-3.138	3.339	9.786	934	8.944	964	-3.634	376	989	9.398	905
339	156	1.139	-3.201	3.397	978	9.326	8.938	959	-3.707	3.829	9.898	9.407	9.015
340	157	1.106	-3.162	335	9.784	9.323	894	959	-3.613	3.738	9.906	941	9.043
341	158	1.055	-2.985	3.166	9.788	9.333	898	929	-3.464	3.586	9.901	9.411	9.087
342	159	1.158	-2.771	3.003	9.784	9.324	9.036	102	-3.315	3.468	9.894	9.416	912
343	160	1.094	-2.668	2.884	9.802	9.341	9.081	1.022	-3.206	3.365	9.908	943	9.138
344	161	1.018	-2.481	2.682	9.796	9.332	9.111	946	-3.018	3.163	9.906	9.442	9.188
345	162	1.091	-2.434	2.667	9.803	9.307	9.123	977	-2.951	3.109	9.923	9.444	9.206
346	163	1.079	-2.464	2.689	9.798	9.302	9.109	991	-2.973	3.134	9.909	9.453	9.205
347	164	108	-2.562	2.781	9.782	9.319	9.111	937	-3.052	3.193	9.911	9.448	918
348	165	874	-2.611	2.754	9.807	9.325	9.103	775	-3.077	3.173	9.913	944	9.176
349	166	893	-2.399	256	9.807	9.328	9.112	792	-2.928	3.033	9.915	9.437	9.205
350	167	916	-2.407	2.576	9.798	9.322	9.102	83	-2.872	299	9.908	9.429	9.223
351	168	961	-263	0.28	9.804	9.335	9.081	873	-3.055	3.177	9.924	942	9.171
352	169	899	-2.587	2.739	9.813	9.334	9.107	765	-2.964	3.061	9.928	9.425	9.198

353	170	1.067	-2.492	271	9.803	9.326	9.084	95	-2.872	3.025	9.927	9.442	9.209
354	171	1.095	-2.622	2.841	9.792	933	9.049	1.001	-304	0.32	9.902	9.464	9.167
355	172	1.025	-2.656	2.847	0.98	9.354	9.069	976	-3.084	3.235	9.926	9.497	9.164
356	173	1.151	-2.469	2.724	9.792	936	9.087	1.143	-0.29	3.118	9.917	9.516	9.182
357	174	1.169	-2.214	2.503	9.785	9.367	9.162	1.182	-2.721	2.967	9.927	9.547	9.234
358	175	1.025	-2.302	252	9.797	9.376	9.148	1.058	-2.804	2.997	9.897	9.572	921
359	176	98	-2.406	2.598	9.821	9.396	9.128	1.006	-2.843	3.016	9.909	9.597	921
360	177	92	-2.291	2.468	9.838	9.403	9.166	1.003	-2.721	0.29	9.905	961	9.246
361	178	899	-2.279	245	9.832	9.411	9.173	965	-2.723	2.889	9.916	9.622	9.251
362	179	946	-209	2.294	9.818	9.418	9.214	974	-2.545	2.725	9.909	9.629	9.288
363	180	1.007	-2.105	2.333	9.805	9.428	9.216	1.041	-2.479	2.689	9.909	9.623	9.293
364	181	1.005	-2.107	2.334	9.822	9.444	922	1.077	-2.444	2.671	9.923	9.627	9.299
365	182	986	-2.232	244	9.841	9.439	9.184	1.033	-2.487	2.693	9.945	9.644	9.308
366	183	954	-2.303	2.493	9.816	9.454	9.164	996	-2.535	2.723	9.928	9.657	9.301
367	184	928	-2.468	2.637	9.821	9.469	9.135	964	-2.644	2.815	9.922	9.668	928
368	185	844	-2.355	2.502	9.814	9.481	9.169	856	-2.601	2.738	9.924	9.674	9.288
369	186	743	-2.244	2.364	9.821	9.493	9.223	813	-2.463	2.594	9.925	9.681	9.338
370	187	842	-2.457	2.597	9.834	9.493	9.161	878	-2.588	2.733	9.929	9.698	9.287
371	188	878	-2.383	254	9.807	9.508	9.172	963	-2.581	2.755	9.892	9.711	9.278
372	189	908	-256	2.716	9.798	9.522	9.131	996	-2.718	2.894	9.899	9.724	925
373	190	911	-2.497	2.658	9.835	9.531	9.138	955	-2.702	2.866	9.932	973	9.248
374	191	888	-2.548	2.698	9.833	9.514	9.126	1.007	-2.675	2.858	9.927	9.743	9.261
375	192	975	-2.498	2.682	9.828	9.514	9.136	1.037	-2.576	2.777	9.922	9.749	9.289
376	193	914	-2.263	244	983	9.509	9.197	1.013	-242	2.623	9.935	974	9.332
377	194	836	-231	2.457	9.834	9.522	9.189	892	-2.452	2.609	9.917	9.745	9.328
378	195	872	-2.078	2.253	984	9.545	9.251	94	-2.238	2.427	9.939	9.747	9.378
379	196	946	-1.955	2.172	9.838	9.561	9.289	1.009	-2.134	236	993	9.749	9.395
380	197	873	-2.077	2.253	9.815	9.575	9.263	921	-2.208	2.393	9.925	9.749	9.381
381	198	904	-2.188	2.367	9.827	9.597	9.244	935	-2.284	2.468	9.908	9.752	9.356
382	199	982	-207	2.291	9.828	9.591	9.277	1.015	-2.141	2.369	994	9.756	9.397
383	200	921	-2.249	2.431	9.819	9.617	9.233	954	-2.336	2.523	9.917	9.741	9.346
384	201	953	-2.423	2.604	9.819	9.625	9.166	946	-244	2.618	9.929	9.739	9.324
385	202	99	-2.684	286	9.817	962	9.079	931	-262	2.781	9.941	9.742	9.288
386	203	97	-2.506	2.687	9.794	9.614	9.131	96	-2.475	2.655	9.911	9.746	9.318
387	204	899	-2.701	2.847	9.802	9.617	9.064	908	-2.641	2.793	9.928	974	9.288
388	205	1.045	-2.385	2.605	9.809	9.598	9.151	983	-2.434	2.625	9.921	9.727	9.323
389	206	1.099	-2.708	2.922	9.821	9.574	9.019	1.002	-2.616	2.801	9.938	9.715	9.286
390	207	99	-2.577	276	9.808	9.573	9.085	922	-2.628	2.785	9.917	9.696	9.279
391	208	1.154	-2.546	2.795	9.819	9.551	909	1.095	-2.533	2.759	9.909	9.694	9.292
392	209	1.082	-2.601	2.817	981	9.536	9.049	1.011	-2.595	2.785	9.912	9.686	9.283
393	210	1.083	-2.563	2.783	9.822	9.527	9.048	989	-2.569	2.753	9.943	9.675	9.294
394	211	1.147	-263	2.869	9.808	9.522	9.024	1.039	-2.608	2.808	9.917	9.681	9.287
395	212	1.214	-2.454	2.738	9.815	9.552	9.089	1.114	-2.424	2.668	9.921	9.691	9.311